CONFERENCE PROGRAM

April 11-13, 2019
Kennesaw, GA

33rd National Conference on Undergraduate Research
Kennesaw State University gratefully thanks the 2019 NCUR sponsors whose generosity supported the students and programming for this conference.

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SCHEDULE OF EVENTS

WEDNESDAY, APRIL 10, 2019

11:00am – 3:00pm
Georgia Association of Colleges and Employers (GACE)
Statewide Career Fair
Cobb Galleria
Two Galleria Parkway
Atlanta, Georgia 30339
Exhibit Hall D

4:00pm – 7:00pm
Conference Registration
University Rooms C, D, & E,
Carmichael Student Center

8:00pm
Student Composers Recital
Morgan Hall

THURSDAY, APRIL 11, 2019

7:00am – 5:00pm
Conference Registration
University Rooms C, D, & E,
Carmichael Student Center

7:00am – 9:00am
Breakfast
Campus Green

9:00am – 10:30am
Welcome and Opening Plenary:
Dr. Alistair Dove, Vice President for Research and Conservation at the Georgia Aquarium
Convocation Center

10:45am – 5:00pm
Graduate School Fair
Siegel Student Recreation & Activities Center

10:45am – 11:45am
Session 1: Oral Presentations
Classroom buildings on campus

10:45am – 11:45am
Session 1: Poster Presentations
Siegel Student Recreation & Activities Center

11:30am – 2:00pm
Lunch
Campus Green, Prillaman Quad,
Pilcher Quad

12:00pm – 12:50pm
Mentoring and Leadership Sessions for Students
(Pre-Registration Required)
Classroom buildings on campus

12:00pm – 2:00pm
FAN Session 1
Burruss Building

12:00pm – 2:00pm
College of the Arts Campus Green Event
Campus Green

12:00pm – 2:00pm
School of Art and Design Print XL!
Campus Green

12:30pm – 1:00pm
Department of Dance and School of Music
Campus Green

1:00pm – 2:00pm
Session 2: Oral Presentations
Classroom buildings on campus
SCHEDULE OF EVENTS

1:00pm – 2:00pm
**Session 2: Poster Presentations**
Siegel Student Recreation & Activities Center

1:15pm – 2:00pm
**Theater and Performance Studies**
**Musical Theater Sing Along**
Campus Green

2:15pm – 3:15pm
**Session 3: Oral Presentations**
Classroom buildings on campus

2:15pm – 3:15pm
**Session 3: Poster Presentations**
Siegel Student Recreation & Activities Center

2:15pm – 3:15pm
**Session 3: Performing Arts**
Morgan Hall and Onyx Theater

3:30pm – 4:30pm
**Session 4: Oral Presentations**
Classroom buildings on campus

3:30pm – 4:30pm
**Session 4: Poster Presentations**
Siegel Student Recreation & Activities Center

3:30pm – 4:30pm
**Session 4: Performing Arts**
Morgan Hall and Onyx Theater

3:30pm – 5:30pm
**Gallery Exhibition Opening**
Multi-Activity Court, Siegel Student Recreation and Activities Center

4:30pm – 6:30pm
**Open Houses/Tours of Campus Facilities and Labs (Kennesaw campus, 4:30-6pm; Marietta campus 5-6:30pm)**
Various locations on campus

5:00pm – 9:00pm
**Thursday Night Theater and Dinner Event**
The Commons (5pm - 7pm) for dinner, followed by the performance at 7pm in the Stillwell Theater

FRIDAY, APRIL 12, 2019

7:00am – 5:00pm
**Conference Registration**
University Rooms C, D, & E, Carmichael Student Center

7:00am – 9:00am
**Breakfast**
Campus Green

7:30am – 8:20am
**FAN Session 2**
Burruss Building

8:30am – 3:00pm
**Gallery Exhibition, Visual Art**
Multi-Activity Court, Siegel Student Recreation and Activities Center

8:30am – 5:00pm
**Graduate School Fair**
Siegel Student Recreation & Activities Center
SCHEDULE OF EVENTS

FRIDAY, APRIL 12, 2019

8:30am – 9:30am
Session 5: Oral Presentations
Classroom buildings on campus

8:30am – 9:30am
Session 5: Poster Presentations
Siegel Student Recreation & Activities Center

8:30am – 9:30am
Session 5: Performing Arts
Morgan Hall and Onyx Theater

9:45am – 10:45am
Session 6: Oral Presentations
Classroom buildings on campus

9:45am – 10:45am
Session 6: Poster Presentations
Siegel Student Recreation & Activities Center

9:45am – 10:45am
Session 6: Performing Arts
Morgan Hall and Onyx Theater

11:00am – 12:00pm
Session 7: Oral Presentations
Classroom buildings on campus

11:00am – 12:00pm
Session 7: Poster Presentations
Siegel Student Recreation & Activities Center

11:00am – 12:00pm
Session 7: Performing Arts
Morgan Hall and Onyx Theater

11:15am – 1:15pm
Lunch
Campus Green, Prillaman Quad, Pilcher Quad

12:15pm – 1:05pm
Mentoring and Leadership Sessions for Students (Pre-Registration Required)
Classroom buildings on campus

12:15pm – 1:05pm
FAN Session 3
Burruss Building

1:15pm – 2:30pm
Plenary Session 2:
Dr. Valerie Montgomery Rice, President and Dean of Morehouse School of Medicine
Convocation Center

2:45pm – 3:45pm
Session 8: Oral Presentations
Classroom buildings on campus

2:45pm – 3:45pm
Session 8: Poster Presentations
Siegel Student Recreation & Activities Center

2:45pm – 3:45pm
Session 8: Performing Arts
Morgan Hall and Onyx Theater

2:45pm – 3:45pm
Hosting a Future NCUR Event
Prillaman Health Sciences Building 2010

4:00pm – 5:00pm
Session 9: Oral Presentations
Classroom buildings on campus
SCHEDULE OF EVENTS

4:00pm – 5:00pm
Session 9: Poster Presentations
Siegel Student Recreation & Activities Center

4:00pm – 5:00pm
Session 9: Performing Arts
Morgan Hall and Onyx Theater

4:00pm – 5:00pm
CUR Reception and NCUR Transition to 2020 Signing Ceremony/Reception
Jolley Lodge

5:00pm – 11:00pm
Friday Night “Big Event”
Atlanta Braves vs. New York Mets (extra fee for tickets)
The Battery

SATURDAY, APRIL 13, 2019

7:00am – 12:00pm
Conference Registration
University Rooms C, D, & E, Carmichael Student Center

7:00am – 9:00am
Breakfast
Campus Green

7:30am – 8:20am
FAN Session 4
Burruss Building

8:30am – 9:30am
Session 10: Oral Presentations
Classroom buildings on campus

8:30am – 9:30am
Session 10: Poster Presentations
Siegel Student Recreation & Activities Center

8:30am – 9:30am
Session 10: Performing Arts
Morgan Hall and Onyx Theater

9:45am – 10:45am
Session 11: Oral Presentations
Classroom buildings on campus

9:45am – 10:45am
Session 11: Poster Presentations
Siegel Student Recreation & Activities Center

9:45am – 10:45am
Session 11: Performing Arts
Morgan Hall and Onyx Theater

11:00am – 12:15pm
Closing Plenary Session
Convocation Center

12:15pm – 2:00pm
Lunch
Campus Green
WELCOME FROM KENNESAW STATE UNIVERSITY

To the thousands in attendance, welcome to Kennesaw State University and to the 2019 National Conference on Undergraduate Research. I am honored that we were selected as the first institution in Georgia to host NCUR. It is our great pleasure to serve as your host.

As an R2 university—a doctoral institution with high research activity—Kennesaw State prioritizes research at the faculty, graduate and undergraduate levels. Research can discover cures, solve complex problems and provide opportunities for informed decision making. It also enhances students’ experiences during their undergraduate careers, offering both the satisfaction of achievement and the ability to pursue one’s interests in exciting ways.

For those of you who are visiting, I hope you take the opportunity to explore our campus and our community. While Kennesaw State is the third largest university in Georgia, with nearly 36,000 students, those of us who work and are enrolled here will tell you it feels like a family. The word must be out, because those students who are admitted to Kennesaw State overwhelmingly decide to come here. In fact, our yield rate—the percentage of admitted students who actually enroll—ranks among the top 10 in the nation, according to U.S. News and World Report. This places KSU in the company of such schools as Harvard, Stanford, MIT, Yale and Princeton.

Since we are a Metro Atlanta university, I also encourage you to explore beyond our university and witness some of the many attractions Atlanta has to offer, including the High Museum of Art, the Georgia Aquarium or the World of Coca-Cola, or catch an Atlanta Braves game at nearby SunTrust Park.

To the many faculty, staff and volunteers involved with NCUR, thank you for your dedication to making this event not only possible, but an overwhelming success.

To the student presenters, I wish you the best as you share the results of your impressive research with all of us.

I hope each of you enjoys the speakers, events and many other outstanding elements of NCUR 2019 at Kennesaw State University.

Sincerely,

Pamela Whitten, Ph.D.
President
ABOUT KENNESAW STATE UNIVERSITY

A leader in innovative teaching and learning, Kennesaw State University is one of the 50 largest public institutions in the country. KSU offers more than 150 undergraduate, graduate and doctoral degrees to its more than 35,000 students.

With 13 colleges on two metro Atlanta campuses, Kennesaw State is a member of the University System of Georgia and the third-largest university in the state. The university’s vibrant campus culture, diverse population, strong global ties, entrepreneurial spirit, and Division I athletics draw students from throughout the region and from 92 countries across the globe.

 Ranked a top choice for students by U.S. News, Kennesaw State is a Carnegie-designated doctoral research institution (R2), placing it among an elite group of only 6 percent of U.S. colleges and universities with an R1 or R2 status.
The Council on Undergraduate Research (CUR – https://www.cur.org) is pleased and honored to congratulate the more than 4200 undergraduate researchers, faculty mentors, and other supporters of undergraduate research achievement who are participating in the 33rd National Conference on Undergraduate Research (NCUR). CUR serves its members by providing valued services, programs, and advocacy to more than 13,000 individual members at close to 1000 affiliated colleges, universities, and associations.

Kennesaw State University (KSU) has done a spectacular job in preparing for the 33rd NCUR, and this meeting promises to be both one of the largest (if not the largest) NCURs, and one that provides an unparalleled set of professional development opportunities. In addition to the diverse research, scholarship, and creative inquiry projects on display in oral and poster sessions, students are invited to participate in graduate and career fairs, open houses at KSU departments, and mentoring and leadership coaching.

CUR thanks Kennesaw State University and the greater Atlanta region’s education and business community for hosting this year’s dynamic and impressive conference. I predict that NCUR 2019 will be a transformative experience for all participants!

Elizabeth Ambos
CUR Executive Officer
Washington, D.C.
Welcome to the 2019 National Conference on Undergraduate Research and congratulations to all the students who will be presenting and to the faculty mentors who have guided their research. Wherever life and your future careers take you, you will find that NCUR is unlike any other conference you will attend in the diversity of the research and creative activities that will be showcased, the richness of the networking and professional preparation activities that have been prepared, and the opportunities you will have to meet and get to know people from across the country and around the world.

This NCUR is the first to be held in Georgia, and the team at Kennesaw State has done a wonderful job of welcoming us with true Southern hospitality. Open houses across campus, artistic events, affinity socials, and a Friday night Atlanta Braves game promise to make this a wonderful experience for us all. My deepest thanks go to everyone at KSU who has worked so hard to make all this possible. I would also like to recognize the extraordinary work of the staff of the Council on Undergraduate Research and the members of the CUR-NCUR Oversight Committee, without whom this conference would not have been possible.

Congratulations again on being selected to participate in the 2019 NCUR and enjoy your time in Atlanta.

Iain Crawford
President, Council on Undergraduate Research
Faculty Director, Undergraduate Research Program
University of Delaware
What is CUR?

Founded in 1978, the Council on Undergraduate Research (CUR) is a national 501(c) (3) nonprofit educational organization that supports and promotes high-quality research, scholarship, and creative inquiry of undergraduate-faculty teams. CUR’s more than 13,000 individual and institutional members represent more than 900 higher education institutions and affiliated organizations from around the world. CUR believes that all faculty members enhance their teaching and contribution to society by remaining active in research and by involving students in these activities. CUR’s leadership works with agencies and foundations to enhance research opportunities for faculty and students.

What Is Undergraduate Research?

CUR defines undergraduate research as an inquiry or investigation conducted by an undergraduate student that makes an original intellectual or creative contribution to the discipline.

What Services Does CUR Provide?

CUR provides a host of services in support of faculty and administrator development including customized institutes and program assessment, publishes a peer-reviewed journal and books, hosts a number of student conferences and events, awards campuses and individuals recognized for their outstanding achievements and contributions to undergraduate research, and more, and conducts advocacy at the federal, state and local level in support for research investments. To learn more about the kinds of services provided by CUR, please visit www.cur.org.
On behalf of the NCUR Oversight Committee, I welcome you to Kennesaw State University and the 33rd National Conference on Undergraduate Research. We celebrate with excitement the scholarly work of our presenting researchers, artists, and performers from across the country and abroad!

Here you enter a community of scholars that welcomes you with pride in what you have accomplished and great anticipation for what you will do with the skills you’ve gained. We hope you will take advantage of the many great opportunities at NCUR for further enhancing those skills and taking your next steps into a fulfilling career of scholarship: check out the pre-conference Career Fair, Mentorship and Leadership sessions, Student Resource Room for career development, and more. Also, consider sharing your work further by publishing in the NCUR 2019 Proceedings.

Thanks to Kennesaw State University for hosting us and to your home institutions for nurturing and supporting you in your journey here. At NCUR, may you find renewed passion for your own work and develop a greater appreciation for scholarship in all its forms as you attend presentations and performances across many disciplines. Representing the world of intellectual scholarship, we are privileged to have you join us!

Sarah Johnson
Chair, NCUR Oversight Committee
Associate Professor of Psychology and Neuroscience
Moravian College, Bethlehem PA
CONFERENCE PROCEEDINGS

One benefit of presenting at NCUR is the opportunity for students to publish their work in the conference proceedings, produced annually by the University of North Carolina at Asheville and distributed to institutions across the nation. All student presenters at the conference (including students in the performing/visual arts) are invited to submit manuscripts for review by the Proceedings board.

Submitting work to the Proceedings has many advantages, two of which are deemed especially important:

- The opportunity to receive comments from faculty outside your college or university, thereby enhancing the paper for submission to other sources in your field.

- The opportunity to list your publication on your resume for graduate and professional school applications.

The Proceedings are published annually as a service of UNC Asheville, and the included papers are representative of the research presented at the conference.

**Publication release date for 2019, is November 30, 2019.**

Published papers from 2012, 2013 and 2014 can be viewed at www.ncurproceedings.org

**Paper Submission Dates and Fee Schedule**

Electronic Paper submission: January 14, 2019–June 15, 2019

NO papers will be accepted after June 15, 2019.

There are no fees for processing your paper.

**Submission Guidelines**

Send an email with your intent to submit a paper to ncureditorialstaff@unca.edu and you will receive a username and pin with instructions on how to upload your paper to the www.ncurproceedings.org site. Your username and pin will be different from the abstract username and pin submission.

**Contact NCUR Proceedings**

ncureditorialstaff@unca.edu UNC Asheville
ACKNOWLEDGMENTS

NCUR 2019 PLANNING COMMITTEES

Kennesaw State University extends its deep appreciation to the numerous KSU students, faculty, staff and members of the Cobb County community, who contributed their time and effort by serving on planning committees to ensure a successful conference.

Executive Committee
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Amanda Leith, NCUR 2019 Project Manager
Amy Buddie, Director of the Office of Undergraduate Research & Co-Chair for NCUR 2019
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## Acknowledgments

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Amy Buddie, Chair  
Jennifer Harb  
Cobb Travel & Tourism

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Laura Southern
Timothy Frank
Chelsea Daffinson
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Lindsay Johnson
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Scott Bassford, North Apps, LLC
NCUR Oversight Committee (NOC) and Sarah Johnson, Chair of the NOC
Greg Wilson, Co-Chair, NCUR 2018
Michael Springer, Co-Chair, NCUR 2018

NCUR 2018 Committee Chairs and Members
Cobb Travel & Tourism
Alistair Dove, Vice President for Research & Conservation, Georgia Aquarium
Valerie Montgomery Rice, President and Dean, Morehouse School of Medicine
Holly Beveridge, Studio HB Events & Communication

Special thanks to everyone at Kennesaw State University for their support of this conference, particularly the following:

Office of the President
Office of the Provost and Vice President for Academic Affairs
Office of Research
University Information Technology Services (UITS)
Department of Event & Venue Management
Office of Strategic Communications & Marketing
Division of Facilities Services
University Dining
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Office of Fiscal Services
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Graduate College
College of the Arts
College of Science & Mathematics
College of Humanities & Social Sciences
Bagwell College of Education
College of Computing & Software Engineering
College of Architecture & Construction Management
Honors College
Southern Polytechnic College of Engineering & Engineering Technology
WellStar College of Health & Human Services
University College
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Abdelbasset Farahat
Eduardo Farfan
Ameen Farooq
Daniel Farr
Angela Farr Schiller
# ABSTRACT REVIEWERS

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Kennesaw State University
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Dr. Dove is a broadly trained marine biologist and conservationist and a leading authority on the biology of whale sharks, as well as an academically trained parasitologist. As Vice President of Research and Conservation, Dr. Dove is responsible for overseeing all research and conservation activities for Georgia Aquarium and administering collaborative partnerships with other institutions; he also supervises the staff and activities at the Georgia Aquarium Conservation Field Station near St Augustine, Florida.

Dr. Dove obtained a 1st class Honors degree in Zoology and Parasitology in 1994 from the University of Queensland, Australia. His Ph.D. studies focused on the ecology of parasites infecting invasive fish species in Australian lakes and rivers, for which he was awarded a Deans List commendation and a University Medal. After moving to the USA in 2000, Dr. Dove held positions at the Wildlife Conservation Society (New York Aquarium), Cornell University, Stony Brook University and Columbia University. During this period, he studied the impacts of climate change on the health of coastal marine life, especially lobsters, striped bass, bluefish and clams.

Dr. Dove joined the Aquarium team in 2006 as the manager of the Water Quality Lab. He transitioned to the Research and Conservation department in 2009 and helped expand it into the multifaceted, globally respected program it is today. His research interests continue on the theme of "health in aquatic animals" from individuals to ecosystems, with a current focus on the biology of whale sharks. Since 1994, he has been awarded 8 competitive research grants and has published over 50 scientific articles and several book chapters. He continues to teach through the AQUAVET program and is an adjunct faculty member at Georgia Institute of Technology (Biology), Georgia State University (Neurobiology), UGA (Anatomic Pathology), and Stony Brook University (Marine Sciences).

In addition to his research duties, Dr. Dove is a passionate scientist communicator and a compelling public speaker. He presented at TEDxPeachtree in 2015, has been a contributor and associate editor for DeepSeaNews.com, and actively engages the public about marine science and conservation from his two Twitter accounts @AlistairDove and @Wheres_Domino.
PLenary SESSIONS

Dr. Valerie Montgomery Rice, Morehouse School of Medicine

Friday, April 12, 1:15pm - 2:30pm
Convocation Center

Valerie Montgomery Rice, MD, FACOG, is the sixth president of Morehouse School of Medicine (MSM) and the first woman to lead the free-standing medical institution. Montgomery Rice serves as both the president and dean. A renowned infertility specialist and researcher, she most recently served as dean and executive vice president of MSM, where she has served since 2011.

Prior to joining MSM, Montgomery Rice held faculty positions and leadership roles at various health centers, including academic health centers. Most notably, she was the founding director of the Center for Women’s Health Research at Meharry Medical College, one of the nation’s first research centers devoted to studying diseases that disproportionately impact women of color.

Dedicated to the creation and advancement of health equity, Montgomery Rice lends her vast experience and talents to programs that enhance pipeline opportunities for academically diverse students, diversifies the physician and scientific workforce, and fosters equity in health care access and health outcomes. To this end, she holds membership in many organizations and boards, such as the following: National Academy of Medicine, National Center for Advancing Translational Sciences, Board of Directors for Kaiser Permanente School of Medicine, Board of Directors for The Nemours Foundation, Board of Directors for UnitedHealth Group, Ni-Q Medical Advisory Team and the Association of American Medical Colleges Council of Deans.

Montgomery Rice has received numerous accolades and honors. She was named to the Horatio Alger Association of Distinguished Americans and received the 2017 Horatio Alger Award. For two consecutive years (2016, 2017) Georgia Trend Magazine selected Montgomery Rice as one of the 100 Most Influential Georgians. Other honors include the following: Trumpet Vanguard Award (2015), The Dorothy Heights Crystal Stair Award (2014), National Coalition of 100 Black Women – Women of Impact (2014), YWCA – Women of Achievement (Atlanta-2014 and Nashville-2007), American Medical Women’s Association Elizabeth Blackwell Medal (2011) and Working Mother Media Multicultural Women’s Legacy Award (2011).

A Georgia native, Montgomery Rice holds a bachelor’s degree in chemistry from the Georgia Institute of Technology, a medical degree from Harvard Medical School and an honorary degree from the University of Massachusetts Medical School. She completed her residency in obstetrics and gynecology at Emory University School of Medicine and her fellowship in reproductive endocrinology and infertility at Hutzel Hospital.
NCUR 2019 MENTORING & LEADERSHIP SESSIONS

Are you interested in being mentored on a topic for which you’re interested or have a passion? Do you want to learn more from an expert in your field of interest? Sign up for a “lunch and learn” session while you’re at NCUR and you’ll join a small group of students and campus leaders for a lunchtime discussion. **Pre-registration required.**

**Thursday, April 11, 2019**
12:00pm - 12:50pm

**Queer Representation in Higher Education**
*Brandon Jackson and Ivan Pulinkala*
*University College Room 121*
A discussion on how to lead in college and in careers related to gender and sexuality issues.

**Facilitating Inclusive Education: Engaged Students with Disabilities**
*Joya Carter Hicks and Yen Rodriguez*
*English Building Room 250*
A discussion on awareness, ability, and culture and leadership in college and in the workplace.

**Leadership in Race & Ethnicity**
*Griselda Thomas and Roxanne Donovan*
*English Building Room 268*
A discussion of identity, social issues, and excellence as students of color.

**Opportunities within Sustainability**
*Carlton Usher*
*English Building Room 289*
A discussion on ecological and environmental issues and making change in college and beyond.

**African American Male Experience in Higher Education**
*Richard Mosholder and Tristan Glenn*
*Willingham Hall Room 126*
A discussion on Black males in higher education and ways to navigate struggles and find success.

**The Veteran College Experience**
*Neil Duchac*
*Willingham Hall Room 127*
A discussion of transition to college, life after college, and specific experiences related to military service.

**Architecture, Marginalization, & Advocacy**
*Michael Carroll*
*Willingham Hall Room 129*
A discussion on space, boundaries, and how buildings can divide people and bring them together.

**The Civil Rights Movement**
*Jeanne Bohannon*
*University College Room 122*
A discussion on specific movements for racial and ethnic equality in Atlanta.

**Architecture & Building Sustainable Communities**
*Elizabeth Martin and Edwin Akins*
*English Building Room 288*
A discussion about creating environments that foster collaboration, longevity, and strong relationships.
MENTORING & LEADERSHIP SESSIONS

Friday, April 12, 2019
12:15pm - 1:05pm

Women's Leadership in Business
Kat Schwaig and Loretta Daniels
University College Room 122
A discussion of gender identity and gender roles in private enterprise.

Sustainability Leadership: The Role of Higher Education in a Changing World
Pegah Zamani and Vanessa Slinger-Friedman
Social Sciences Room 3033
A discussion on ecological and environmental issues and making change in college and beyond.

Continuing to Serve - Veterans Leadership
Bob Maddox and Matthew Foley
English Building Room 250
A discussion of military service, leadership development, and success as a veteran.

Homelessness & Poverty
Marcy Stidum
English Building Room 268
A discussion of housing and food insecurity, college life, and academic success.

Civil Rights & Leadership
Tommy Jackson and Seneca Vaught
English Building Room 268
A discussion of historical leaders and how they strategized change efforts toward justice.

Disability Literacy & the Narrative of Success
Ann Bennett
Willingham Hall Room 126
A discussion of ability, how we read the world and the word, and personal happiness.

LGBTQ & Allies in College, Social Life, and Happiness
Dawn Baunach and Cameron Greensmith
Willingham Hall Room 127
A discussion on masculinity, sexuality, and finding friends and happiness in college.

Bilingualism & Future Educators
James Gambrell
Willingham Hall Room 129
A discussion on language ability among teachers and the success of diverse students.

Architecture, Community Engagement, & Inclusion
Mine Hashas-Degertekin
University College Room 202
A discussion of space, structure, and building communities where diverse people feel welcome.

Women in Sports
Agnus Berenato and Khadija Head
University College Room 121
A discussion about leadership among women athletes in college.

Understanding Veterans on Campus
Charles Parrot and Richard Sisk
English Building Room 289
A discussion focused on successes and challenges in transitioning to college.
NCUR 2019 SPECIAL INTEREST SESSIONS
Are you interested in being mentored on a topic for which you’re interested or have a passion? Do you want to learn more from an expert in your field of interest? Sign up for a “lunch and learn” session while you’re at NCUR and you’ll join a small group of students and campus leaders for a lunchtime discussion. **Pre-registration required.**

**Thursday, April 11, 2019**
1:00pm – 2:00pm and 2:15pm – 3:15pm

**Preparing for Graduate School in Business**
*Presenter: Daniel Audia & Dennis Marrow, Coles College of Business, Kennesaw State University*

**Burruss Building 372**
Ever considered an MBA or other graduate studies in the field of business? Even if your primary academic field is outside of business, the skills you develop through a graduate business curriculum can help your future professional success in any career field. Come learn what it takes to apply and successful achieve admission to a graduate business program.

**How to Get Published in a Professional Journal**
*Presenter: Dr. Gerald Mangine, Assistant Professor, Exercise Science and Sports Medicine, Kennesaw State University*

**Burruss Building 380**
You’ve done the research, what’s next? Wanting to enhance your resume/CV? Get published! Whether on your own or collaborating with other students or faculty, professional journal publications are an important part of getting established on your path to your career. Come learn from a seasoned professional the process and tips for success along your journey toward publication.

**The Kisses of Death in the Graduate School Application Process**
*Presenter: Dr. Drew Appleby, Indiana University-Purdue University Indianapolis*

**Burruss Building 381**
A survey of psychology graduate admissions committee chairs revealed five categories of mistakes applicants make that diminish their probability of acceptance. Come learn three key strategies that will decrease the likelihood of committing these mistakes in your graduate school application.

**How to Develop a Winning Resume or CV**
*Presenter: Claire Beaudro & Allie Wright, Career Planning and Development, Kennesaw State University*

**Burruss Building 382**
Most people know the basics for creating a resume, but how do you create one that makes you stand out from the crowd? What about a Curriculum Vitae (CV) – what makes that different from a resume? Come learn the differences and when to use each.
SPECIAL INTEREST SESSIONS

National and International Scholarships and Fellowships: Taking the Next Step  
Presenter: Dr. Michelle Miles, Director of National & International Scholarships & Fellowships, Kennesaw State University  
Burruss Building 383  
With so many prestigious and competitive undergraduate and postgraduate awards available, students can struggle knowing how to begin the process. Come learn the many ways to discover, select, and apply for scholarships, and the various elements that are required. Scholarship and fellowship options include Fulbright, Gilman, Goldwater, Rangel, Mitchell, Marshall, Rhodes, Carnegie, Gates, and more.

Igniting Entrepreneurship  
Presenter: Mark Hubbard, IgniteHQ President & CEO  
Burruss Building 384  
Want to be your own boss? Want to make a unique contribution to the world? Have the drive and entrepreneurial spirit to create a new organization? Not sure where to start? This is the session for you! IgniteHQ connects startups and entrepreneurs with international accelerators, funding opportunities and talent to scale globally.

Friday, April 12  
9:45am – 10:45am and 11:00am – 12:00pm  
Make Yourself More Competitive for Prestigious Nationally-competitive Scholarships  
Presenter: Dr. John Mateja, President, Goldwater Scholarship Foundation  
Burruss Building 380  
Applying for a prestigious national scholarship requires planning and preparation, often starting one to two years before an actual application is submitted. Dr. Mateja will use the application process for the Goldwater program, a competitive national scholarship for sophomores and juniors interested in pursuing research careers in the natural sciences, mathematics and engineering, as an example of how to prepare and to apply for one of these scholarships. Mateja, who was a first-generation-college student, will place particular emphasis on what students from underrepresented groups might consider doing to make themselves more competitive for these awards.

Come visit! If I know your story, I can help you plan. Goldwater Scholars and those who received honorable mentions who are attending NCUR 2019 are particularly invited to the session and to a “Meet and Greet” that will be held at 12:00 pm on Friday. During the session, Goldwater awardees will be invited to share their thoughts on their Goldwater application experience.
SPECIAL INTEREST SESSIONS

What is it like to be in Medical School?
Presenter: Dr. Lauren Fowler, Clinical Assistant Professor of Neuroscience, University of South Carolina School of Medicine Greenville

Burruss Building 381
Are you planning to go to medical school and want to know more about what it will be like? Dr. Fowler, a former undergraduate Neuroscience Program Director and advisor, now teaches Neuroscience at a medical school, and her transition from undergraduate advisor to medical school professor has taught her a few things.

Come learn about what she would recommend for students to do prior to going to medical school. This is not so much a discussion of how to get into medical school as it is an exploration of what you can do now to be successful once you go to medical school. Topics covered will include suggested courses to take prior to going to medical school, an overview of the medical school curriculum, information about a day in the life of a medical student, and questions you will want to ask when you go on an interview for medical school. There will be time for a question and answer session at the end of the presentation.

Developing a Rock Star Elevator Pitch & Interview Skills
Presenter: Jabari Scott & Lydia Henderson, Career Planning and Development, Kennesaw State University

Burruss Building 382
“What are your greatest strengths and weakness?” Oh the dreaded interview questions! Come learn critical interview skills to help you successfully navigate even the toughest of interviews. You will also learn the art of the “elevator pitch” – how to sell yourself to anyone in under one minute!

Semester At Sea: The World’s Coolest Campus
Presenter: Donald Coleman, Director of Orientation and Transition Programs, Kennesaw State University

Burruss Building 383
Imagine exploring a new country every week for a semester. Semester at Sea is a study abroad program of global voyages and experiential learning experiences on a floating campus. Attend this session to find out how you can you take this “voyage around the world” and research on a global level as a student, staff, or faculty member.
SPECIAL INTEREST SESSIONS

Leverage your International Experience to Compete in the Global Workforce
Presenter: Iyonka-Strawn-Valcey & Nadine Jones, International Programs & Education Abroad, Kennesaw State University

Burruss Building 384
Succeeding in a global society takes a special set of skills and experiences. International experience can be a critical tool in developing those skills, and setting yourself apart from other high achievers who are also competing for their place in the global workforce. Come learn how to leverage your international experiences, and find new opportunities, to set yourself up for a lifetime of success in the rapidly evolving global workforce.
GENERAL INFORMATION

INFORMATION ASSISTANCE
Information tables are located near registration in the Student Center and will be in all oral presentation buildings.
KSU volunteers are here to bring you the best NCUR experience possible. NCUR 2019 volunteers, wearing gold volunteer t-shirts, are located throughout the campus to help you with any questions you may have.
You can also call the NCUR InfoLine at 470-578-6737 or email us at ncur2019@kennesaw.edu.

NCUR 2019 T-SHIRT
All registered attendees receive a free black NCUR 2019 t-shirt. Please wear your t-shirt to the Big Event on Friday night (Atlanta Braves vs. New York Mets at SunTrust Park).

NCUR 2019 REUSABLE TRAVEL MUG
All registered attendees receive a free black NCUR 2019 reusable travel mug. Please remember to bring your mug every day to the conference to reduce the reliance on wasteful paper cups.

NCUR 2019 MOBILE APP
Download the mobile app for the most up-to-date information about NCUR 2019. The app allows you to search presentations, create your own schedule, contact other attendees, win prizes, and more.

Visit ncur.kennesaw.edu/app for instructions or simply download from the app store on your phone.

NCUR 2019 SOCIAL MEDIA
Contribute to the conversation about NCUR 2019 – use #NCUR2019. Follow us on:
• Twitter: https://twitter.com/NCUR2019
• Facebook: https://www.facebook.com/NCUR2019/
• Instagram: https://www.instagram.com/NCUR2019/

WIRELESS NETWORK ACCESS
Kennesaw State University provides wireless internet access in all buildings on campus. To connect to the NCUR Wi-Fi network, select the NCUR network on your device and enter the password below.

Wireless SSID: NCUR
Password: kennesaw

Contact the KSU Service Desk at 470-578-6999 if you have any problems connecting to the wireless network.

Usage Guidelines
Large meeting areas may experience slower speeds during peak times.
Do not utilize personal hot spots or Wi-Fi tethering as these degrade the wireless experience for all attendees.
This is a public internet connection and the use of a personal firewall is suggested.
GENERAL INFORMATION

KSU students, faculty and staff should continue to use the Kennesaw State University Wi-Fi network.

The NCUR wireless network should not be used inappropriately; in particular you should not use the network to:

• Send, receive or make available any material that might be considered offensive, obscene or indecent;

• Send, receive or make available any material that might infringe copyright, e.g. MP3 or other audio and video formats;

• Run peer-to-peer (P2P) file sharing software;

Intercept or attempt to intercept other wireless transmissions for the purposes of eavesdropping;

• Access or run utilities or services which might negatively impact on the overall performance of the network or deny access to the network, e.g. RF jamming, Denial of Service (DoS);

• Harass, cause annoyance, nuisance or inconvenience to others;

• Access or attempt to access systems or resources to which you are not authorized;

• Provide services which may interfere with normal network operation;

• Provide access to others, e.g. allowing a third party to use your credentials to access the network.

Misuse of the NCUR wireless network will be taken extremely seriously. Such misuse may lead to immediate permanent disconnection of any unapproved wireless networking equipment.

Deliberate or repeated breaches of this policy will result in, at minimum, ejection from NCUR events and possibly legal action pursuant to state and/or federal law.

ATM & BANKING SERVICES

ATMs are located on the first floor of the Student Center. Exit the registration area and make a right.

COPY/SHIPPING SERVICES

Talon Express is a mail center, print shop and retail outlet that offers a variety of services including:

• Campus print shop
• Art supply store
• Full service postal center

Talon Express is located on the second floor of the Student Center.

More information can be found here: https://talonexpress.kennesaw.edu/

Students who need to print a poster can visit the Teacher Resource and Activity Corner (TRAC), located on the second floor of Kennesaw Hall.

More information can be found here: https://bagwell.kennesaw.edu/units/trac/workroom.php
GENERAL INFORMATION

HOSPITAL & MEDICAL SERVICES
For medical and mental health emergencies, use the following phone numbers:
911 for off-campus emergencies
470-578-6666 for on-campus emergencies
Provide as much information as possible about your location and the nature of the emergency. First Aid is available on campus in the Student Center.

DINING SERVICES
All registrations, pre-paid or on-site, include breakfast and lunch with vegetarian options. You must show your NCUR badge/nametag for each breakfast and lunch.
Three dining locations are available on campus for NCUR attendees:
• Campus Green (located in the center of campus)
• Prillaman Quad (located between Prillaman Hall and The Commons)
• Pilcher Quad (located between Pilcher Hall and Social Science Building)

Complimentary continental breakfast is available on the Campus Green from 7 to 9 a.m. on Thursday, Friday and Saturday.

Complimentary lunch is available at all three dining locations the following days and times:
• Thursday, April 11: 11:30am – 2:00pm
• Friday, April 12: 11:15am – 1:15pm
• Saturday, April 13: 12:15pm – 2:00pm

For detailed menus each day, check out the mobile app.

OTHER DINING OPTIONS
Kennesaw State University has several dining locations should you want something other than what is offered for the complimentary meals.
• The Commons
• Starbucks (Social Sciences Building)
• Chick-fil-A (Student Center)
• Panda Express (Student Center)
• Hissho Sushi (Student Center)
• The Market (Student Center)
• STACK Sandwiches and Snacks (Burruss Building)

For more information, visit https://dining.kennesaw.edu/hours.php
TRANSPORTATION

HOTEL SHUTTLE SERVICE

NCUR 2019 will provide complimentary shuttle service from all NCUR-designated hotels.

If you are not staying at an NCUR-designated hotel, you may still ride the shuttle that picks up at the nearest conference hotel.

Shuttle service will be provided according to the schedule below and will run approximately every 10-20 minutes.

Shuttle service is available during the following times:

<table>
<thead>
<tr>
<th>Day</th>
<th>Morning</th>
<th>Afternoon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, April 11</td>
<td>6:30-10:00 a.m.</td>
<td>3:30-7:00 p.m.</td>
</tr>
<tr>
<td>Friday, April 12</td>
<td>6:30-10:00 a.m.</td>
<td>3:30-7:00 p.m.</td>
</tr>
<tr>
<td>Saturday, April 13</td>
<td>6:30 a.m.-1:30 p.m.</td>
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</tbody>
</table>

**NCUR HOTEL SHUTTLE ROUTES**
The campus shuttle stop is located outside the Siegel Student Recreation & Activities Center

<table>
<thead>
<tr>
<th>Route Name</th>
<th>Hotel</th>
<th>Address</th>
<th>Pick-up Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Route</td>
<td>Embassy Suites-Kennesaw</td>
<td>620 Chastain Rd. NW, Kennesaw, GA 30144</td>
<td>10 Minutes</td>
</tr>
<tr>
<td>Red Route</td>
<td>Fairfield Inn-Kennesaw</td>
<td>3425 Busbee Dr. NW, Kennesaw, GA 30144</td>
<td>15 Minutes</td>
</tr>
<tr>
<td></td>
<td>Kennesaw Inn</td>
<td>3375 Busbee Dr. NW, Kennesaw, GA 30144</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hampton Inn Kennesaw</td>
<td>3405 Busbee Dr, Kennesaw, GA 30144</td>
<td></td>
</tr>
<tr>
<td>Purple Route</td>
<td>Homewood Suites-Kennesaw</td>
<td>905 Cobb Pl Blvd NW, Kennesaw, GA 30144</td>
<td>15 Minutes</td>
</tr>
<tr>
<td></td>
<td>Hilton Garden Inn</td>
<td>895 Cobb Pl Blvd NW, Kennesaw, GA 30144</td>
<td></td>
</tr>
<tr>
<td>Route Name</td>
<td>Hotel</td>
<td>Address</td>
<td>Pick-up Frequency</td>
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<tr>
<td>Tan Route</td>
<td>Holiday Inn Express-Kennesaw</td>
<td>2485 George Busbee Pkwy NW, Kennesaw, GA 30144</td>
<td>20 Minutes</td>
</tr>
<tr>
<td></td>
<td>Towne Place Suites-Kennesaw</td>
<td>1074 Cobb PI Blvd NW, Kennesaw, GA 30144</td>
<td></td>
</tr>
<tr>
<td>Blue Route</td>
<td>Courtyard-Windy Hill</td>
<td>2045 S Park Place, Atlanta, GA 30339</td>
<td>20 Minutes</td>
</tr>
<tr>
<td></td>
<td>Doubletree-Marietta</td>
<td>2055 South Park Pl., Atlanta, GA 30339-2014</td>
<td></td>
</tr>
<tr>
<td>Green Route</td>
<td>Hyatt House</td>
<td>3595 Cumberland Blvd SE, Atlanta, GA 30339</td>
<td>20 Minutes</td>
</tr>
<tr>
<td></td>
<td>Marriott NW</td>
<td>200 Interstate N Cir SE, Atlanta, GA 30339</td>
<td></td>
</tr>
<tr>
<td>Yellow Route</td>
<td>Doubletree-Galleria</td>
<td>2780 Windy Ridge Parkway, Atlanta, GA 30339</td>
<td>20 Minutes</td>
</tr>
<tr>
<td></td>
<td>Omni-Galleria</td>
<td>900 Circle 75 Parkway, Suite 1260, Atlanta, GA 30339</td>
<td></td>
</tr>
<tr>
<td>Grey Route</td>
<td>Holiday Inn Express-Galleria</td>
<td>2855 Spring Hill Parkway, Smyrna GA 30080</td>
<td>20 Minutes</td>
</tr>
<tr>
<td></td>
<td>Sheraton Suites</td>
<td>2844 Cobb Parkway SE, Atlanta, GA 30339</td>
<td></td>
</tr>
<tr>
<td>Navy Route</td>
<td>Embassy Suites-Galleria</td>
<td>2815 Akers Mill Lane, Atlanta, GA 30339</td>
<td>20 Minutes</td>
</tr>
<tr>
<td>Black Route</td>
<td>Renaissance Waverly</td>
<td>2450 Galleria Parkway Atlanta, GA 30339</td>
<td>20 Minutes</td>
</tr>
<tr>
<td>Orange Route</td>
<td>La Quinta Inn-Kennesaw</td>
<td>560 Greers Chapel Dr NW, Kennesaw, GA 30144</td>
<td>15 Minutes</td>
</tr>
<tr>
<td></td>
<td>Courtyard Marriott-Kennesaw</td>
<td>540 Greers Chapel Dr. NW, Kennesaw, GA 30144</td>
<td></td>
</tr>
</tbody>
</table>
GENERAL INFORMATION

TRANSPORTATION

PARKING
Parking will be limited so please use the shuttle service provided to and from the NCUR hotels.
Complimentary parking at Kennesaw State University for NCUR attendees is located at:
3305 Busbee Drive NW
Kennesaw, GA 30144
Shuttle service between this parking lot and the Kennesaw Campus will run between 7 a.m. and 5 p.m. Thursday, April 11 through Saturday, April 13, 2019.

MARIETTA OPEN HOUSE TRANSPORTATION (THURSDAY)
There are several Thursday Open Houses at the Marietta Campus, which is about 9 miles away. KSU’s Big Owl Buses will run regularly between the Kennesaw campus and the Marietta campus if you are interested in one of the following Open Houses:
- College of Computing and Software Engineering - Design 2 Auditorium (I2)
- Southern Polytechnic College of Engineering and Engineering Technology - Engineering Technology Center 2nd Floor Lobby (Q)
- Department of Technical Communication and Interactive Design - Atrium Building Lobby (J)
The Open Houses begin at 5:00pm, so we recommend getting on a Big Owl Bus around 4:30pm. Big Owl Buses are available outside the Recreation Center – look for a bus with “Marietta” on the sign.
Volunteers will be available on the Marietta campus to direct you to the Open House locations. To download a Marietta campus map, visit http://kennesaw.edu/maps/. At the conclusion of your Marietta Campus Open House, please take a Big Owl Bus by 6:30pm back to the Kennesaw campus to get a shuttle to your hotel.

BIG EVENT TRANSPORTATION (FRIDAY)
Join us Friday, April 12, for our NCUR Friday Night Event, when the Atlanta Braves play the New York Mets at SunTrust Park. Shuttles will be available from the Kennesaw campus to SunTrust Park – search for these shuttles at the conclusion of the conference on Friday.
NCUR 2019 will not provide transportation at the end of the Big Event. Please note that hotels in the Battery area are typically walking distance to SunTrust Park and/or provide transportation. We recommend using Lyft or Uber to get back to your hotel at the conclusion of the evening.

EXCURSION TRANSPORTATION (SATURDAY)
If you have purchased transportation to the Saturday afternoon excursions, you can find your bus outside of the Recreation Center. Buses leave for excursions at 1pm.
GENERAL INFORMATION

LOST & FOUND
If you have lost or misplaced anything, check in at the Student Center Information Desk in the rotunda area.

LUGGAGE CHECK
If you need to check luggage while at the conference, visit the Siegel Recreation Center, Room 1090B.

STUDENT RESOURCES CENTER
125 Sturgis Library
11am - 3pm on Thursday April 11
11am - 1pm on Friday April 12
Faculty from the Council on Undergraduate Research and staff from Career Planning and Development at KSU will be on hand for students to drop in for one-on-one assistance with resumes/CVs, suggestions for applying for research internships, feedback on presentation skills, and other professional development topics.

Students are encouraged to bring their current resume/CV with them for critiques, especially as it relates to highlighting research experiences and accomplishments. This is a unique opportunity to get materials and advice from friendly professionals outside of your college or university.

STUDENT LOUNGE
The library has a wealth of resources for students, including practice rooms for your presentation, complimentary computer labs, and more (101 Sturgis Library).

FACULTY LOUNGE
Faculty, staff, administrators, and exhibitors are invited to enjoy complimentary refreshments in the Convocation Center, room 3027 (Hospitality Suite) whenever the conference is open.

LACTATION ROOMS
Designated lactation rooms are available in the following locations:
- Prillaman Hall room 3000
- English Building room 197A

PRAYER ROOM
A prayer room is available to all NCUR attendees of all faiths in the Student Center, room 303.

GENDER NEUTRAL RESTROOMS
KENNESAW CAMPUS
- Science Building (4 total): 2nd, 3rd, 4th, and 5th floors
- Math & Statistics Building (2 total): Ground Floor
- Student Center (1 total): 2nd floor, across from 5/3rd Bank
- Kennesaw Hall (1 total): 1st floor, Administration Side
- University College (1 total): 2nd Floor
- Wilson Annex: 2 gendered single stall restrooms on 2nd floor
- Prillaman Hall (2 total): 1st & 2nd floor, near northwest stairs
- Siegel Student Recreation & Activities Center
  Gender Neutral Locker Room & Showers; next to pool entrance
NCUR 2019 ART COMPETITION: CIVIL RIGHTS MOVEMENT

Atlanta, home to Dr. Martin Luther King Jr., Coretta Scott King, Ralph Abernathy, Gay McDougall, and other notable civil rights icons and leaders, is recognized for its avid civil rights history and as one of the fastest growing and most diverse cities in the United States.

The 2019 NCUR Art Competition, Journeys Through the Civil Rights Movement: Then and Now, invites students to express the civil rights movement through art. Namely, we are focused on what the civil rights movement means to you, whether it is through an interpretation of past events, or how you conceive of civil rights today.

Submissions for the art competition are displayed in the MAC Gym in the Siegel Student Recreation Center. Visit the art exhibit and vote using the mobile app. Prizes will be awarded during the closing plenary.
GRADUATE SCHOOL FAIR
Thursday, April 11, 10:45am - 5:00pm
Friday, April 12, 8:30am - 5:00pm
Siegel Student Recreation and Activity Center

The Graduate School Fair will be held in the same place as the poster session in the Siegel Student Recreation and Activity Center. Explore nearly 100 graduate and professional school opportunities. Representatives will be available to talk with prospective students about higher education opportunities.

Below is a list of the participating institutions:

Auburn University Graduate School
Carnegie Mellon University – Heinz College Office of Admissions
Case Western Reserve University Mandel School of Applied Social Sciences
Case Western Reserve University (SOURCE)
Cold Spring Harbor Laboratory – Biological Sciences
College of Charleston – Biology
Colorado State University – Economic Science & Sustainability
Columbia University School of Engineering and Applied Science
Drexel University Office of Graduate Admissions
Duquesne University Office of Graduate Admissions
Embry-Riddle Aeronautical University Office of Admissions
Emory University Laney Graduate School
Florida International University Office of Graduate Admissions
George Mason University College of Humanities and Social Sciences
George Washington University School of Engineering and Applied Science
Indiana University – Bloomington Department of Biology
Indiana University School of Medicine – Biomedical Science Graduate Programs
Journal of Student Research
Kennesaw State University – School of Conflict Management Peacebuilding & Development
Kennesaw State University – MS in International Policy Management
LaGrange College Department of Education
LaGrange College Department of Exercise Science
LIFE University Office of Enrollment
EVENTS

Lynn University Graduate Admissions Office
Marian University Graduate School
Michigan Technological University Graduate School
Montana State University Graduate School
Murray State University Graduate School
North Carolina State University, The Graduate School
New Mexico Institute of Mining & Technology Center for Graduate Studies
NAID – NIH – Oxford-Cambridge Scholars Program
Northwestern University The Graduate School
North Carolina State University Comparative Biomedical Sciences
North Dakota State University Graduate School
NSF Graduate Research Fellowship Program
NYU Tandon School of Engineering Office of Graduate Enrollment
Portland State University Graduate School
Rensselaer Polytechnic Institute Office of Graduate Admissions
Rosalind Franklin University of Medicine and Science School of Graduate and Postdoctoral Studies
Salisbury University – OURCA

SIT Graduate Institute Office of Graduate Admissions
St. Jude Children’s Research Hospital Graduate School of Biomedical Sciences
Syracuse University Maxwell School of Public Administration and International Affairs
Temple University Graduate School
Temple University Mechanical Engineering Department
Texas Woman’s University College of Professional Education
Texas Woman’s University Office of Graduate School Admissions
The Fulbright U.S. Student Program – Outreach and Recruitment
The University of Alabama in Huntsville Graduate School and International Services
The University of Chicago Office of Graduate Admissions
The University of Georgia Graduate School
The University of Texas at Arlington – Recruitment
The University of Texas at San Antonio, The Graduate School
University of North Carolina Charlotte Data Science Institute
University of Alabama, The Graduate School
University of Alabama at Birmingham – MED ED; MD-PhD Program
EVENTS

University of Alabama at Birmingham Graduate School
University of Central Florida College of Graduate Studies
University of Colorado Denver-Anschutz Graduate School
University of Florida, The Graduate School
University of Georgia College of Public Health
University of Illinois Springfield Office of Admissions
University of Illinois Champaign Urbana Department of Human Development and Family Studies
University of Iowa Graduate College
University of Kentucky School of Information Science
University of Maryland School of Medicine Graduate Program in Life Sciences
University of Miami Rosenstiel School of Marine and Atmospheric Science
University of Minnesota Graduate School & College of Biological Sciences
University of Minnesota Duluth Department of Biology
University of Minnesota, Twin Cities Department of Computer Science & Engineering
University of Nebraska – Lincoln Graduate Studies

University of Nebraska Medical Center College of Public Health
University of North Carolina Charlotte Graduate School
University of North Georgia CURCA
University of North Texas Toulouse Graduate School
University of Pittsburgh School of Health and Rehabilitation Sciences
University of South Florida College of Pharmacy
University of Southern California Programs in Biomedical & Biological Sciences
University of Texas at Dallas – Bioengineering
University of Vermont College of Engineering and Mathematical Sciences
University of Wisconsin Milwaukee Graduate School
Virginia Commonwealth University Graduate Education Programs
Virginia Technological University Graduate School
VITL Life Science Solutions – ITL Virginia Inc
Washington University Division of Biology & Biomedical Sciences
West Virginia University Office of Research and Graduate Education
Wilkes University Graduate Admissions
EVENTS

CAREER FAIR

Wednesday, April 10, 11:00am – 3:00pm
Cobb Galleria
2 Galleria Pkwy SE
Atlanta, GA 30339
Exhibit Hall D

NCUR Attendees are welcome to attend the Georgia Association of Colleges and Employers (GACE) Statewide Career Fair. This is the largest college career fair in the state of Georgia, with over 160 participating employers and nearly 1,000 attendees annually. This event is not open to the public.

To gain entry into the fair, NCUR attendees will need to provide:
1. A printed copy of their NCUR registration.
2. A copy of their resume to leave at the registration desk (this is for data collection only)

Attendees must dress in business attire to be admitted to the event.

KSU SCHOOL OF MUSIC STUDENT COMPOSERS RECITAL

Wednesday, April 10, 8:00pm
Morgan Concert Hall
488 Prillaman Way NW
Kennesaw, GA 30144

Special $5 Tickets for NCUR Participants. Pre-registration required.

This special program features world-premiere performances of original works created by current student composers of the KSU School of Music under the supervision of KSU Composer-in-Residence, Dr. Laurence Sherr, and faculty composer Jennifer Mitchell. An exciting feature of the concert will be the premiere of a 30-minute, Broadway-style musical by Nicholas Felder. The musical, titled Rick and Josie, is a love story performed by students in the School of Music and Department of Theater and Performance Studies with accompaniment by faculty member Judy Cole. Also featured will be a woodwind quintet by Ben Champion plus several additional student works. Nicholas Felder will give an NCUR presentation about his musical the following day, April 11, at 2:55 PM in Morgan Hall.
COLLEGE OF THE ARTS CAMPUS GREEN EVENT

Thursday, April 11, 12:00pm – 2:00pm
Campus Green

The KSU College of the Arts presents an inter-departmental collaborative and interactive event on the Campus Green that cuts across the disciplines of visual art, dance, music and theater.

School of Art and Design Print XL!
12:00pm – 2:00pm
The goal of Print XL! reflects the mission of the Kennesaw State University printmaking concentration – to support and celebrate the vitality of printmaking and to educate the community about this historic image-making medium. The focus of Print XL! is large-scale research-based creativity and collaboration. Participating groups from a juried pool of participants featuring artists, community organizations, and college and university students will design wood-blocks that will be printed on the day of the event with a steamroller. NCUR attendees will have an opportunity to observe and assist with the printing process and acquire sections of the resulting prints.

Department of Dance and School of Music
12:30pm – 1:00pm
The KSU Department of Dance presents an improvisational dance performance based on the idea that inspiration and research material are all around us, if we simply look. Using the topography and architecture of the campus green as a foundation for their structural choices, the dance students will pull shapes and motifs from their environment and into their bodies. To create an interactive and situational aspect to the performance, the dancers will also gather movement ideas from the attendees of the conference. This event will be accompanied by the School of Music’s Percussion Ensemble.

Theater and Performance Studies Musical Theater Sing Along
1:15pm – 2:00pm
Theater performance majors will perform a selection of popular musical theater numbers using wireless mics and screens with projected words. NCUR attendees will have the opportunity to participate in this karaoke-style event.
OPEN HOUSES, RECEPTIONS, AND TOURS
Thursday, April 11, 2019, 4:30pm – 6:30pm
Various Locations

The NCUR Open Houses, Receptions, and Tours provide an excellent opportunity for participants to network with peers and colleagues who are pursuing the same academic and professional interests, and learn more about the unique programs and facilities that KSU offers for both undergraduate and graduate research and studies across a variety of fields.

Shuttles will be available from Kennesaw Campus to Marietta Campus, and from both campuses back to hotel areas at the conclusion of the Open Houses.

KENNESAW CAMPUS - 4:30PM – 6:00PM

Bagwell College of Education – Bagwell Education Building Lobby (ECF)
The Bagwell College of Education welcomes you to our interactive open house! Come and explore the innovative programs and experiences that MAKE the Bagwell College of Education the best choice for your graduate degree. The iTeach MakerBus, ITEC Innovation Lab, Universal Design for Learning Lab (UDLab), and the Teacher Resource & Activity Corner (TRAC) will be available to explore, and participating in our #BCOESelfieStation could earn you some great swag. Refreshments will be provided. We look forward to meeting you! To learn more about our graduate programs, check out our website: https://bagwell.kennesaw.edu/

We offer online, hybrid, and face-to-face graduate programs designed for teachers and leaders including: Master of Arts in Teaching (MAT), Master of Education (M.Ed.), Education Specialist (Ed.S.), Doctor of Education (Ed.D.), and Endorsements and Certificates. Multiple disciplines are offered in each degree (Curriculum and Instruction, Educational Leadership, Elementary and Early Childhood Education, Inclusive Education, Instructional Technology, Secondary and Middle Grades Education, and Teacher Leadership). Join us to learn more!

College of the Arts – Bailey Center Lobby (PH) & Visual Arts Building Lobby (VA)

Bailey Center Building, the Henriquez Atrium Lobby
The School of Music Open House invites guests to tour our facilities, learn about the major achievements of our students, and view an open rehearsal in our main performance hall.
School of Art and Design Lobby
The School of Art and Design Open House gives the community and students the opportunity to walk a self-guided tour of the Visual Arts Building while classes are in session. Visitors can explore studio classes, meet and talk with faculty, listen to class discussions, and watch students work on their art making process. Art Education will host an opportunity for guests to engage in art making and Art History faculty and students will share information about the program.

College of Humanities and Social Sciences – Social Sciences Building Lobby (SO)
The College of Humanities and Social Sciences at Kennesaw State University has a strong tradition of faculty and student research collaboration. We invite you to visit our exhibits, meet our faculty and students, and share your own experiences with and interest in the dynamic disciplines of our college. You will also learn about our graduate programs. Participating departments on the Kennesaw Campus include Communication and Media; Conflict Management, Peacebuilding, and Development; English; Government and International Affairs; Geography and Anthropology; History and Philosophy; Interdisciplinary Studies; Psychological Science; Sociology and Criminal Justice; and Technical Communication and Interactive Design on the Marietta campus.

College of Science and Mathematics – Science Building Lobby (SC)
The College of Science and Mathematics (CSM) prepares students for success through innovative, quality academic experiences in the areas of physical sciences, life sciences and mathematical processes. By combining high level research activity and state-of-the-art teaching facilities along with interdisciplinary courses, our students are prepared for graduate studies and careers to meet tomorrow’s challenges. Discover your future among our degree programs customized to distinguish yourself! Welcome to the NCUR 2019 Open House. https://csm.kennesaw.edu/

Honors College Reception – Prillaman Hall Indoor Plaza (HS1001)
The Honors College at Kennesaw State University will host an evening reception for Honors students attending and presenting at the National Conference for Undergraduate Research (NCUR). Honors students from all universities are invited to attend. The event will consist of door prizes and KSU’s Honors College will provide hors d’oeuvres and a dessert bar.
Joel A. Katz Music and Entertainment Business Program (MEBUS) – Campus Loop Road House 3209

Part of the Michael J. Coles College of Business, the Joel A. Katz Music and Entertainment Business Program (MEBUS) is a 24-credit certificate program offering three capstone courses in music & entertainment business. Courses include marketing, management, audio and video production; entrepreneurship, communication electives, and unique internships that provide hands-on learning experiences that prepare students for successful careers in the entertainment industry. The Joel A. Katz MEBUS Program is open to all KSU undergraduate majors with a desire to work in the entertainment industry in areas such as film and television production, audio and video technology, venue and artist management, and concert and event production. For more information, contact Haley-Kate Daykin (hdaykin@kennesaw.edu / 470-578-7670) or visit www.ksumebus.com.

Wellstar College of Health and Human Services – Prillaman Health Sciences Lobby (HS)

The Graduate Degree Programs in the WellStar College of Health and Human Services provide access to numerous careers with great job prospects and prepare graduate to make a difference in the world and the lives of other people. Tour Prillaman Hall's nearly 200,000 sq ft of educational and lab space including: 15 health, science, and interdisciplinary laboratories, 13,000 sq ft of nursing lab space, the nursing school's first pediatric lab, and the BioMarker’s Laboratory houses some of the most up-to-date equipment available for biological sample analysis and research.

Master of Science in Applied Exercise & Health Science

Department of Social Work and Human Services - MSW MBA Dual Degree

WellStar School of Nursing: Nursing Education Leadership in a Digital World, Nursing Administration, WellStar Primary Care Nurse Practitioner, BSN to RN Accelerated Program

Sustainability Tour - The Commons Dining Hall

Come join KSU's Green Ambassadors for a sustainability tour of campus. Participants will explore on-campus gardens and the arboretum; view the energy dashboard and innovative recycling infrastructure; visit the award-winning dining hall and other LEED-certified-green buildings; and learn about how the university incorporates sustainability into their operations and campus culture. The tour will begin in front of The Commons Dining Hall. Take a 30-minute walking tour and learn about green buildings, sustainable dining, renewable energy, commute alternatives, and other sustainability initiatives at KSU.
EVENTS

MARIETTA CAMPUS - 5:00PM - 6:30PM
College of Computing and Software Engineering – Design 2 Auditorium (I2)

If you want to make a difference and have an impact on the world around you through computing degrees, the College of Computing and Software Engineering at Kennesaw State University is for you! Join our open house and have fun at Sonic Pi Party where you will use open source live coding synthesizer to compose and perform music (no coding experience is required) and listen to an exciting innovation talk: Social Machines: The Coming Collision of Artificial Intelligence, Social Networking, and Humanity. You will also learn about our three master’s programs: Information Technology, Computer Science and Software Engineering http://ccse.kennesaw.edu/masterdegrees

Southern Polytechnic College of Engineering and Engineering Technology – Engineering Technology Center 2nd Floor Lobby (Q)

Visit the Southern Polytechnic College of Engineering and Engineering Technology (SPCEET) where the hallmark of its programs is the combination of academic rigor and practical skills to prepare graduates for immediate impact in their jobs after graduation. In addition to the other six majors, SPCEET will provide a showcase of Mechatronics Engineering, which was chosen as one of eight hot majors by US News & World Report 2018. From the first semester where freshman students design and build trebuchets to launch pumpkins across campus to senior-level capstone design projects with self-driving automobiles, SPCEET challenges students throughout the curriculum to innovate and create. On display will be state-of-the-art aircraft engine simulators and industrial-size robotic arms working together, among other things, in our comprehensive 3D printing lab. Join us for tours of the engineering laboratories and demonstrations of equipment. Learn more about how KSU’s College of Engineering is transforming students into Georgia engineers at: ENGINEERING.KENNESAW.EDU

Department of Technical Communication and Interactive Design (CHSS) – Atrium Building Lobby (J)

The College of Humanities and Social Sciences at Kennesaw State University has a strong tradition of faculty and student research collaboration. We invite you to visit our exhibits, meet our faculty and students, and share your own experiences with and interest in the dynamic disciplines of our college. You will also learn about our graduate programs. Participating departments on the Kennesaw Campus include Communication and Media; Conflict Management, Peacebuilding, and Development; English; Government and International Affairs; Geography and Anthropology; History and Philosophy; Interdisciplinary Studies; Psychological Science; Sociology and Criminal Justice; and Technical Communication and Interactive Design on the Marietta campus.
THURSDAY EVENING AFFINITY SOCIALS
Thursday, April 11, 5:00pm - 7:00pm
Student Center

KSU is excited to introduce three Affinity Socials to the 2019 NCUR experience. All conference participants are invited to attend the International, LGBTQ, or Students of Color socials, which will take place concurrently in the Student Center and will include food, fun, and fellowship. Come just to one or attend all three!

NCUR 2019 THURSDAY NIGHT THEATER AND DINNER EVENT
Thursday, April 11, 5:00pm - 7:00pm
The Commons Dining Hall
540 Parliament Gardens Way

The Commons Dining Hall will open from 5-7pm for dinner and then walk over to the Stillwell Theatre (471 Bartow Ave) at 7pm for the show.

Intersections of American Identity
The Kennesaw State University Department of Theatre and Performance Studies (TPS) presents Intersections of American Identity, an incredible night of dinner and performance that showcases why our students are the artists and makers of the future. Via rousing performance selections from the Tony Award winning musical Ragtime, our spirited Teller’s storytelling ensemble, and our lively comedy improv troupe KISS, Intersections of American Identity asks the question: What does it mean to be American at the turn of the 21st century?

A pre-reserved online ticket is required to get into the Commons and the show.

NCUR 2019 FRIDAY NIGHT BIG EVENT
Friday, April 12, 5:00pm
SunTrust Park

5:00pm - 6:00pm  Buses depart
7:20pm  Game begins

Join us Friday, April 12, for our NCUR Friday Night Event!

Explore the restaurants and shops of the newly-opened Battery Atlanta near SunTrust Park, then head over to the Atlanta Braves vs. New York Mets home game.

Wear your free NCUR t-shirt to the game to show your NCUR pride!

Pre-registration required for this event.

Note: Shuttles from the Kennesaw campus to SunTrust Park will be available; however, you must provide your own return transportation. Please note that hotels near the Battery are either walking distance or often provide free shuttle service. No refunds available for the baseball game tickets.
NCUR 2019 OPTIONAL EXCURSIONS

Saturday, April 13, 1:00pm
Various Locations - Departing from the Betty Siegel Recreation & Activities Center

Pre-registration was required for these events.

Note: Transportation is available to the following events; however, you must provide your own return transportation. You are not required to sign-up for transportation. No refunds available for excursions or transportation.

If you pre-registered for transportation, your bus departure will be from the Betty Siegel Recreation & Activities Center at 1:00 pm.

Excursion #1: The Legacy of Martin Luther King, Jr – Free, Guided Tour

Encompassing nearly 35 acres, the fun, family-friendly and free Martin Luther King Jr. National Historic Site is composed of landmarks, modern-day monuments, and facilities. Take a journey through the underlying historical struggles of the South as well as the life and legacy of Dr. Martin Luther King Jr.

Excursion #2: Explore the City – Price Varies, Self-guided

Explore some of the top attractions in Atlanta! From puffins at the Georgia Aquarium to trying Coca-Cola samples from around the world, Atlanta is the place to be. The CityPASS includes admission to numerous Atlanta attractions, including the following:

- Georgia Aquarium
- World of Coca-Cola
- CNN Studio Tours
- Center for Civil and Human Rights
- College Football Hall of Fame

CityPASS ($76) Information at www.citypass.com/atlanta

Skip the ticket line at Atlanta’s most popular attractions with a CityPASS. Marvel at the Georgia Aquarium, World of Coca Cola, and the CNN Studio Tours. Plus, choose to complete your experience by visiting sites like Zoo Atlanta or the Fernbank Museum of Natural History.

Excursion #3: Nature Tour – Free, Guided Hike

Hike a challenging 2.4 miles roundtrip on the Big Mountain Trail, climbing Kennesaw Mountain, the site of a Civil War battle, to breathtaking Atlanta skyline views. The Kennesaw Mountain Trail climbs a rocky, shaded, steeply-pitched terrain to the summit – a moderately
challenging, but relatively short, hike. The summit views make the effort worthwhile, though: From the summit, the Atlanta skyline and Stone Mountain are visible on the distant horizon.

Kennesaw Mountain was the site of a major Civil War battle in the Battle of Atlanta. It’s now both a battlefield memorial and expansive park for outdoor enjoyment, with an extensive network of hiking and running trails. This hike on the Kennesaw Mountain Trail explores the mountain’s natural landscapes and features both beautiful views and historic spaces.

Excursion #4: Flower Tour – Price Varies, Self-guided

Botanical Gardens
The Atlanta Botanical Garden is a 30-acre botanical garden located adjacent to Piedmont Park. Enjoy the 600-foot-long Kendeda Canopy Walk through the treetops of Storza Woods, and loop back through the Fuqua Orchid Center. Exhibition areas include the Tropical Rotunda, the Desert House, and the Orangerie.

Dogwood Festival
Spring is in the air and that can mean just one thing in Atlanta: The Atlanta Dogwood Festival is back! The Dogwoods are in full bloom, and hundreds of artists from around the country will set up their tents for the 84th Annual Atlanta Dogwood Festival.

Excursion #5: Choose Your Own Adventure
Looking for more options and events? Explore Atlanta PlanIt at atlantaplanit.wabe.org for the latest!

Excursion #6: Bike Excursion – $10.00
Join KSU’s Outdoor Adventures on a Bike Excursion on April 13 from 1-3pm. The KSU Bike Shop will provide bicycles and helmets for all participants. This guided group ride will be an out and back route on a paved bike trail called the Noon Day Creek Trail. The route will be no more than 7 miles. Wear comfortable workout clothing for the weather as well as closed toe athletic shoes. Bring a water bottle to carry with you on the bike.

Note: a signed waiver is required prior to participation.
<table>
<thead>
<tr>
<th>SESSIONS</th>
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<th>FACULTY ADMINISTRATOR NETWORK (FAN) SESSIONS</th>
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| **FAN ORAL SESSION 1**                       | **THU 12:00PM-12:50PM** | **BURRUSS BUILDING 105 - FAN** | 12:00-12:50 p.m.  
Creating a Research Culture at the Undergraduate Level: Case Study - PANAMA  
Elida de Obaldia, Alexis Tejedor, Gloria Valderrama, Universidad Tecnológica de Panamá |
| **BURRUSS BUILDING 108 - FAN**               | **12:00-12:50 p.m.** |                  | Filling the Gap: Improving Access and Assessing the Impact of Undergraduate Research  
Catherine Chan, LaVar Charleston, University of Wisconsin - Whitewater                |
| **BURRUSS BUILDING 109 - FAN**               | **12:00-12:50 p.m.** |                  | Incorporating Student-designed Research Projects into the Undergraduate Chemistry Curriculum  
Amy Greene, Albright College                                                             |
| **BURRUSS BUILDING 114 - FAN**               | **12:00-12:50 p.m.** |                  | The “Heart of the Matter”: Creating an Inclusive Institutional Culture That Recognizes and Values the Importance of Research in Both STEM and the Humanities  
Andrew Lee, Fort Valley State University                                                   |
| **BURRUSS BUILDING 117 - FAN**               | **12:00-12:50 p.m.** |                  | The Art of “Conferencing”  
Jerylme Robins, Texas Tech University                                                     |
| **BURRUSS BUILDING 152 - FAN**               | **12:00-12:50 p.m.** |                  | Tissue Culture Based Research in the Undergraduate Classroom: You Can Do It. The CBEC Can Help  
Nathan Reyna, Lori Hensley, Ouachita Baptist University                                   |
| **FAN ORAL SESSION 2**                       | **FRI 7:30AM-8:20AM** | **BURRUSS BUILDING 105 - FAN** | 7:30-8:20 a.m.  
Broadening Diversity and Inclusion in Undergraduate Research Through Federal Work Study  
Jasmyne Rogers, Karen Lee, George Mason University                                           |
| **BURRUSS BUILDING 108 - FAN**               | **7:30-8:20 a.m.**  |                  | Transformative, Meaningful Learning Experiences in Undergraduate Research  
Leann Laubach, Barbara Arnold, University of Central Oklahoma                              |
| **BURRUSS BUILDING 109 - FAN**               | **7:30-8:20 a.m.**  |                  | Systems for Reducing Subjectivity in the Research Evaluation Process  
Cheryl Bowers, University of Memphis-Lambuth                                               |
| **BURRUSS BUILDING 114 - FAN**               | **7:30-8:20 a.m.**  |                  | First Steps: Creating an IRB Protocol to Assess Value and Impact in Undergraduate Research  
Lara Smith-Sitton, Kennesaw State University                                               |
| **BURRUSS BUILDING 117 - FAN**               | **7:30-8:20 a.m.**  |                  | Conducting Undergraduate Research Through Partnership with Community  
Tsu-Ming Chiang, Doreen Sams, Ke Ma, Georgia College and State University                  |
| **BURRUSS BUILDING 152 - FAN**               | **7:30-8:20 a.m.**  |                  | Challenges of Developing a Course-based Undergraduate Research Experience (CURE) on Beer Fermentation  
Benjie Blair, Christopher Murdock, Jacksonville State University                           |
FAN ORAL SESSION 3 -  
FRI 12:15PM-1:05PM

BURRUSS BUILDING 105 - FAN
12:15-1:05 p.m.
Moving Beyond Mentoring: Understanding Undergraduate Research As a Coming of Age Endeavor
Crystal Bickford, Southern New Hampshire University

BURRUSS BUILDING 108 - FAN
12:15-1:05 p.m.
It's Not Rocket Science: Creating Partnerships Between Undergraduates and NASA
Kaela Martin, Anne Boettcher, Embry-Riddle Aeronautical University

BURRUSS BUILDING 109 - FAN
12:15-1:05 p.m.
Integrating Research into Coursework: LEAPing to Undergraduate Research
Hasitha Mahabaduge, Georgia College and State University

BURRUSS BUILDING 114 - FAN
12:15-1:05 p.m.
ExtendingGreaterInclusion to Diverse Students, Mentors, and Disciplines Through Undergraduate Research Fellows Peer-mentor Ambassadors
Chrys Egan, Jessica Clark, Salisbury University

BURRUSS BUILDING 117 - FAN
12:15-1:05 p.m.
Effective Pedagogy for Teaching Research Methods: A Progress Driven Design for Preparing Undergraduate Researchers for Graduate Level Research
Ashley Garrin, Lynn Lundy Evans, Thelma Harding, Iowa State University

BURRUSS BUILDING 152 - FAN
12:15-1:05 p.m.
Converting Courses into Undergraduate Research Experiences
Gregory Young, Montana State University Bozeman

FAN ORAL SESSION 4 -  
SAT 7:30AM-8:20AM

BURRUSS BUILDING 105 - FAN
7:30-8:20 a.m.
Sycamore Undergraduate Research Fellowships: A Low Cost, High Impact, Investment in Undergraduate Research
Thomas Steiger, Madelyn Brinkman, Kelly Pierce, Sarah Wurtz, Indiana State University

BURRUSS BUILDING 108 - FAN
7:30-8:20 a.m.
Navigating Self-Doubt in Medical Research: Turning Fear into Triumph in 12 Not-so-easy Weeks
Louise Lawson, Nicole Ferguson, Kimberly Gardner, Kennesaw State University

BURRUSS BUILDING 109 - FAN
7:30-8:20 a.m.
Making Every Student a CUR Student
Amanda Reamer, Westmoreland County Community College

BURRUSS BUILDING 114 - FAN
7:30-8:20 a.m.
Getting It Published: Undergraduate Research Journal Opportunities
Miriam Segura-Totten, Anastasia Lin, University of North Georgia

BURRUSS BUILDING 117 - FAN
7:30-8:20 a.m.
Design for Delivery: Using Transparency in Learning and Teaching (TILT) to Achieve Outcomes
Carmen Skaggs, Mariko Izumi, Kennesaw State University

BURRUSS BUILDING 152 - FAN
7:30-8:20 a.m.
Applied Research as a Bridge Between Theory and Practice
Elizabeth Martin-Malikian, Ameen Farooq, M. Saleh Uddin, Kennesaw State University
STUDENT PERFORMING ARTS SESSION 3 - THU 2:15PM-3:15PM

MORGAN HALL
Theatre/Drama
2:15-2:35 p.m.
Dishing It Out: A Culinary History of Gender Politics in U.S. Theatre
Ann Folino White, Yaletzy Alaniz, Abigail Byrne, Margo Skornia, Michigan State University

2:35-2:55 p.m.
Once Upon A Place; Fairytales as a Mechanism for Spreading Environmentalism
Dylan Carter, Kennesaw State University

Music
2:55-3:15 p.m.
Utilizing Influences from Various Styles and Genres in My Musical Theatre Work
Nicholas Felder, Kennesaw State University

STUDENT PERFORMING ARTS SESSION 4 - THU 3:30PM-4:30PM

MORGAN HALL
Music
3:30-3:50 p.m.
Gu
John Levee, Stetson University

3:50-4:10 p.m.
Quality Repertoire of New Works for Clarinet and Saxophone Duo
Jonathan Steltzer, Matthew Hodgetts, Kennesaw State University

STUDENT PERFORMING ARTS SESSION 5 - FRI 8:30AM-9:30AM

MORGAN HALL
Psychology
8:50-9:10 a.m.
Analysis of Mental Health and Identity Issues Through Theatre
Taylor Kodric, California University of Pennsylvania

Music
9:10-9:30 a.m.
The Bass Clarinet Liberated: The Expanded Textural Universe of Eric Mandat’s “Chips Off the Ol’ Block”
Taylor Barlow, University of North Carolina at Greensboro

STUDENT PERFORMING ARTS SESSION 6 - FRI 9:45AM-10:45AM

MORGAN HALL
Music
10:05-10:25 a.m.
Producing a Musical in Secondary Education
Claire Pappas, Tessa Walker, Matthew Welsh, Jeremiah Robinson, Kennesaw State University

10:25-10:45 a.m.
Edward MacDowell’s Contributions to American Music During the Late Romantic Period
Savannah Bennett, Western Carolina University
STUDENT PERFORMING ARTS SESSION 7 -
FRI 11:00AM-12:00PM

MORGAN HALL

Film/Photography Studies
11:00-11:20 a.m.
Cross-Cutting the Male Gaze: An Exploration of Theory and Practice in Feminist Filmmaking
Abigail Thompson, Hamline University

Music
11:20-11:40 a.m.
Rossini and the Clarinet: A Presentation of Works for Clarinet by Gioachino Rossini
Matthew Hodgetts, Kennesaw State University

11:40 a.m.-12:00 p.m.
“Theme and Variations on an Egyptian Folksong” by Gamal Abdel-Rahim
Esther Jones, Eastern Connecticut State University

STUDENT PERFORMING ARTS SESSION 8 -
FRI 2:45PM-3:45PM

ONYX THEATRE

Dance
2:45-3:05 p.m.
Returning to the Life of Movement: Somatic Principles Applied to American Smooth Ballroom Dance
Nicholas Harding, Yume Yoshida, Utah Valley University

3:05-3:25 p.m.
Devouring Time: Connecting with Dance Through the Lens of Spoken Word
Sophie Nash, Rebecca Oberstadt, State University of New York - Brockport

3:25-3:45 p.m.
Commonalities Across the World’s Physical Languages
Jessica Norris, Emric Thompson, Utah Valley University

STUDENT PERFORMING ARTS SESSION 9 -
FRI 4:00PM-5:00PM

MORGAN HALL

Music
11:20-11:40 a.m.
Rossini and the Clarinet: A Presentation of Works for Clarinet by Gioachino Rossini
Matthew Hodgetts, Kennesaw State University

11:40 a.m.-12:00 p.m.
“Theme and Variations on an Egyptian Folksong” by Gamal Abdel-Rahim
Esther Jones, Eastern Connecticut State University

12:00-12:20 p.m.
Form and Historical Analysis of Mozart’s Bassoon Concerto Movement 1
Grayson Saylor, Kennesaw State University

12:20-12:40 p.m.
Bb Bass Clarinet. Examining Modern Performance Practices
Jessica Schreiner, University of Hartford

ONYX THEATRE

Dance
4:00-4:20 p.m.
Nomadic Waft
Jolie Saltiel, State University of New York - Brockport

4:40-5:00 p.m.
“Absence of a Poem”
Joyce Edwards, State University of New York - Brockport
STUDENT PERFORMING ARTS SESSION 10 -
SAT 8:30AM-9:30AM

MORGAN HALL
Psychology
8:30-8:50 a.m.
A Student Documentary About the Meaning of Rivalry and Research into the Phenomenon
Nathan Galloway, University of Memphis

Sociology
8:50-9:10 a.m.
Listen. Grasp. Act
Daniella Lombardo, Jacksonville University

Theatre/Drama
9:10-9:30 a.m.
We'll Talk About It When We Get There: Searching For Conversations About Women's Menstruation
Anna Reichard, Kennesaw State University

STUDENT PERFORMING ARTS SESSION 11 -
SAT 9:45AM-10:45AM

MORGAN HALL
Music
9:45-10:05 a.m.
An Exploration of Music for Saxophone and Computer
Taylor Boegel, University of Wisconsin-Whitewater

10:05-10:25 a.m.
Representing the Underrepresented Women in Music
Devin Foster, Capital University

10:25-10:45 a.m.
“Estrellita” - A Study of the Life and Works of Manuel Maria Ponce, the Father of Mexican Nationalism
Sara Groppe, Elmhurst College

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
9:10-9:30 a.m.
Through the Lens of the People: An Inquiry into the Offshoots of a Grassroots Peace Summit in Ukraine
Shayna Allen, University of Minnesota, Twin Cities
STUDENT VISUAL ARTS SESSIONS

STUDENT VISUAL ARTS EXHIBIT SESSION 1 - THU 10:45AM-11:45AM

CONVOCATION CENTER 2008
Art History & Visual Arts
11:05-11:25 a.m.
Manhole Covers: Function or Fine Art?
Katelyn Meyer, Montana State University Bozeman

11:25-11:45 a.m.
A Journey Through a Black Woman’s Praxis
Sheridan Davenport, Xavier University

STUDENT VISUAL ARTS EXHIBIT SESSION 2 - THU 1:00PM-2:00PM

CONVOCATION CENTER 2008
Art History & Visual Arts
1:00-1:20 p.m.
Beauty in the Eye of the Beholder
Lamaia’ Butler, Fort Valley State University

1:20-1:40 p.m.
Bordering Conformity
Natalie Kremer, North Central College

1:40-2:00 p.m.
Con(Text)
Kate Miller, Colgate University

STUDENT VISUAL ARTS EXHIBIT SESSION 3 - THU 2:15PM-3:15PM

CONVOCATION CENTER 2008
Art History & Visual Arts
2:15-2:35 p.m.
The Yoruba Creation Myth: A Series of Paintings
Samuel Ogunleye, Xavier University

2:35-2:55 p.m.
Demos
Sonia Soto, Madi Heinze, Madisen Pooton, University of West Florida

CONVOCATION CENTER 2015
Art History & Visual Arts
1:00-1:20 p.m.
What Is A Monster?
Jensen Healey, Xavier University

1:20-1:40 p.m.
What Makes a Memorial Museum?
Julia Poage, Trinity University

1:40-2:00 p.m.
When Art & Science Collide
Alina Glath, Alina Glath, Myah Merhaut, Slippery Rock University of Pennsylvania

CONVOCATION CENTER 2015
Art History & Visual Arts
2:15-2:35 p.m.
Women in Higher Education: A Poster Series
Claire Feist, Xavier University
STUDENT VISUAL ARTS SESSIONS

2:35-2:55 p.m.
Yokai and Folklore in Japan
Zachary Weyer, University of Wisconsin - River Falls

Anthropology & Archaeology
2:55-3:15 p.m.
Reclaiming the Narrative: Perspectives on Ethiopian Culture from the Diaspora
Leila Habib, Northeastern University

STUDENT VISUAL ARTS EXHIBIT SESSION 4 - THU 3:30PM-4:30PM

CONVOCACTION CENTER 2008
Art History & Visual Arts
3:30-3:50 p.m.
Evolving Gems
Natalie Kremer, North Central College

4:10-4:30 p.m.
Flash Forward
Savannah Dobbs, Jacksonville University

CONVOCACTION CENTER 2015
Architecture, Construction Management, & Interior Design
3:30-3:50 p.m.
“Ennobling Relationships: Researching the Role of Lightweight Materials in Architecture”
Walter Moran, University of Wisconsin - Milwaukee

3:50-4:10 p.m.
Hasty Hair Waves
Jessica Shouse, University of West Florida

English & Literature
4:10-4:30 p.m.
The Traumatist: Vonnegut’s Theory of Radical Empathy
Alexis Westrick, Lagrange College

STUDENT VISUAL ARTS EXHIBIT SESSION 5 - FRI 8:30AM-9:30AM

CONVOCACTION CENTER 2008
Art History & Visual Arts
8:30-8:50 a.m.
Go to College, Get Good Grades, Graduate: A Growing Debt Crisis
Mary Elizabeth DeWitt, Xavier University

8:50-9:10 a.m.
Hair Across Ancient Cultures
Leaf Morales, San Jacinto College Honors Program

9:10-9:30 a.m.
Hidden Treasures
Kayla Castellanos, North Central College

STUDENT VISUAL ARTS EXHIBIT SESSION 6 - FRI 9:45AM-10:45AM

CONVOCACTION CENTER 2008
Art History & Visual Arts
9:45-10:05 a.m.
Illustrated Map of Willimantic
Erika Groleau, Eastern Connecticut State University

10:05-10:25 a.m.
Immigration Embroidered
Elizabeth Lor, Juniata College

10:25-10:45 a.m.
In the Dark
Maria Michaud, Eastern Connecticut State University
STUDENT VISUAL ARTS EXHIBIT SESSION 7 - FRI 11:00AM-12:00PM

CONVOCATION CENTER 2008
Art History & Visual Arts
11:00-11:20 a.m.
Mother Hecate
Dylan Carter, Kennesaw State University

11:20-11:40 a.m.
Only 50 Likes
Briana Shore, Eastern Connecticut State University

11:40 a.m.-12:00 p.m.
Redefining Gender Norms Through Photography
Jesseca Ormond, Morningside College

STUDENT VISUAL ARTS EXHIBIT SESSION 8 - FRI 2:45PM-3:45PM

CONVOCATION CENTER 2008
Art History & Visual Arts
2:45-3:05 p.m.
Reimagining the Good Male Role Model
Daniel Zalla, Xavier University

3:05-3:25 p.m.
Representation of Emotions
Shervarius Morris, Fort Valley State University

3:25-3:45 p.m.
Social and Creative Benefits of Role-Playing Games
Rain McCoy, Westmoreland County Community College

STUDENT VISUAL ARTS EXHIBIT SESSION 9 - FRI 4:00PM-5:00PM

CONVOCATION CENTER 2008
Art History & Visual Arts
4:00-4:20 p.m.
Strangers, Strength, and Burden
Alice Roeding, Xavier University

4:20-4:40 p.m.
Sumi-e A Brief History, Background, and Exploration of Sumi-e Painting
River Breda, University of Wisconsin - River Falls

STUDENT VISUAL ARTS EXHIBIT SESSION 10 - SAT 8:30AM-9:30AM

CONVOCATION CENTER 2008
Art History & Visual Arts
8:30-8:50 a.m.
Tattoo: The Merging of Cultures on Skin
Juliet King, University of Wisconsin - Whitewater

8:50-9:10 a.m.
That Color Looks Good on You: A New Approach to Portrait Photography
Kayla Wright, Western Carolina University

STUDENT VISUAL ARTS EXHIBIT SESSION 11 - SAT 9:45AM-10:45AM

CONVOCATION CENTER 2008
Art History & Visual Arts
9:45-10:05 a.m.
The Experiences of Female Comic Book Artists on a Global Scale
Abigail Smith, Kennesaw State University
STUDENT VISUAL ARTS SESSIONS

10:05-10:25 a.m.
The Wanting and the Having: Breaking Free from the Fast Fashion Machine
Bethany Ryan, University of West Florida

10:25-10:45 a.m.
The World After Us
Nate Stewart, Mary Widener, University of Wisconsin - Milwaukee
STUDENT ORAL SESSION 1 - THU 10:45AM-11:45AM

BAGWELL EDUCATION BUILDING 119
Education
11:05-11:25 a.m.
“A Recipe for You”: Using Children’s Books as an Early Education Science Literacy Intervention
Brianna Hill, Cedar Crest College

11:25-11:45 a.m.
A Hybrid Software Defined Network Platform for Undergraduate Research and Education
Steven Cilenti, United States Military Academy

BAGWELL EDUCATION BUILDING 127
Education
11:05-11:25 a.m.
Investigating Middle Level Students’ Spatial Sense, Pre-Understandings of Lunar Phases, and the Influence of Media
Jasemine Jones, Javier Gonzalez-Napoléoni, University of Kentucky

11:25-11:45 a.m.
Investigating the Quality of Cheat Sheets and Their Impact on Student Performance Abstract
Jaime Harmon, Kennesaw State University

BAGWELL EDUCATION BUILDING 129
Education
10:45-11:05 a.m.
Undergraduate Biology Student Ideas About Biochemical Pathway Dynamics
Austin Stack, University of Georgia

11:05-11:25 a.m.
Using an Integrative Model to Study the Cognitive Competencies in Hispanics Students
Gloria Sermersheim, Mitzi Morales, Eastern Illinois University

11:25-11:45 a.m.
Using Fitbit Fitness Trackers to Study Teacher Stress and Coping Skills
Natalie Runge, Shelby Haarman, University of Kentucky

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
11:05-11:25 a.m.
African Feminist Organizing in Senegal
Samudra Randazzo, Long Island University

11:25-11:45 a.m.
American Mengele: Walter Freeman’s Lobotomy and Lasting Effects
Cassidy Davis, Lubbock Christian University

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
11:05-11:25 a.m.
Remembering the Jezebel and the Buck: An Intersectional Analysis of Foucault’s History of Sexuality Vol. 1
Brooke Judie, Georgia College and State University

11:25-11:45 a.m.
Russia’s Playbook: From Kyiv to Damascus
Donna Imadi, George Mason University

BAGWELL EDUCATION BUILDING 132
Political Science
11:05-11:25 a.m.
A People Unrepresented: Turkey’s Practice of Kurdish Political Party Expulsion
Alexis Portnoy, American University
STUDENT ORAL SESSION 1 - THU 10:45AM-11:45AM

BAGWELL EDUCATION BUILDING 135
Political Science
10:45-11:05 a.m.
Globalization and Technology: The Petri Dish for a New Geopolitical Reality (New-Age Terrorism in the Sahel)
Ibrahim Abaddi, Augustana College

11:05-11:25 a.m.
How Was Geopolitics Conducive to Authoritarianism in Vietnam and Pakistan During the 20th Century?
Thach Pham, Georgia State University

11:25-11:45 a.m.
I Do’s Across the United States: Faces Are Changing, But Laws Are Not
Chassity Hogan, University of West Georgia

BAGWELL EDUCATION BUILDING 219
Political Science
10:45-11:05 a.m.
The Inuit Circumpolar Council: Reconceptualizing Regional Governance
Sean Peterson, American University

11:05-11:25 a.m.
The Militarization of Peace in Mali: Peacekeeping and the War on Terror
Maria Adamou, American University

BAGWELL EDUCATION BUILDING 221
Law & Legal Studies
11:05-11:25 a.m.
Jason Zubata, American University

11:25-11:45 a.m.
The Legal Architecture of Corporations and Corporate Outcomes: Empirical and Ethical Questions Project
Megan Short, Chase Glasser, University of Michigan

BURRUSS BUILDING 105
Business
10:45-11:05 a.m.
The Impact of Market Competition on Accounting Fraud
John Lichtmann, Fordham University

BURRUSS BUILDING 108
Business
10:45-11:05 a.m.
Optimizing Success Strategies for University-Led Entrepreneurship Accelerators and Incubators
Simran Modi, University of Georgia

11:05-11:25 a.m.
Renewable Energy, Sustainable Business Practice, or Marketing Scheme?
Jacob Bryant, Lander University

11:25-11:45 a.m.
Social Media Marketing Platforms and Companies
Alyse-Noël Hicks, University of West Georgia

BURRUSS BUILDING 109
Economics
10:45-11:05 a.m.
Extending a Theoretical Framework for Superfund Site Remediation
Cameron Raber, Pacific Lutheran University

11:05-11:25 a.m.
F.O.M.C. Communication: A Sentiment Analysis
Jonathan Stegmann, University of Tennessee at Chattanooga

BURRUSS BUILDING 114
Engineering
10:45-11:05 a.m.
Design and Construction of Heel Strike Detection Device for Post-stroke Gait Rehabilitation
Jazz Click, Western Carolina University
11:05-11:25 a.m.
Design and Implementation of Pressure Drop Experimental Apparatus
Keith McCoy, Ronald Montoya, Larenz Scroggins, Jacksonville University

BURRUSS BUILDING 117
Engineering
10:45-11:05 a.m.
Improved Driver for Underground Electric Fences
Francis Celentano, Virginia Military Institute

11:05-11:25 a.m.
Improving Mobility for Commuting of Warehouse Workers
Marie Ozenua, Georgia Institute of Technology

11:25-11:45 a.m.
Investigating and Modeling a Network of Embedded Systems
Modeste Kenne, Iowa State University

BURRUSS BUILDING 152
Engineering
10:45-11:05 a.m.
Theoretical Analysis and Design of High Bandwidth SiNx on SOI Grating Coupler for Communications Applications
Albert Djikeng, University of Texas at San Antonio

11:05-11:25 a.m.
The Kinetics of Tin Whisker Growth
Emily Mitchell, Presbyterian College

BURRUSS BUILDING 293
Economics
11:25-11:45 a.m.
Carly Morris, University of Wisconsin - Eau Claire

Mathematics
10:45-11:05 a.m.
The Delicate Details of Filling Space
Thong Vo, Sonya Flaten, Emily Olson, St. Olaf College

BURRUSS BUILDING 368
Physics
10:45-11:05 a.m.
Specific Heat of Pr1-xNdxOs4Sb12
Yeh-Chia Chang, California State University - Fresno

11:05-11:25 a.m.
The Kinetics of Tin Whisker Growth
Emily Mitchell, Presbyterian College

BURRUSS BUILDING 370
Computer Science
10:45-11:05 a.m.
Metamorphosis Monitoring Stations
Bailey Beer, Zaynah Ali, Reid Mason, Evan McWhorter, Abby Wear, Texas Woman’s University

11:05-11:25 a.m.
Observation of Anomalies in Honey Bee Hive Video Recordings
Chloe Dorin, Patrick Beekman, Appalachian State University
11:25-11:45 a.m.
Predicting Outcomes of Basketball Games Using Machine Learning
Mandla Senzanje, Minnesota State University, Mankato

11:05-11:25 a.m.
Evolution of Plant Responses to Unpredictable Environments
Hayley Vandenboom, University of Wisconsin - Oshkosh

11:25-11:45 a.m.
Evolutionary Responses in Copy Number of Kruppel-Associated Box Zinc Finger Proteins: A Test Using Hybrid Lizards
Katherine Westover, Elon University

CLENDENIN BUILDING 1003
Biology
10:45-11:05 a.m.
Comparison of Embryonic Malformations After Fertilization with Thalidomide-Treated Sperm or Thalidomide Treatment in Culture
Samuel Keller, Susquehanna University

11:25-11:45 a.m.
A Homeotic Mutation, Lin-39(ccc16), Reveals the Function of Lin-39 to Specify Neuronal Cell Fate in the Nematode C. elegans
Seanna Loeb, St. Catherine University

CLENDENIN BUILDING 1008
Biology
10:45-11:05 a.m.
Chemerin Is a Biomarker of Aging in Mice
Stevi Howard, University of Kentucky

11:05-11:25 a.m.
The Role of Retinoblastoma Protein in Muscle Differentiation and Maintenance
Kaveh Kiani, Kennesaw State University

11:25-11:45 a.m.
The Search for a Novel Repressor Gene in Cluster M Bacteriophages
Erin Cafferty, Western Carolina University

CLENDENIN BUILDING 1009
Biology
10:45-11:05 a.m.
Escherichia coli Contamination of Lettuce (Lactuca sativa. L.) in the Farm-to-market Continuum in Region Six
Tiffany Jordan, University of Guyana

11:05-11:25 a.m.
The Role of Sox10 Expressing Neural Crest Cells in the Organization of POM Subpopulations
Paige Poffenberger, University of Kentucky

CLENDENIN BUILDING 2003
Biology
10:45-11:05 a.m.
The Role of Retinoblastoma Protein in Muscle Differentiation and Maintenance
Kaveh Kiani, Kennesaw State University

11:05-11:25 a.m.
The Role of Sox10 Expressing Neural Crest Cells in the Organization of POM Subpopulations
Paige Poffenberger, University of Kentucky

11:25-11:45 a.m.
The Search for a Novel Repressor Gene in Cluster M Bacteriophages
Erin Cafferty, Western Carolina University
CLENDENIN BUILDING 2008

Chemistry
11:05-11:25 a.m.
Analysis of Lead in Spices Obtained from Bulk Food Stores
Ian Morgan, Vincent Cross, Betty Jo Chitester, Keith Krise, Weslene Tallmadge, Gannon University

11:25-11:45 a.m.
Anti-oxidant Enzyme Analysis in Muscle of Atlantic Sharppose Shark
Maya Fisher, Louise Persson, Jacksonville University

CLENDENIN BUILDING 2010

Environmental Science & Sustainability
10:45-11:05 a.m.
An Analysis of Marine Depositional History in Southern New England Climates
Emma Avery, Eastern Connecticut State University

11:05-11:25 a.m.
Analysis of Diel Variations in Hydrologic and Chemical Signals Along the North Saint Vrain
Danielle Palm, Colorado State - Colorado State University- Cooperative Extension- Jefferson Co

11:25-11:45 a.m.
Analysis of Tree Mortality in Carbon Offset Plantings in Central NC
Kylie Roehrle, Elon University

CONVOCATION CENTER 1055

Art History & Visual Arts
10:45-11:05 a.m.
Medieval Spain, a Cultural Oasis
Shayne Valencia, University of Central Oklahoma

11:05-11:25 a.m.
Online Map for Rhizomes of Mexican American Art Since 1848
Jeffrey O’Brien, University of Minnesota, Twin Cities

11:25-11:45 a.m.
Open to Everyone?: Investigating Accessibility in New York City Museums
Sara Schwartz, Brooklyn College

CONVOCATION CENTER 1056

Music
10:45-11:05 a.m.
Edward Elgar’s “Sea Pictures”: A Personal Musical Journey
Chloe Murphy, University of Nebraska at Kearney

CONVOCATION CENTER 2007

Theatre/Drama
10:45-11:05 a.m.
The Integration of Science and Theater: Creating The Science Play Digital Catalogue
Meaghan Yesford, Christopher Newport University

11:05-11:25 a.m.
Ableism in Theatre: Sensory Disabilities in Performances for Young Audiences
Emma Lipscomb, Kennesaw State University

STUDENT ORAL SESSION 1 - THU 10:45AM-11:45AM
11:25-11:45 a.m.
Anxiety and Depression in Young Adults: Using Theatre to Affect Social Change
Emily Remmey, Hamline University

CONVOCACTION CENTER 2008
Film/Photography Studies
10:45-11:05 a.m.
You Spoke to Me Through Her: Vocal Theology in Terrence Malick’s The Tree of Life
Dylan Reber, University of West Georgia

KENNESAW HALL 1103
Communications
10:45-11:05 a.m.
Native American Female Leaders: Intersectional Challenges and Rhetorical Styles
Lani Kazel, St. Catherine University

11:05-11:25 a.m.
I Don’t Mean to Offend...: Discussing How Race Is Addressed and Included in PR Education
Javari Hunt, Chapman University

11:25-11:45 a.m.
#MeToo/#YoTambién: A Comparative Analysis of Sexual Harassment Discourse on Twitter
Tori Dehlin, Utah State University

KENNESAW HALL 1107
Communications
10:45-11:05 a.m.
Social Media and the Loss of the Interpersonal Human Touch
Tyler Penland, Fort Valley State University

11:25-11:45 a.m.
Standing Up for Their Values: Exploring Alignment Between Top Ranked CSR-focused Companies Stated Values and CSA on Environmental and Social Issues
Rebecca Foley, Elon University

KENNESAW HALL 1301
Creative Writing
11:05-11:25 a.m.
The Safest Place on Earth
Ashlee Shefer, Eastern Connecticut State University

PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
10:45-11:05 a.m.
Establishing the Need for a Nuclear Medicine and Molecular Imaging Pediatric Specialty
Emily Seib, University of Wisconsin - La Crosse

11:05-11:25 a.m.
A Comparison Between Traditional BSN and RN-BSN Programs in Pennsylvania
Courtney Knotts, University of Pittsburgh School of Nursing

11:25-11:45 a.m.
A Cross-cultural Examination of Nursing Beliefs in Costa Rica and the United States
Amanda DuBall, University of Wisconsin - Eau Claire

PRILLAMAN HEALTH SCIENCE BUILDING 1101
Exercise Science & Nutrition
10:45-11:05 a.m.
Factors Associated with Mobility Apprehension in Amputees
Maggi Welch, University of Alabama in Huntsville

11:05-11:25 a.m.
Measures of Cardiorespiratory Endurance in Male and Female Cross Country Runners
Sydney Taylor, Lubbock Christian University
11:25-11:45 a.m.
Orthostatic Vitals as a Diagnostic Tool for Sport-Related Concussion
Aleah Gillenkirk, University of Michigan

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
10:45-11:05 a.m.
Pediatric Nurses' Perceptions on Pharmacological and Nonpharmaco-logical Interventions to Manage Proce-dural Pain in the Pediatric Acute Care Setting
Kate Shaffer, Dominican University of California

11:05-11:25 a.m.
Phylogenetic Analysis of the Genetic Evolution of Multi-Drug Resistant Esche-richia Coli
Kevin Smith, University of North Carolina at Charlotte

11:25-11:45 a.m.
Physical Activity Predicts Depression in Older Adults
MacKenzie Robb, University of Alabama

SCIENCE BUILDING 212
Environmental Science & Sustainability
10:45-11:05 a.m.
State of Desertification and Refor-estation in the Western African Region: The Great Green Wall Implications
Emily Young, State University of New York- Geneseo

11:05-11:25 a.m.
Stressing Out: Young Seedling Recovery Patterns for Popular Restoration Species, Elymus trachycaulus
KaMele Sanchez, Colorado State - Colorado State University- Cooperative Extension- Jefferson Co

SOCIAL SCIENCE BUILDING 2032
English & Literature
10:45-11:05 a.m.
A Reconsidering of Cinderella: How Cinderella Stories Across Time and Culture Empower Women
Merle Cohen, Brooklyn College

Psychology
11:05-11:25 a.m.
A Better Understanding of the Decision to Leave Orthodox Judaism
Nina Steinfeld, Brooklyn College

11:25-11:45 a.m.
A Cross-Cultural Examination of Attitudes About Culture and Ancestry Between Georgia USA and Scotland
Natalie Macy, Samantha Richey, University of North Georgia

SOCIAL SCIENCE BUILDING 2033
Psychology
10:45-11:05 a.m.
Evaluating Personalities and Its Relation to Views on Current Events
Molly Parker, Westminster College

11:05-11:25 a.m.
Examining Predictors of Type 2 Diabetes in College Students
Trenece Wilson, Kathryn Smith, Virginia State University

11:25-11:45 a.m.
Examining the Physiological Role of Therapy Dogs on Stress Level
Katlyn Little, Eastern Connecticut State University
SOCIAL SCIENCE BUILDING 2034

Psychology
10:45-11:05 a.m.
Racial Disparities Among Exonerees Based on Wrongful Conviction Factors and Types of Crime
Alexandria Goldstein, Amber Goden, Dorothy Marsil, Kennesaw State University

11:05-11:25 a.m.
Racial Representation in Consensual Non-Monogamy
Kristina Gifford, Kennesaw State University

11:25-11:45 a.m.
Reflective Quizzes and Personal Development
Kaylan Peterson, University of Central Oklahoma

SOCIAL SCIENCE BUILDING 2035

Psychology
10:45-11:05 a.m.
The Influence of Information Gaps on Curiosity and Decision Making in Children
Rebecca Handsman, Ally Lee, University of Rochester

11:05-11:25 a.m.
The Interplay Between Religiosity and Meaning in Life: A Case for Client-Treatment Matching Using Clustered Predictor Variables
Matthew Meeks, Kennesaw State University

11:25-11:45 a.m.
The Mediating Role of Fear of Intimacy Between Trait Forgiveness and PTSD for Young Adults
Ernest Oleksy, Cleveland State University

SOCIAL SCIENCE BUILDING 2036

Sociology
10:45-11:05 a.m.
Eastern Illinois University Students’ Perception on Cohabitation
Kailey McCormack, Eastern Illinois University

11:05-11:25 a.m.
Feminist Self Identification
Madison McNamara, Chaminade University of Honolulu

11:25-11:45 a.m.
From Passive Racism to White Supremacy: The Range of Sympathetic Twitter Responses to Charlottesville’s Unite the Right Rally
Allison Leas, California State University - Long Beach

SOCIAL SCIENCE BUILDING 2038

Philosophy, Ethics, & Religious Studies
10:45-11:05 a.m.
Aristotle on Πολιτεία
Kexin Yu, University of Rochester

11:05-11:25 a.m.
Bananas, Beliefs and The Being
Margaret Schneider, Oakland University

11:25-11:45 a.m.
Cherokee Spirituality: Progression Through Conversion and Time
Melissa Walcott, Kennesaw State University

SOCIAL SCIENCE BUILDING 3007

Philosophy, Ethics, & Religious Studies
10:45-11:05 a.m.
The Creation of the Black Baptist Sacred Cosmos: Finding Hermeneutical Space in Religious Conversion Experience
Tomoki Sasaki, Lafayette College
11:05-11:25 a.m.
The Fruit of Christ's Saving Work
jacob Mazur-Batistoni, Hope College

SOCIAL SCIENCE BUILDING 3010
English & Literature
10:45-11:05 a.m.
"On the Body": The Law's Injustice and Sexual Regulation in Measure for Measure
Mollie Gradie, Emory University

11:25-11:45 a.m.
The Play's the Thing: The Dual Purpose of Theater in Burney's Evelina
Matthew Parris, Trevecca Nazarene University

SOCIAL SCIENCE BUILDING 3012
English & Literature
10:45-11:05 a.m.
Complexity of Creator and Creation Relationships
Kaila Vander Wielen, University of Wisconsin Colleges

11:05-11:25 a.m.
Contemplating Paradoxical Doctrine Through Formal Structure in the Holy Sonnets
Katherine Germann, Valparaiso University

11:25-11:45 a.m.
Contradictions Among Christina Rossetti's Depictions of Christ: Commentary on the Victorian Female Body
Mary Emmerling, Elon University

SOCIAL SCIENCE BUILDING 3019
English & Literature
10:45-11:05 a.m.
Literacy and Identity: Exploring the Role of Literacy in Self
Emma Lichtwardt, Montana State University Bozeman

11:05-11:25 a.m.
Romantic Manipulation: Love as Plot Device in Epic Literature
Erin Broberg, Black Hills State University

11:25-11:45 a.m.
Magical Animal Transformations: Medieval Commentary on Toxic Masculinity
Bailey Flannery, University of Wisconsin - Milwaukee

SOCIAL SCIENCE BUILDING 3021
English & Literature
10:45-11:05 a.m.
Royal Devotion in Late Medieval France
Georgia Earley, University of Georgia

11:05-11:25 a.m.
Satire in "The Masque of the Red Death"
Grace Caraway, Eastern Washington University

11:25-11:45 a.m.
Scared into Combat: Tracing the Language of Cancer Through the Library of Congress Archives
Abigail Marmurowicz, Kennesaw State University

SOCIAL SCIENCE BUILDING 3023
English & Literature
10:45-11:05 a.m.
Trans-generational Genetic Changes Stemming from Trauma: An Interdisciplinary Reading of Toni Morrison's Beloved
Sarah Buckman, Jacksonville University

11:05-11:25 a.m.
Twisted Bodies, Twisted Minds: Exploring Physical Disability in Greek and Indian Mythologies
Aivee Mathew, Brooklyn College
11:25-11:45 a.m.
Two Sided Coin: A Contrast of Duality Regarding Stoicism in Melville
Abby Embro, Middle Georgia State University

SOCIAL SCIENCE BUILDING 3026
Linguistics & World Languages
10:45-11:05 a.m.
Transnational Transcriptions: Accuracy and Reliability in Qualitative Interview Transcriptions from Spanish to English
Rebeca Lopez, Kharen Martinez, Liberty University

11:05-11:25 a.m.
What's Your Type?: A Discourse Analysis of How Redditors Approach Life After Taking the Myers-Briggs Type Indicator Tool
Tara Ward, Salisbury University

History
11:25-11:45 a.m.
“Virtue Revisited: Plato, Aristotle, Augustine, Aquinas, And Their Search For ‘The Good’”
Bess Blackburn, Liberty University

SOCIAL SCIENCE BUILDING 3028
History
10:45-11:05 a.m.
Blueprints in the Stars
Samantha Gilchriest, Lubbock Christian University

11:05-11:25 a.m.
British Loyalists in Revolutionary America: People Without a Country
Cheyenne Carruthers, Trevecca Nazarene University

SOCIAL SCIENCE BUILDING 3029
History
10:45-11:05 a.m.
Hull House’s Effect on Chicago Immigrant Communities
Kelin Haney, University of Central Oklahoma

11:05-11:25 a.m.
Immigration in Greece and Rome: Leading by Ancient Example
Viktoria Schumacher, Xavier University

11:25-11:45 a.m.
Influences of Islam on Developing British Empire
Darian Mullikin, Salisbury University

SOCIAL SCIENCE BUILDING 3030
History
10:45-11:05 a.m.
The Character of Benito Mussolini Through the Lens of the Ethiopian Invasion of 1935
Becky Armstrong, Liberty University

11:05-11:25 a.m.
The Disease That Drove the Manslaughter of Over 11 Million People: Historical Research on the Impact Typhus Had on the Holocaust
Sydney Edwards, Liberty University

SOCIAL SCIENCE BUILDING 3031
History
10:45-11:05 a.m.
Who Is Afraid of the Big Bad Pirate?
William Richardson, William Peace University

11:05-11:25 a.m.
Women and Men of Color and Human Trafficking
Megan Toomer, Duquesne University
SOCIAL SCIENCE BUILDING 3032
English & Literature
10:45-11:05 a.m.
The Stepmother of Manifest Destiny: Evil Womanhood, Greed, and Authentic Voice in Eudora Welty’s The Robber Bridegroom
Sonora Lanham, Summer Rand, Chyna Gowan, Kaley Smith, University of West Georgia

11:05-11:25 a.m.
Fantastic Purpose: The Cosmological Focus of Fantasy
Cassie Belcher, Liberty University

Psychology
11:25-11:45 a.m.
An Integrated Data Analysis of the Social Determinants of Substance Abuse: Commensurate Measures of Central Constructs
Sammie Haskin, Kennesaw State University

STUDENT ORAL SESSION 2 - THU 1:00PM-2:00PM

BAGWELL EDUCATION BUILDING 119
Education
1:00-1:20 p.m.
A Music Education Student’s Look into Universal Design for Learning, Assistive Technology and Music Education
Robert Mclean, Kennesaw State University

1:20-1:40 p.m.
A Qualitative Analysis of One University’s Ethical Fears and Practical Desires for Learning Analytics
Jessie Sutton, University of Northern Colorado

1:40-2:00 p.m.
A Rural Girls’ Leadership Exchange: Imagining Literate Futures Through Creative Pedagogy
Annika Tice, Virginia Military Institute

BAGWELL EDUCATION BUILDING 127
Education
1:00-1:20 p.m.
It Takes a Village: Community-Based Approaches to Educational Inequality
Briana Rodriguez, Long Island University

1:20-1:40 p.m.
Journey to Self in the Diaspora
Anamalia Su’esu’e, Chaminade University of Honolulu

1:40-2:00 p.m.
Media Literacy and Its Relation to First Generation and First Year Students
Emily Chavez, Emily Chavez, Kathleen McAleese, Ithaca College
STUDENT ORAL SESSION 2 - THU 1:00PM-2:00PM

BAGWELL EDUCATION BUILDING 129
Education
1:00-1:20 p.m.
Virtual Reality in the English Classroom
Alexandria Russom, Kennesaw State University

1:20-1:40 p.m.
What Are the Social Impacts of Technology on Middle School Students?
Jennifer Cope, Midwestern State University

1:40-2:00 p.m.
What Do I Do When They Won’t Stop Moving?
Sadye Pavao, Bridgewater State University

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
1:00-1:20 p.m.
An Exploratory Case Study of Women's Experiences with Gender Inequality Within an International Art Industry in Hangzhou, China
Erin Young, Long Island University

1:20-1:40 p.m.
Avocado Popularity and Crime Rates: A Case Study of Global Commodification
Madeline Guyott, Hamline University

1:40-2:00 p.m.
Beyond the Classroom: Assessing the Impact of Living Learning Communities at Teaching Colleges
Karmen Tovar, Abraham Baldwin Agricultural College

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
1:00-1:20 p.m.
Scotty and Sadness: Positing Kid Cudi’s “Man on the Moon: The End of Day” as a Critical Moment Within Afro-pessimistic Hip Hop Performance
Landon Finke, University of Tennessee at Chattanooga

1:20-1:40 p.m.
Shifting the Paradigm: Women Leadership in Environmental Movements in Costa Rica
Shauna Kiernan, Long Island University

1:40-2:00 p.m.
Social Media, 2018 US Midterm Election & Peacemaking
Xin Dee Low, Messiah College

BAGWELL EDUCATION BUILDING 132
Political Science
1:00-1:20 p.m.
Rickia Stafford, University of West Georgia

1:40-2:00 p.m.
American Fascism - We Beat the Nazis, Now It’s Time to Tackle Ourselves
Johanna Peterson, University of Wisconsin - Stout

BAGWELL EDUCATION BUILDING 135
Political Science
1:00-1:20 p.m.
Ideal Theory: A Political Theory of Humor
Andrew Kelly, American University

1:20-1:40 p.m.
Ideological Thinking in Policy Attitudes and Perceptions
Sarah Whitley, Georgia College and State University
1:40-2:00 p.m.
Ideology and Political Behavior in the U.S.
Julia Medina, Eastern Connecticut State University

BAGWELL EDUCATION BUILDING 219
Law & Legal Studies
1:00-1:20 p.m.
Comprehensive Prevention of Occupational Stress in Specialized Court Judges
Paige Lehman, Missouri State University

Political Science
1:20-1:40 p.m.
The Reinvention of the World Bank: From Developmentalism to “Basic Needs”
Preston Fausett, American University

BAGWELL EDUCATION BUILDING 221
Law & Legal Studies
1:00-1:20 p.m.
The Shortcomings of U.S. Conflict Minerals Legislation
Jack Weiss, Ithaca College

Criminology/Criminal Justice
1:20-1:40 p.m.
“The Haves and the Have Nots”: The Truth About African-American Recidivism Rates
Jaye Williams, University of Findlay

1:40-2:00 p.m.
Body Cameras: Differing Public Perceptions and Willingness to Pay Higher Taxes Before and After Widespread Implementation
William Kirshner, Weber State University

BURRUSS BUILDING 108
Business
1:00-1:20 p.m.
Social Media Study: What Are College Students Favorite Social Media Platforms and Why?
Kyle Oliver, Cierra Amerson, Acie Gholston, Tukeirai Pittman, Jaquante Whitaker, Tori Williams, Alexandria Wittmann, University of West Georgia

1:20-1:40 p.m.
Speculation and Wheat
Joshua Lawson, Joshua Lawson, University of Tennessee at Chattanooga

1:40-2:00 p.m.
Streaming Killed the Radio Star: The Innovation of Music Discovery in the United States
Carolina Cruz, University of Texas at San Antonio

BURRUSS BUILDING 109
Economics
1:00-1:20 p.m.
Incorporating Wildfire Risk Into The Faustmann Rotation: A Dynamic Optimization Problem
Emily Burk, Pacific Lutheran University

1:20-1:40 p.m.
Increasing Healthy Food Access for Supplemental Nutrition Assistance Program (SNAP) Households: A Case Study of Participation and Benefits from a Wisconsin Farmers Market Double Your Money Market Program
Rivin Perinchery, Nevada Sweitzer, University of Wisconsin - Eau Claire

BURRUSS BUILDING 105
Business
1:00-1:20 p.m.
Accounting for Innovation: The Impact of IFRS Adoption on Firm Innovation Metrics
Andrew Hof, Fordham University

1:40-2:00 p.m.
An Analysis into the Legal Structure of Startups
Sean Stimpson, Hampden-Sydney College

STUDENT ORAL SESSION 2 - THU 1:00PM-2:00PM

Kennesaw State University
1:40-2:00 p.m.
Characterizing Supplemental Nutrition Assistance Program (SNAP) Purchases: A Case Study Comparing Shopping Behaviors of SNAP and Non-SNAP Households in One Wisconsin Grocery Retailer
Emma Halverson, Levi Soborowicz, University of Wisconsin - Eau Claire

BURRUSS BUILDING 114
Engineering
1:00-1:20 p.m.
Designing a Dyskinesia Detection Device to Help Adjust Levodopa Dosing in Parkinson's Disease Patients
Nastasia Porras, Austin Stachowski, Dharani Balakumar, Jeanne Le, Liz Galarza, Mike Pullen, Vishal Shah, Robert Kutschke, Georgia Institute of Technology

1:20-1:40 p.m.
Designing a Nozzle for the University of Vermont's Inter-coupled Plasma (ICP) Facility
Heather Peterson, Norwich University

1:40-2:00 p.m.
Detection of Cryptosporidium Using Digital Inline Holographic Microscopy
Andrew Thompson, University of Wisconsin - Milwaukee

BURRUSS BUILDING 117
Engineering
1:00-1:20 p.m.
Investigating Mechanochemical Effects in Industrial Scale Metal Cutting Processes
Brian Arnold, Marcus Jackson, Jacob Norre, Sam Brown, Bradley Parker, University of West Florida

1:40-2:00 p.m.
Isotope Determination Through Alpha Emission
Benjamin Agaoglu, Kennesaw State University

BURRUSS BUILDING 152
Engineering
1:00-1:20 p.m.
UAV Paradrogate Research
Forrest Mobley, Embry-Riddle Aeronautical University

1:20-1:40 p.m.
Use of Convolutional Neural Network for Fully Automated Segmentation of Hard Exudates in Retinal Images
Aidan Lochbihler, Carleton University

1:40-2:00 p.m.
Using Convolutional Neural Networks for Siren Recognition
Ethan Wagner, University of Hartford

BURRUSS BUILDING 293
Mathematics
1:20-1:40 p.m.
Understanding Repeating Decimals
Sarah Dickey, Elmhurst College

1:40-2:00 p.m.
Using Recruiting Rankings and Team Level Measurements to Predict College Football Team Success
Sydney Singleton, Appalachian State University

BURRUSS BUILDING 368
Computer Science
1:20-1:40 p.m.
Pass Audit: Mitigating Targeted Password Guessing with Deep Learning
Emerson Drapac, Jhony Blanco, Minnesota State University, Mankato

1:40-2:00 p.m.
A Comparison of Robotic User Interfaces for People with Disabilities
Harrison Welch, Austin PEAY State University
Physics
1:00-1:20 p.m.
Understanding Classical Mechanics Through Peer Leadership
James Howard, University of West Georgia

BURRESS BUILDING 370

Computer Science
1:00-1:20 p.m.
Prisoner’s Dilemma
Shefali Patel, Taylor Woods, Maidel Fletes, Lacey Little, Kathleen Rhinebolt, Columbus State University

1:20-1:40 p.m.
Robots in Libraries
Ryan Turner, Southern New Hampshire University

1:40-2:00 p.m.
Secure Data Acquisition and Transfer for the Internet of Things
Melissa Nichols, Michael Kuklish, University of West Florida

BIOLOGY BUILDING 370

Computer Science
1:20-1:40 p.m.
Comparison of Flavonoids and Anthocyanins in Sambucus Nigra and Sambucus Cerulea
Alissa Van Tassell, Weber State University

1:40-2:00 p.m.
Comparison of Stream Fish Diversity and Habitat Quality Among Restored Reaches at East Fork Indian Creek, Menifee County, KY
Taylor Brown, Eastern Connecticut State University

CLENDENIN BUILDING 1003

Biology
1:20-1:40 p.m.
A Novel Enzymatic Tool for Targeted Nutrient Deprivation of Cancer Cells
Libuse Janska, New York University

1:40-2:00 p.m.
A Redefinition of the Drake Equation and Its Implications for Astrobiology
Jackson Shoultz, Abilene Christian University

CLENDENIN BUILDING 1008

Biology
1:00-1:20 p.m.
Comparative Expression of GD2 and GD3 as Translational Osteosarcoma Immuno-therapy Targets
Zachary Emmanuel Sandoval, University of Florida

1:20-1:40 p.m.
Secure Data Acquisition and Transfer for the Internet of Things
Melissa Nichols, Michael Kuklish, University of West Florida

CLENDENIN BUILDING 1009

Biology
1:00-1:20 p.m.
Secure Data Acquisition and Transfer for the Internet of Things
Melissa Nichols, Michael Kuklish, University of West Florida

1:20-1:40 p.m.
Exosome-Induced Neuronal Differentiation
Justin McGee, Ouachita Baptist University

1:40-2:00 p.m.
Exploring Potential Synergistic Effects of Volatile Organic Compounds and Polyethylene Glycol to Inhibit the Growth of Pseudogymnoascus destructans
Ashley McDonald, Kennesaw State University

CLENDENIN BUILDING 1010

Biology
1:00-1:20 p.m.
Moo-vie Snacks: Shelf Stability of Waste Popcorn as a Potential Livestock Feedstuff
Lauren Bielamowicz, Tarleton State University

1:20-1:40 p.m.
Neuropeptide Expression in Multimodal Sensory Neurons Function in Driving Stimulus-appropriate Behavior Selection
Thomas Gray, Georgia State University
STUDENT ORAL SESSION 2 - THU 1:00PM-2:00PM

CLENDENIN BUILDING 2003
Biology
1:00-1:20 p.m.
Thymic Epithelial Cell Reprogramming and Co-Culture with T-Cell Progenitors
Isabelle Riddle, University of Georgia

1:20-1:40 p.m.
Tilapia Feeding Preference Using Commercial Fish Food, Ethanol Distillers Grain, and Lab-made Food
Kelsey Menke, University of Nebraska at Kearney

1:40-2:00 p.m.
Tracking Cicada Susceptibility to Fungal Infection in Urban Habitats
Hannah Hightower, University of Tennessee at Chattanooga

CLENDENIN BUILDING 2008
Chemistry
1:00-1:20 p.m.
Application of Oolong Tea for the Remediation of Hexavalent Chromium Contaminated Water
Steysi Reyna, Susanna Luu, City University of New York- Guttman Community College

1:20-1:40 p.m.
Calcium Deficiencies in Demographic Contrast
Jose Lara, Georgia Highlands College

1:40-2:00 p.m.
Computational Studies of a Select Group of Amino Alkylindoles
Trinity Riggins, Fort Valley State University

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
1:00-1:20 p.m.
Assessing Carbon Storage and Sequestration Potential on Private Conservation Lands in Southwest Virginia
Stuart Baker, Virginia Polytechnic Institute & State U

1:20-1:40 p.m.
Assessing the Impacts of Aridity and Climate Change on American Pikas in the Northern Rocky Mountains
Lyman Dudley, Montana State University

1:40-2:00 p.m.
Assessment of Water and Aesthetic Quality of Pit Lakes at Abandoned Mines in Linden, Guyana
Marisa Williams, University of Guyana

CONVOCATION CENTER 1031
Art History & Visual Arts
1:00-1:20 p.m.
A Horse of a Different Color: Exploring the Idiosyncrasies of Hans Baldung Grien’s Wild Horses and Equine Imagery
Alexander Chelmis, University of North Carolina - Asheville

1:20-1:40 p.m.
A Physical Act: Representations of LGBTI African Bodies in the Work of Adejoke Tugbiyel and Zanele Muholi
Madeleine Seidel, Auburn University

1:40-2:00 p.m.
A Psychoanalytic Approach to the Works of Francisco de Goya y Lucientes
McKenzie Graybill, Tennessee Technological University
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:00-1:20 p.m.</td>
<td>CONVOCATION CENTER 1055</td>
<td>Art History &amp; Visual Arts</td>
<td>Our Global Trash Problem</td>
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<td>Grace Woodard, Western Carolina University</td>
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<td>1:40-2:00 p.m.</td>
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<td>Ralph Bakshi: Truth Behind American Fantasy</td>
<td>James Volonte, University of Oklahoma Norman Campus</td>
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<td>CONVOCATION CENTER 1056</td>
<td>Music</td>
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<td>1:00-1:20 p.m.</td>
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<td>Finding Faith in the 21st Century: The Search for the Sacred in John</td>
<td>Adella Dzitko-Carlson, Eastern Connecticut State University</td>
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<td>Luther Adams’ “In the Name of the Earth”</td>
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<td>1:20-1:40 p.m.</td>
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<td>Humanistic Effect on Music in the Renaissance</td>
<td>Tabitha Massengill, University of Alabama in Huntsville</td>
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<td>1:40-2:00 p.m.</td>
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<td>Instrumentalists’ Maintenance of Divided Attention Using Multiple</td>
<td>Robyn Heitman, Eastern Illinois University</td>
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<td>Attentional Resources</td>
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<td>CONVOCATION CENTER 2007</td>
<td>Theatre/Drama</td>
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<td>1:00-1:20 p.m.</td>
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<td>Blended Cultures: The Story of Tap Dancing America</td>
<td>Kyle Van Frank, University of Alabama</td>
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<td>1:40-2:00 p.m.</td>
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<td>Elia Kazan’s Informant Hero</td>
<td>Louie Visone, State University of New York- Buffalo</td>
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<td>KENNESAW HALL 1103</td>
<td>Communications</td>
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<td>1:00-1:20 p.m.</td>
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<td>100 Years of Propaganda: A Rhetorical Analysis of the Eugenics Movement, 1880-1980</td>
<td>Rita Reyes, Lubbock Christian University</td>
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<td>1:20-1:40 p.m.</td>
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<td>Accommodating Queerness: Queer Representation in Popular Media Across Audiences and Genres</td>
<td>Kate Heinonen, University of Kentucky</td>
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<td>KENNESAW HALL 1107</td>
<td>Communications</td>
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<td>1:00-1:20 p.m.</td>
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<td>Successful Entrepreneurial Women in Public Relations: The Challenges of Work-life Balances</td>
<td>Stephanie Ramos Quintanar, Tina stokes, California State University - Long Beach</td>
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<td>1:20-1:40 p.m.</td>
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<td>The Connection Between Youth Behavior and Excessive Exposure to Media Violence</td>
<td>Quincy Isaac, Fort Valley State University</td>
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<td>PRILLAMAN HEALTH SCIENCE BUILDING 1002</td>
<td>Nursing &amp; Public Health</td>
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<td>1:00-1:20 p.m.</td>
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<td>A Study of Food Insecurity for Eastern Washington State Colleges</td>
<td>Kianna Baker, Eastern Washington University</td>
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<td>1:20-1:40 p.m.</td>
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<td>Alzheimer’s in the Geriatric Population Abstract</td>
<td>Rachel Parker, Emma Cikovic, Caroline Quillian, Emma Burlew, Kennesaw State University</td>
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Kennesaw State University
PRILLAMAN HEALTH SCIENCE BUILDING 1101
Exercise Science & Nutrition
1:00-1:20 p.m.
Rapid Visuomotor Integration as a Window into Multisensory Processing
Margaret Schrayer, University of Georgia

1:20-1:40 p.m.
Relationship Between Rate of Force Development and Correlates of Muscle Contraction for a Normative Data Set
Alexander Olczak, State University of New York- Brockport

1:40-2:00 p.m.
Taking the Family to the Great Outdoors: Park Prescription Impact on Family Outdoor Physical Activity
Allison Farrell, Appalachian State University

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
1:00-1:20 p.m.
Place Matters: An Evaluation of a Fort Valley, Georgia Community Near an EPA's Toxic Filled Ditch
Morgan Stokes, Fort Valley State University

1:20-1:40 p.m.
Predictors of Substance Use Disorder Treatment Compliance Among Juvenile Offenders
Dieu Tran, University of Florida

1:40-2:00 p.m.
Prevalence of Phobias in College Students
Ashley Durbin, Kalee Wayne, Megan Garland, Slippery Rock University of Pennsylvania

SCIENCE BUILDING 2112
Environmental Science & Sustainability
1:00-1:20 p.m.
Textile Waste Collection: Potential of Upstream Recycling
Sydney Schumann, St. Catherine University

1:20-1:40 p.m.
The Barriers Between a Tanzanian Maasai Community and Potable, Household Water
Makenna Smith, Colorado State - Colorado State University- Cooperative Extension- Jefferson Co

1:40-2:00 p.m.
The Effect of Unregulated Discharges into Urban Lakes and Ponds of Freshwater Ecosystem
vimal soomai, Andrew Laurence Leung, City University of New York- York College

SOCIAL SCIENCE BUILDING 2032
Psychology
1:20-1:40 p.m.
An Analysis of Mindfulness' Role in Phone Use and Dependency and Well-being
Gwendolynne Weissinger, Bridgewater State University

1:40-2:00 p.m.
An Examination of the Association Between Same-Sex Perceptions of Attractiveness, Relationship Threat, and Implicit Theories of Relationships: Support for the Theory of Mate Retention Threat Identification
Delaney Wilder, University of Minnesota, Duluth
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<tr>
<td>Psychology</td>
<td>Sociology</td>
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<td>1:00-1:20 p.m.</td>
<td>1:20-1:40 p.m.</td>
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<td>Examining the Relationship Between Levels of Self-perceived Stress, Physical Pain, and Genetic Influence</td>
<td>Gender in Working Out: the Societal Factors at Play</td>
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<td>Hannah Hoskin, Georgia Gwinnett College</td>
<td>Anna Nicks, Truman State University</td>
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<td>1:40-2:00 p.m.</td>
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<td>Factors Affecting Student Satisfaction with University Mental Health Clinic Service</td>
<td>How and Why Does Racism Persist in Greek Organizations on University Campuses in the United States?</td>
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<td>Elli Cole, University of North Carolina - Asheville</td>
<td>Vanessa Sachs, University of Georgia</td>
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<td>Psychology</td>
<td>Philosophy, Ethics, &amp; Religious Studies</td>
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<td>1:00-1:20 p.m.</td>
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<td>Religiosity of Victim and Perpetrator: Victim Blaming in a Sexual Assault</td>
<td>Democratic Disagreement: The Political Consequences of Intractable Disagreement</td>
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<td>Olivia Nop, Siena College</td>
<td>William Kanwischer, Bowling Green State University</td>
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<td>1:40-2:00 p.m.</td>
<td>1:20-1:40 p.m.</td>
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<td>Sex Differences in Rodents to the Nicotine Enhancement of the Conditioned Place Avoidance Behavior</td>
<td>Eating Disorders, Trauma, and Faith as a Coping Mechanism</td>
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<td>Ashley Barker, Westminster College</td>
<td>Hannah Evans, Hannah Rose Evans, Iona College</td>
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<td>Psychology</td>
<td>Philosophy, Ethics, &amp; Religious Studies</td>
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<td>1:00-1:20 p.m.</td>
<td>1:00-1:20 p.m.</td>
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<td>The Oculus Rift VR Enhances Mindfulness Practice Adjunctive Treatment</td>
<td>The History of Birth Control Including Moral Thought and Law</td>
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<td>Laura Rodes, Jacob Henze, Sidney Gailey, University of North Georgia</td>
<td>Samantha Good, College of St Scholastica</td>
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<td>1:20-1:40 p.m.</td>
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<td>The Relationship Between Child’s Toy Selection and Anger: Then and Now</td>
<td>The Imago Dei and CRISPR cas9: The Christian Case for Genetic Alteration</td>
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<td>Rebecca Groeneveld, Julia Gottenberg, Taylor Logue, Georgia College and State University</td>
<td>Joshua Duensing, Valparaiso University</td>
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<td>1:40-2:00 p.m.</td>
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<td>The Nature of Hell, According to Nicolas Berdyaev and Emmanuel Levinas</td>
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<td>Mary Brown, Western Carolina University</td>
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STUDENT ORAL SESSION 2 - THU 1:00PM-2:00PM

SOCIAL SCIENCE BUILDING 3010
English & Literature
1:00-1:20 p.m.
‘Honey, Your Life Is Not a Fairy Tale’: The Grim(m) Side of Disney
Tessa Jenkins, University of Findlay

1:20-1:40 p.m.
“All That Is Awfully Vast”: Samuel Johnson’s Use of the Burkean Sublime in Rasselas
Christian Mack, Trevecca Nazarene University

1:40-2:00 p.m.
“Devouring Receptácle”: Male Anxieties and Insuppressible Femininity in Titus Andronicus
Brooke Purkey, Cameron University

SOCIAL SCIENCE BUILDING 3012
English & Literature
1:00-1:20 p.m.
Creating an Annotated Anthology of Adelia Penelope English’s Diary
Leslie Seitz, Lafayette College

1:20-1:40 p.m.
Creative Writing and Publishing Research Project
Kristen Bolster, University of Michigan

1:40-2:00 p.m.
Daisy’s Decisions or Lack Thereof: Bipolar II Disorder, Daisy, and The Great Gatsby
Emalee Money, Western Carolina University

SOCIAL SCIENCE BUILDING 3019
English & Literature
1:00-1:20 p.m.
Margaret Paston’s Piety Revisited
Katherine Haire, University of Georgia

1:20-1:40 p.m.
Masculinity's Relationship to Alcoholism and Social Isolation in Stephen King's The Shining
Amber Murray, Wesleyan College

1:40-2:00 p.m.
Memory and Identity in Maria Firmina Dos Reis’ Ursula
Lorena Limongi, University of Georgia

SOCIAL SCIENCE BUILDING 3021
English & Literature
1:20-1:40 p.m.
Second-Wave Feminism and the Romance Novel
Alexandra Nieman, University of Central Oklahoma

1:40-2:00 p.m.
Selling Surinam: Commercial Rhetoric in Aphra Behn’s Oroonoko
Seth Thompson, Salisbury University

SOCIAL SCIENCE BUILDING 3023
English & Literature
1:00-1:20 p.m.
When Blood for Blood Runs Dry: An Analysis of Suffering and Meaning in the Iliad and Oresteia
Stephen Bothwell, Xavier University

1:20-1:40 p.m.
When Writers Research: Exploring the Rhetoric, Research, and the Impact of Childhood Cancer Survivors
Gracie Shackelford, Kennesaw State University

1:40-2:00 p.m.
Where Are All the Native American Writers?
Kristi Celestine, Hope Brown, Southwestern Oklahoma State University
STUDENT ORAL SESSION 2 - THU 1:00PM-2:00PM

SOCIAL SCIENCE BUILDING 3026
History
1:00-1:20 p.m.
Cherokee Thought and Ritual: The Eagle Dance and The Green Corn Dance
Katherine Hoechner, Eckerd College

1:40-2:00 p.m.
The Catanzaro Photographic Collection: Preserving Puerto Rican Cultural Heritage Through Digitization
Gabriela Rivera-Marín, University of Puerto Rico - Rio Piedras Campus

SOCIAL SCIENCE BUILDING 3028
History
1:00-1:20 p.m.
Ciudadanos: Constructing the Nation at the Margin of the State in Venezuela, Colombia, and Mexico, 1846-1870
Duncan Riley, Hamline University

1:20-1:40 p.m.
Clay County Civil Rights Movement: Black Power and Practicality
Mary-Madeleine Norgard, Mississippi University for Women

1:40-2:00 p.m.
Community-Based Organizations in the Encyclopedia of Milwaukee
Emily Daley, University of Wisconsin - Milwaukee

SOCIAL SCIENCE BUILDING 3029
History
1:00-1:20 p.m.
It's A Woman's War Too: Dolly Madison's Letters as Sites of Memory for Personal and Professional Experiences in World War II
Emma Davis, Florida State University

1:20-1:40 p.m.
Japanese Internment Abstract
Amanda Gates, Eckerd College

1:40-2:00 p.m.
Jewish Messianism: The Authentic Paradigm for the Resurrection of Jesus
Jonathan Mann, Kennesaw State University

SOCIAL SCIENCE BUILDING 3030
History
1:00-1:20 p.m.
The Growing Propaganda Problem: Scrutinizing the Explosion of Propaganda Alongside the Expansion of Media and the Role of Government in Its Spread
Natanael Colon-Emeric, Appalachian State University

1:20-1:40 p.m.
The Henry Clay Mine Strike of 1934 and Its Importance to the U.S. Labor Movement
Thomas Hazlett, University of Kentucky

1:40-2:00 p.m.
The Historical Evolution of Crisis Pregnancy Centers and the Anti-Choice Movement: 1970's-Present
Bridget Cuadra, Jennifer Phillips, University of Central Oklahoma

SOCIAL SCIENCE BUILDING 3031
History
1:00-1:20 p.m.
Women in the American Civil War as Soldiers, Nurses, Spies, and the Homefront: How Women Shaped the Outcome of The Civil War
Ally Coughlan, Eckerd College

Anthropology & Archeology
1:20-1:40 p.m.
A Lithic Analysis at a Southern Minnesota Site: South Slough Site
Hannah Klumb, Hamline University
STUDENT ORAL SESSION 3 - THU 2:15PM-3:15PM

BAGWELL EDUCATION BUILDING 119
Education
2:15-2:35 p.m.
A Study in Funding for Georgia’s Public Schools
Madison Dashner, University of North Georgia

2:35-2:55 p.m.
An Investigation of Teacher Candidates’ Reading Attitudes
Kaitlin Gilbert, Stephen F. Austin State University

2:55-3:15 p.m.
An Unquiet Pedagogy for Unquiet Students: Reducing Anxiety with Critical Pedagogy
Laine Drew, Bridgewater State University

BAGWELL EDUCATION BUILDING 127
Education
2:15-2:35 p.m.
The Paced Classroom: The Advantages and Disadvantages of a Paced Classroom in a Mathematics Setting
William Gottlob, Black Hills State University

2:35-2:55 p.m.
Multicultural Education, and You, How to Use a Lack Luster Textbook in a Multicultural Lesson Plan
Samantha Trinneer, Black Hills State University

2:55-3:15 p.m.
Nationalism & Standardized Testing: Is Pride for our Country worth more than our Children’s Educational Experience?
Kelsey Baughman, University of Findlay

BAGWELL EDUCATION BUILDING 129
Education
2:15-2:35 p.m.
What Do Students Think They Can Learn from Their Teachers?
Tashea West, University of Wisconsin-Milwaukee

2:35-2:55 p.m.
When Is Mindset Meaningful? The Relationship Between Mindset, Attributions, and Coping
Tony Choe, Hannah Harper, University of Georgia

2:55-3:15 p.m.
Where Is My Mentor? A Taxonomy of Negative Mentoring in Undergraduate Research Experiences in the Life Sciences
Benjamin Bridges, University of Georgia

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
2:35-2:55 p.m.
Clinical Disclosure Patterns in Response to Ethical Dilemmas: a Study of Indian Physicians
Tarika Srinivasan, University of Texas at Austin

2:55-3:15 p.m.
Convenience Culture in Contrast to Sustainable Personal Responsibility Initiatives
Madelyn Madewell, John Brown University

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
2:15-2:35 p.m.
Stripping Layers: Performance, Exotic Dance, and the West
Madison Minter, Hannah Telling, Montana State University Bozeman
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Title</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>2:35-2:55 p.m.</td>
<td>Syrian Refugee Education Crisis in Lebanon</td>
<td>Kennesaw State University</td>
<td>Lauren Hutchinson, University of Kansas School</td>
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<tr>
<td>2:55-3:15 p.m.</td>
<td>Tajikistani Narcotics Trafficking</td>
<td>Kennesaw State University</td>
<td>Alaina DeLeo, University of Kansas School</td>
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<td>BAGWELL EDUCATION BUILDING 132</td>
<td>Political Science</td>
<td>Authoritarian Diffusion in the Post-Soviet Region: Regimes Linkages, Mimicry and Modular Institutional Change</td>
<td>Kristian Perez, Virginia Military Institute</td>
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<td>2:15-2:35 p.m.</td>
<td>Illicit Economies and Insurgent Strategies: The Political Economy of the Northern Mali Conflict</td>
<td>BAGWELL EDUCATION BUILDING 135</td>
<td>Gabriel Delsol, American University</td>
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<td>BAGWELL EDUCATION BUILDING 221</td>
<td>Criminology/Criminal Justice</td>
<td>Morgan Youngquist, University of Wisconsin - La Crosse</td>
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<td>Gender Differences in Law Enforcement Leadership Style: Implications for Subordinate Job Satisfaction</td>
<td>BURRUSS BUILDING 105</td>
<td>Gillian Oley, Abby Lokkesmoe, Alexander Karman, Liberty University</td>
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<td>How Does the Implementation of New Policing Strategies Affect the Public's Satisfaction with and Trust in the Police?</td>
<td>BURRUSS BUILDING 108</td>
<td>Hannah Huffman, Weber State University</td>
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<td>An Exploration of Unmanned Aircraft System Utilization</td>
<td>BURRUSS BUILDING 105</td>
<td>Sawyer Kratzer, Jacksonville University</td>
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<td></td>
<td>An Exploratory Analysis of Undergraduate Business Student Majors, Gender, Trust, Selfishness, Ethics, and Financial Decision Making</td>
<td>BURRUSS BUILDING 108</td>
<td>Nadia Jassim, California State University - Fresno</td>
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<td>Tapping into the Craft Beer Trend-An Analysis of the Competitive Landscape and Consumer Profile of Craft Brew Consumers in Hong Kong</td>
<td>BURRUSS BUILDING 108</td>
<td>Hei Tung Ng, Albright College</td>
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</tbody>
</table>
2:35-2:55 p.m.
The Economic Importance and Trend of the Travel and Tourism Industry on the Henry County Georgia Economy from 2007-2017
Queenise Watkins, Reinhardt University

2:55-3:15 p.m.
The Effect of Cultural Diversity on IFRS Adoption in Developing Countries
Erica Harrell, Fordham University

BURRUSS BUILDING 109
Economics
2:15-2:35 p.m.
Optimization of Pitching Staff for MLB Postseason
Stephen Vining, Southern New Hampshire University

2:35-2:55 p.m.
The Impact of Political Protests on National Football League Television Ratings
Judah Brown, Elon University

Engineering
2:55-3:15 p.m.
Development of Gravity-Guided 3D Muscle Formation: A High Throughput Tissue Engineering Technique
ariell Smith, University of California - Merced

BURRUSS BUILDING 114
Engineering
2:15-2:35 p.m.
Determination of Glass Transition Temperature and Poisson's Ratio for Thermoplastics Using Pressure-Volume-Temperature (PVT) Data
Eric Nzuki, Kennesaw State University

2:35-2:55 p.m.
Developing Alternative Manufacturing Methods to Reduce Cost of Wireless Power Transfer for Space Solar Power
Evan Shi, Erik Centeno, Rafael Figueroa, Georgia Institute of Technology

2:55-3:15 p.m.
Development of an Auxiliary Cooling System for an Effective Thermal Conductivity Measurement Apparatus
Gabriella Marie, University of Kentucky

BURRUSS BUILDING 117
Engineering
2:15-2:35 p.m.
Kennesaw State University Aerial Robotics Team’s Compact Unmanned Aircraft Design for Society of Automotive Engineering Aero Design Challenge
Robert Zenko, Destiny Crumbley, Kennesaw State University

2:35-2:55 p.m.
Low Cost Remote Algae Detection Utilizing Embedded Hardware, Custom Sensors, and Additive Manufacturing
Charles Wade, Teran Ericksen, University of Toledo

BURRUSS BUILDING 118
Engineering
2:15-2:35 p.m.
Visualization of Microbially Induced Calcium Carbonate Precipitation on the Single-Cell Scale Using Droplet-based Microfluidics
Nada Naser, Montana State University Bozeman

2:35-2:55 p.m.
Wash Fastness of Polymer Fabrics Infused with Inorganics Via Vapor Phase Infiltration
Kira Pyronneau, Georgia Institute of Technology

Mathematics
2:55-3:15 p.m.
An Analysis of a Fair Division Protocol for Drawing Legislative Districts
Bryson Kagy, Georgia Institute of Technology
BURRUSS BUILDING 293

Physics
2:35-2:55 p.m.
3D Printed Coil to Imitate an Infinitely Long Solenoid
Daniel Rodriguez, George Mason University

2:55-3:15 p.m.
A Concept for Ultra-High Energy Electron and Positron Test Beams at Fermilab
Jamal Johnson, Pittsburg State University

BURRUSS BUILDING 368

Computer Science
2:15-2:35 p.m.
A Novel Approach Towards Visualizing Data
Erik Almaguer, Eastern Washington University

2:35-2:55 p.m.
A Saliency-based Random Walk Approach for Facial Detection
Dytalyan Holmes, Fort Valley State University

2:55-3:15 p.m.
A2Cloud-DT: A Friendly Model to Guide Researchers with HPC-on-the-Cloud
David Samuel, University of the Pacific

BURRUSS BUILDING 370

Computer Science
2:15-2:35 p.m.
Sensitivity Analysis of a Four-Stage Cyber Security Model
Shannon Bennett, The University of Virginia’s College at Wise

2:35-2:55 p.m.
Social Networks Analytics Using Machine Learning
Craigory Coppola, Morehead State University

2:55-3:15 p.m.
Software Assurance of Smart Contracts
Gabriel Bello, Gavin Kerr, Columbus State University

CLENDENIN BUILDING 1003

Biology
2:15-2:35 p.m.
A Robotic Model of Fly Larvae Feeding Behavior
Nicolette Prevost, Georgia Institute of Technology

2:55-3:15 p.m.
Accents Matter: Behavioral Responses to Local and Non-local Dialects in Four Colorado Wren Species
Abigail Hayes, University of Northern Colorado

CLENDENIN BUILDING 1008

Biology
2:35-2:55 p.m.
Destruction of Nematode Ova in Waste-water Using Electroporation
Michael Dryzer, Elon University

CLENDENIN BUILDING 1009

Biology
2:15-2:35 p.m.
Exploring the Effect of PI-88 on IFN-Gamma Induced Pathological Quiescence in OPCs
Beverly DiCorso, State University of New York- Buffalo

2:35-2:55 p.m.
Genetic Contribution to Variation in Fecundity and Egg Size in Mangrove Rivulus Fish
Clare Robertson, University of Alabama

2:55-3:15 p.m.
Germ Cell-Depleted Ovaries Improve Metabolic Health in the Post-Reproductive Mouse Model
Kyleigh Tyler, Utah State University
CLENDENIN BUILDING 1010

Biology
2:15-2:35 p.m.
Patterns of Genetic Diversity and Structure Revealed by Conserved Migratory Candidate Loci Within the Common Tern (Sterna h. hirundo)
Jacob Dayton, Eastern Connecticut State University

2:35-2:55 p.m.
Plant-arthropod Associations of the “Botanical Lost World”
Joshua Fuller, University of North Georgia

CLENDENIN BUILDING 2003

Biology
2:15-2:35 p.m.
Tracking Genotypic Changes in Paramecium Isolates Between Ponds and Seasons in Ulster County, NY
Katherine Dobosh, State University of New York- New Paltz

2:55-3:15 p.m.
Translational Research: An Application of the Central Dogma of Biology to the Genetic Causes of Osteoarthritis
Kyle Vaccaro, University of Hartford

CLENDENIN BUILDING 2008

Chemistry
2:15-2:35 p.m.
Conversion of Glycerol to Butanol Using a Continuous Culture of Clostridium pasteurianum
Jonathan Kilroy, University of Alabama in Huntsville

CLENDENIN BUILDING 2010

Environmental Science & Sustainability
2:35-2:55 p.m.
Characteristics of Bridges Used for Day Roosting by the Federally Endangered Gray Bat (Myotis grisescens) in the French Broad River Basin, North Carolina
Kira Ware, University of North Carolina - Asheville

2:55-3:15 p.m.
Choose Green, an Advocacy Group
Monica Odeh, University of the Pacific

CONVOCATION CENTER 1031

Art History & Visual Arts
2:15-2:35 p.m.
Ana Mendieta’s Visual Abstraction of Trauma
Ariel del Vecchio, Trinity University

2:55-3:15 p.m.
Art from Waste: Effects on Material and Place in the Environmental Works of Nils-Udo and Chris Jordan
Morgan Hintz, University of North Carolina - Asheville

CONVOCATION CENTER 1055

Art History & Visual Arts
2:35-2:55 p.m.
Restitution and Ownership: Egyptomania, Germany and the Bust of Nefertiti
Laura Affolter, Seattle University
CONVOCATION CENTER 1056
Music
2:15-2:35 p.m.
Instruments of the Antiquity Era: History and Cultural Impact
Delaney Snead, Virginia Polytechnic Institute & State U

2:35-2:55 p.m.
John Philip Sousa: America’s First King
Landon Camp, Lubbock Christian University

2:55-3:15 p.m.
La Musique en Plein Air: Debussy’s Open Air Emplacement
Emily Miclon, Eastern Connecticut State University

KENNESAW HALL 1103
Communications
2:15-2:35 p.m.
African Americans and Other Minorities Remain Invisible in a Virtually White Hollywood Abstract
Regina Martin, Fort Valley State University

2:35-2:55 p.m.
An Investigation of Inclusive Design
Eric Eastland, University of Central Oklahoma

2:55-3:15 p.m.
Analyzing Media Portrayals of Student Activism: News Coverage and the “March For Our Lives”
Madelyn Minnick, University of Illinois at Springfield

PRILLAMAN HEALTH SCIENCE BUILDING 1101
Exercise Science & Nutrition
2:15-2:35 p.m.
The Effect of Gut Microbiota on Appetitive Motivation Via the Mesolimbic Dopamine System
Kevin Williams, University of Georgia

2:35-2:55 p.m.
The Effect of Shin-torso Alignment on Muscle Activity of the Lower Extremity in Hockey Players
Noah Pring, University of Alabama in Huntsville

2:55-3:15 p.m.
The Physics of Cheerleading: Force Production of Cheerleading Stunts
Kacy Eckley, Eastern Kentucky University
Student Oral Session 3 - Thu 2:15PM-3:15PM

Prillaman Health Science Building 1105
Nursing & Public Health
2:15-2:35 p.m.
Racial/Ethnic and Gender Differences in Risk for Past-30 Day Opioid Misuse: A Statewide Sample of the Florida Juvenile Justice System
Hansberry Pierre, University of Florida

2:35-2:55 p.m.
Relationship Between Baseline Depressive Symptoms and Physical Fitness in Post-Menopausal Women with Breast Cancer
Michelle Sech, University of Pittsburgh School of Nursing

2:55-3:15 p.m.
Risk Factors for Heart Disease and Diabetes in Low-/Middle- Versus High-Income Countries: Overlaps and Variations
Evelyn Bigini, University of Pittsburgh School of Nursing

Science Building 212
Environmental Science & Sustainability
2:15-2:35 p.m.
The Solubilization of Phosphates in Soil by Use of Ozone Treated Biochars
Garrison Gunter, Trevecca Nazarene University

2:55-3:15 p.m.
Understanding Smallholder Wheat Yield in Novel Fertilizer Application System
Laurie Gronewold, University of Michigan

Social Science Building 2032
Psychology
2:15-2:35 p.m.
An Investigation of the Influence of Race and Gender on Eating Disorder Identification and Stigma
Kyle Lo Vecchio, North Central College

2:35-2:55 p.m.
Art’s Influence on Anxiety for Male and Female Undergraduate Students
Samantha Haas, University of Southern Indiana

2:55-3:15 p.m.
Aspects of ‘Hookup Culture’: How Locus of Control, Communication, and Knowledge Intertwine
Natalie Tyran, Coastal Carolina University

Social Science Building 2033
Psychology
2:15-2:35 p.m.
Factors That Influence Parents’ Choice to Enroll Children in Private School
Amelia House, John Brown University

2:35-2:55 p.m.
Fatigue and Frustration in Working with Individuals with Developmental Disabilities
Kaitlyn Bryant, Western Carolina University

2:55-3:15 p.m.
From Cleats to Cognition: Does Playing Soccer Improve Visuospatial Working Memory and Physiological Stress Recovery?
Emily Burns, Bay Path University

Social Science Building 2034
Psychology
2:15-2:35 p.m.
Sex Trafficking: The Influence of Exploiter Tactics and Type of Disclosure on Identification, Awareness, and Attitudes Toward Perpetrators and Victims
Jonathan McFarland, Abi Bustamante, Kennesaw State University

2:35-2:55 p.m.
Show Me Who Your Friends Are
Emily Taylor, Samantha Douthitt, Mikayla Downs, Shakur Silas, Kacey Titzer, Indiana State University
2:55-3:15 p.m.
Social Media, Flow, Self-Esteem, and Social Anxiety
Samuel Ghioto, Russhell Eyler, College of Coastal Georgia

SOCIAL SCIENCE BUILDING 2035
Psychology
2:35-2:55 p.m.
The Role of Motivation, Gender, and Fat-Content on Prejudgments of Eaters
Kendall Poovey, Kennesaw State University

2:55-3:15 p.m.
The Stigma Surrounding Trump: Using Facebook Likes as a Proxy for Association
Samuel Arnold, William Peace University

SOCIAL SCIENCE BUILDING 2036
Sociology
2:15-2:35 p.m.
How Female Disney Characters Reflect the Cultural Ideals for Women
Jessica Baker, Kennesaw State University

2:35-2:55 p.m.
How the Social Model of Autism Expands Autistic Students College Major Choice
Christiana Koch, California State University - Long Beach

2:55-3:15 p.m.
In Search of Equality: Identity Formation and Activism in College-Aged Women
Mariatu Okonofua, Elon University

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
2:35-2:55 p.m.
Exploring Philosophical Origins of Oppression Philosophy
Emily Pritzl, Edgewood College

SOCIAL SCIENCE BUILDING 3007
Philosophy, Ethics, & Religious Studies
2:15-2:35 p.m.
The Patronage of Wealthy Women to Early Christianity
Bailey Freeburn, Wingate University

2:35-2:55 p.m.
Translating Religion: Missionary Encounters in Colonial West Africa
Brianna Elder, Elon University

2:55-3:15 p.m.
Virgins and Vixens: Exploring Female Nature in the Testament of Job
Alison Schneider, North Central College

SOCIAL SCIENCE BUILDING 3010
English & Literature
2:15-2:35 p.m.
"Dualism in Eudora Welty’s The Robber Bridegroom"
Kaley Smith, Summer Rand, Chyna Gowan, Sonora Lanham, University of West Georgia

2:35-2:55 p.m.
“I Hain’t Ever Done No Harm to a Ghos’”
Huckleberry Finn in a Postcolonial Gothic Lens
Cheyenne Marski, University of Central Oklahoma

2:55-3:15 p.m.
“Neither Maid, Widow, Nor Wife”: Dysphonia and Marginalized Women in Shakespeare’s Measure for Measure
Jessica Spence, Cameron University
SOCIAL SCIENCE BUILDING 3012
English & Literature
2:35-2:55 p.m.
Death Objectified, Life Affirmed: Mortality and Materialism in Russian Folktales Featuring Koschei the Deathless
Rachel Glassford, Texas State University - San Marcos

2:55-3:15 p.m.
Donald Trump’s Rhetoric and The Disillusionment of the American Dream
Tennant Ross, Kennesaw State University

SOCIAL SCIENCE BUILDING 3019
English & Literature
2:15-2:35 p.m.
Men Don’t Cry: A River Runs Through It and Home
Abigail Fox, Western Carolina University

2:35-2:55 p.m.
Mental Illness and Psychological Conditions in 19th and Early 20th-Century American Literature
Elizabeth Tobin, Bridgewater State University

2:55-3:15 p.m.
Mental Illness in Historic Fiction: Perception of Mentally Ill Protagonists and Societal Response
Haley Krueger, Cedar Crest College

SOCIAL SCIENCE BUILDING 3021
English & Literature
2:15-2:35 p.m.
Shifting Cultures: The Connections Between Korean and American Cultures Through the Lens of Pop Music
Sophie Normil, Kennesaw State University

2:35-2:55 p.m.
Silencing Women: The Misuse of Power in Shakespeare’s Measure for Measure and the Nomination of Brett Kavanaugh
Jordan Harper, Emory University

2:55-3:15 p.m.
Strength Through Faith - The Cherokee Religion
Kristy Riley, Kennesaw State University

SOCIAL SCIENCE BUILDING 3023
English & Literature
2:15-2:35 p.m.
White Masculinity and Deliberate Forgetting in A Mercy
Mariah Stokes, Albright College

2:35-2:55 p.m.
Willa Cather: Breaking the Binary—An Exploration of Identity and Performance
Bethany Flynn, University of Wisconsin - River Falls

2:55-3:15 p.m.
Winning the State: Rhetoric and Lynching in Charles Chesnutt’s The Marrow of Tradition
Valerie Lick, University of Tennessee at Knoxville

SOCIAL SCIENCE BUILDING 3026
History
2:15-2:35 p.m.
Walter Bober, University of Kentucky

2:35-2:55 p.m.
Tudor Girl Power: How English Noblewomen Used Traditional Femininity to Gain Agency During the Early Modern Period
Jessica Brazinski, University of North Georgia
2:55-3:15 p.m.
“Are You Not Entertained?” Galen, Gladiator Medicine, and the Spectacle of Anatomical Dissection
Morgan Doty, Xavier University

SOCIAL SCIENCE BUILDING 3028
History
2:15-2:35 p.m.
David Dinkins and New York City Politics: Race and Changing Demographics
Lillian Murray, Eckerd College

2:35-2:55 p.m.
Defying Societal Norms and Traditional Gender Roles in Academia: Angie Debo’s Uncovering of the Five Tribes Exploitation
Peter Kavourgias, University of Central Oklahoma

2:55-3:15 p.m.
Drafting the End of South Carolina Anti-War Newspapers
Ivey Gibbs, Lander University

SOCIAL SCIENCE BUILDING 3029
History
2:15-2:35 p.m.
Language, Education, and Conquest: Antonio De Nebrija’s Influence in the 16th Century New World
Mark Nelson, Utah Valley University

2:35-2:55 p.m.
Lebanese and Syrians in Texas
Abdallah Mouhamad, San Jacinto College Honors Program

2:55-3:15 p.m.
Living in the Past: An Analysis of Hungary's Present State
Anna Vekony, Dordt College

SOCIAL SCIENCE BUILDING 3030
History
2:15-2:35 p.m.
The Historical Significance of Terrain Accessibility at Our Nation's Battlefields
Stephanie Czeslowski, Stevenson University

2:35-2:55 p.m.
The Impact of World War II: Life on the Home Front in Britain and Germany
Monica Barry, Dominican University of California

2:55-3:15 p.m.
The Insufficiency of the Articles of Confederation
Jordan Carswell, Liberty University

SOCIAL SCIENCE BUILDING 3031
Anthropology & Archeology
2:15-2:35 p.m.
Addressing Economic Issues Within Milledgeville
Montana Phalan, Georgia College and State University

2:35-2:55 p.m.
An Ethnobotanical Examination of Traditional Medicine in Ngezi Forest Reserve
Tyler Tsang, Siena College

2:55-3:15 p.m.
Between Two Worlds: South Asian Identity in New York City
Maisha Kamal, Macaulay Honors College at Brooklyn

SOCIAL SCIENCE BUILDING 3032
Psychology
2:15-2:35 p.m.
Sexual Assault Perpetration and Possible Correlates: Examining the ASB and RMA Scales
Rachel Barlow, Kennesaw State University
STUDENT ORAL SESSION 4 - THU 3:30PM-4:30PM

BAGWELL EDUCATION BUILDING 119

Education
3:30-3:50 p.m.
Analysis of the Effectiveness of Mandatory Community Service Programs
Sophia Fehrmann, Virginia Commonwealth University

3:50-4:10 p.m.
Social Cue Differences in Children With and Without Behavioral Disorders
Chakaela Turner, Chakaela Turner, Fort Valley State University

4:10-4:30 p.m.
Beneficial & Empowering Pedagogy Across the Global North and South for Educating Asylum Seekers and Refugees
Etiana Coley Mells, Long Island University

BAGWELL EDUCATION BUILDING 127

Education
3:50-4:10 p.m.
Parents’ and Teachers’ Perceptions of Current Mathematics
Lindsey Hartman, University of Central Oklahoma

4:10-4:30 p.m.
Poverty and Collateral Trauma Variables: Consideration in Behavior Intervention Planning
Deonte Iverson, University of Wisconsin - Whitewater

BAGWELL EDUCATION BUILDING 129

Diversity Studies
4:10-4:30 p.m.
Barriers Facing Writers from the Margins in Austrian Publishing
Emma Manos, Long Island University

Education
3:30-3:50 p.m.
Why Do Students Leave Quantitative STEM Majors? Perspectives from Eastern Kentucky
Hannah Brewer, Morehead State University

BAGWELL EDUCATION BUILDING 130

Interdisciplinary Studies
3:30-3:50 p.m.
Cross-cultural Public Opinion on the Therapeutic Use of Cannabis
Cynthia Ilghalou, University of Nebraska at Kearney

3:50-4:10 p.m.
Cross-Mediterranean Irregular Migration: How European Border Security Policy Fails to Understand Migrant Smuggling Networks
Briana Boland, Fordham University - Fordham University at Lincoln Center

4:10-4:30 p.m.
Cultural, Economic, and Educational Impact in Latin America of US-Based Technology: Latin America as Adopter and Agent of Technology Development
Alejandra Diaz, St. Mary ‘s College of Maryland

BAGWELL EDUCATION BUILDING 131

Education
4:10-4:30 p.m.
Supporting First-Generation College Students in STEM Disciplines
Jessica Reyes, Kennesaw State University

Interdisciplinary Studies
3:30-3:50 p.m.
Taking Part in or Taking Over the Fashion Industry?
Alexander Aufrichtig, Brooklyn College
3:50-4:10 p.m.
The American Writer's Museum: Rewriting the Script for America's Museum Experience
Isabel Coffey, Valparaiso University

**BAGWELL EDUCATION BUILDING 132**
Political Science
3:30-3:50 p.m.
Blue Wave Failed to Take Over the Show Me State: McCaskill vs. Hawley in 2018 Missouri Senate Race
Ying He, Occidental College

3:50-4:10 p.m.
Central American Understanding of the Zero-Tolerance Policy
David Unruh, Embry-Riddle Aeronautical University

4:10-4:30 p.m.
A Just War Analysis of Strategic Terrorism
Bailey Coleman, John Brown University

**BAGWELL EDUCATION BUILDING 135**
Political Science
3:50-4:10 p.m.
Mass Incarceration in the United States: What Factors Predict the Incarceration Rate Across the 50 States?
Madison Everett, Valdosta State University

**BAGWELL EDUCATION BUILDING 219**
Political Science
3:30-3:50 p.m.
The Venezuelan Refugee Crisis: An Analysis of Paradigm Shifts in Refugee Policies in South America
Isabelle Hoagland, James Madison University

3:50-4:10 p.m.
Theodore Abel as a Political Theorist: Nazi Witnesses and the Exclusion of Women
Sarah Warren, Florida State University

4:10-4:30 p.m.
Top Global Internet Leaders Outline Key Challenges for Technology Governance
Meagan Gitelman, Elon University

**BAGWELL EDUCATION BUILDING 221**
Political Science
3:30-3:50 p.m.
Looking to Be Whole in the Hole: The Impact of Restricted Housing Units on Inmates' Self Esteem
Cady Balde, Taylor Whittington, George Mason University

3:50-4:10 p.m.
Mass Incarceration: a National Sociological and Economic Issue
Itzel Soria, Cerritos College

4:10-4:30 p.m.
Perceptions of Local and Campus Law Enforcement
William Towery, Western Carolina University

**BURRUSS BUILDING 105**
Business
3:30-3:50 p.m.
Cash-Free Economy: The Relation Between Age and Online Money Activity
Shaina Rubin, Elisa Gomes, Florida Atlantic University

3:50-4:10 p.m.
Comparison of Generic vs. Specific Ad Copy in a Housing Context
Halie Platt, University of Nebraska at Kearney

**BURRUSS BUILDING 108**
Business
3:30-3:50 p.m.
The Effectiveness of GNP Education: An Comparison of Classroom Coverage with Professional Examination Requirements and Employer Needs
Aminet Aloba, Dana Cornforth, University of Central Oklahoma
3:50-4:10 p.m.
The Effects of Intergenerational Transmission on the Gender Gap in STEM
Zach Weingarten, University of Georgia

4:10-4:30 p.m.
The Emergence of Gulf Carrier Market Dominance
arjun ravi sivaraman, Jacksonville University

BURRUSS BUILDING 109
Engineering
3:30-3:50 p.m.
On the Surface Diffusion Phenomena in the Organic Nanopores of Shale
Jesse Hansel, Austin Gnesda, William Briggs, Athula Herat, Manuel Valera, Slippery Rock University of Pennsylvania

3:50-4:10 p.m.
Preliminary Neutronic Analysis of a Pebble Bed Reactor Core
Isaac Naupa, Mayur Menon, Chase Casher, Kennesaw State University

4:10-4:30 p.m.
A Computational Fluid Dynamics Study of Vortex Formation near a Pump Intake Relative to Submergence Depth
Andrew Henleben, Kennesaw State University

BURRUSS BUILDING 114
Engineering
3:30-3:50 p.m.
Development of Copper Based Elastocaloric Materials
Emery Farmer, Iowa State University

3:50-4:10 p.m.
Development of Energy and Power Systems for CubeSat Missions
David Hoskyn, Georgia Institute of Technology

BURRUSS BUILDING 117
Engineering
3:30-3:50 p.m.
Mechanical Behavior of Magnets
Benjamin Agaoglu, Kennesaw State University

3:50-4:10 p.m.
Mechanical Properties of Liquid Metal Dispersions in Thermoset and Thermoplastic Polymers
Elizabeth Bury, University of Alabama

4:10-4:30 p.m.
Microsensors with Nanostructured Surfaces Fabricated by 3D Lithography
Biya Haile, Georgia Institute of Technology

BURRUSS BUILDING 152
Mathematics
3:30-3:50 p.m.
Analysis of Neural Networks with Time Delays
Avery Buehler, University of Hartford

3:50-4:10 p.m.
Assessing Discourse Instruction in an Applied Calculus Course
Ryan Bernardi, Elon University

4:10-4:30 p.m.
Asthma Risk Factors at the Community Level
Jeremy James, University of Nebraska at Omaha

BURRUSS BUILDING 293
Physics
3:30-3:50 p.m.
A Deep Learning Approach to Early Cancer Detection Using Near-Infrared Laser Scattering Profiles
Mason Acree, Christopher Berneau, Portia Densley, Utah Valley University
4:10-4:30 p.m.
Beta Cepheid and Mira Variable Stars: A Spectral Analysis
Jesse Harris, The University of Virginia's College at Wise

BURRUSS BUILDING 368
Computer Science
3:30-3:50 p.m.
Applications of Raspberry Pi to Internet of Things: Smart Greenhouse Monitoring and Control
Ali Khan, Fort Valley State University

3:50-4:10 p.m.
Text-Based Speaker Segmentation Using Attention-based Hierarchical Recurrent Neural Networks
Sams Khan, Steffen Lim, Kennesaw State University

4:10-4:30 p.m.
The Hurdles of Overcoming Racial and Gender Bias in Machine Learning and Facial Recognition Algorithms
Jasmine Bouges, University of North Georgia

3:50-4:10 p.m.
African Spiny Mouse (Acomys) Regeneration Following Acute, Chronic, and Volumetric Muscle Loss Injuries
Aaron Gabriel Sandoval, University of Florida

4:10-4:30 p.m.
Agrobacterium-Mediated Transformation of Peanuts with Disease Resistance Chitinase and Beta-1,3-Glucanase Genes against “Aspergillus flavus” and “A. parasiticus”
Jozef Petrak, Markell Adams, Rilwan Solarin, Kennesaw State University

3:30-3:50 p.m.
Studying Anomalies in Honey Bee Hives Using Audio Recordings
Ian Watts, Appalachian State University

3:50-4:10 p.m.
Determining the Benefit Human Cytomegalovirus Gains from Targeting the Basement Membrane Protein, Nidogen 1(NID1)
Hannah Jaeger, University of Idaho

4:10-4:30 p.m.
Distinct Innate Immune Responses to Different Murine Mammary Carcinomas Are Evident Within the First 72 Hours of Tumor Injection
Chenyu Zhang, Lafayette College

3:30-3:50 p.m.
Determining the Role of the Mammalian DNA Damage Response Protein RAD1 in Meiotic Chromosome Maintenance
Matthew Guo, Cornell University

3:30-3:50 p.m.
Graph Theory Applications in Kelp Forest Ecosystem Energetics
Madeleine Wagner, Jill Schulze, John Holliday, University of North Georgia

CLENDENNIN BUILDING 1003
Biology
3:30-3:50 p.m.
Adults May Bite Larvae to Correct for the Overproduction of Queen-potential Larvae in the Ant Temnothorax longispinus
Derek Larson, The Sage Colleges
3:50-4:10 p.m.
High Macroinvertebrate Diversity at Different Scales in Deep Sea and Shallow Water Environments
Catalina Rubiano, University of New Orleans

4:10-4:30 p.m.
Identifying Amphibian Pathogens in the Field Through Quantitative PCR
Lauren Bode, Ana Cvetkovic, North Central College

CLENDENIN BUILDING 1010
Biology
3:30-3:50 p.m.
Predicting Patient Response To Immuno-therapy By Kidney Cancer Stage Using The Tumor Microenvironment
Jacquelyn Cobb, Lafayette College

3:50-4:10 p.m.
Prevention of Biofilm Formation Using Local Drug Delivery
Emily Coleman, University of Memphis

4:10-4:30 p.m.
Probiotic Supplements Are Surprisingly Devoid of Antibiotic Resistance
Kathryn Kelly, University of Findlay

CLENDENIN BUILDING 2003
Biochemistry
3:50-4:10 p.m.
Antimicrobial Studies of Zinc Oxide Nanoparticles and Their Chemical Attachment to Cotton Textile for Potential Clinical Applications
Monica Reece, Western Carolina University

4:10-4:30 p.m.
Characterization of XXT1 Modes of Substrate Binding and XXT5 Structure-solubility Relationship Using Site-direced Mutagenesis
Jacqueline Ehrlich, Iowa State University

CLENDENIN BUILDING 2008
Chemistry
3:30-3:50 p.m.
Effects of Naproxen on Mono(n-Butyl) Phthalate Glucuronidation
Emily Phillips, University of North Carolina - Asheville

3:50-4:10 p.m.
Efficient and Complete Synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones for Pharmaceutical Applications Using Nano-reactors
Ethan Finlay, Appalachian State University

4:10-4:30 p.m.
Elucidation of Brown Stains in Wellness Center Pools
Madison Roberts, James Madison University

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
3:30-3:50 p.m.
Climate Change Migration in Cambodia: Law and Policy from an International, Regional, and Local Perspective
Andrew Reeder, Megan Raisle, School for Field Studies

3:50-4:10 p.m.
Conceptual Understandings of Dryland Geo-landscapes and Pastoralist Livelihoods
Will Gnesda, Colorado State University- Cooperative Extension-Jefferson Co

CONVOCATION CENTER 1031
Art History & Visual Arts
3:50-4:10 p.m.
Baroque Art and Graphic Design
Kirstie Arnold, University of Central Oklahoma
4:10-4:30 p.m.
Characterization of the L.A. Look: Polyester Resin as a Vehicle for Los Angeles’ Art Movement
Alexis Moon, University of North Carolina - Asheville

CONVOCATION CENTER 1055
Art History & Visual Arts

3:50-4:10 p.m.
The Art of Genius and Madness
Melissa Chambers, Kennesaw State University

3:30-3:50 p.m.
Louis Ballard and American Indian Representation in Music
Michael Mondoskin, University of Alabama in Huntsville

3:50-4:10 p.m.
Minimalism, Form, and Meaning in Björk: An Analysis of “Utopia”
Madison Coffey, Kennesaw State University

4:10-4:30 p.m.
Music and Medicine: Perceptions and Understandings of Medicine in Music History
Zachary Krauss, Cedarville University

CONVOCATION CENTER 1056
Music

3:50-4:10 p.m.
The American Lear: Family and Fiction; Universal Themes in Miller and Shakespeare’s Work
Emily Bassett, State University of New York- Buffalo

KENNESAW HALL 1103
Communications

3:30-3:50 p.m.
Assessing the Role of Empathy in Persuasive Environmental, Health and Risk Communication
Emily Haberlack, Iowa State University

3:50-4:10 p.m.
Clearing Up the Confusion: Best Practices for Science Communication
Fernanda Culichia, Cedar Crest College

KENNESAW HALL 1107
Communications

3:30-3:50 p.m.
The Power of Live Events: The Importance of Solidarity
Grace Kelly, Ithaca College

3:50-4:10 p.m.
The Presence of Media Censorship and Suppression in Three Countries
Rodesha Elam, Fort Valley State University

4:10-4:30 p.m.
The Supreme Court’s Ruling Moves The Chains in Fantasy Sports
Thomas Horgan, Ithaca College
PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
3:30-3:50 p.m.
Assessing the Feasibility and Efficacy of a Health Promotion Intervention at a Weekly Food Truck Event
Jacob Bleasdale, State University of New York- Buffalo

3:50-4:10 p.m.
Barriers, Knowledge, and Attitudes for Reducing Single-use Plastic Consumption Among College Students
Mckayla Elliott, Sarah Olson, Eastern Washington University

3:30-3:50 p.m.
Screening Tools for Housing Instability in Primary Care Settings
Nimo Mohamed, Jocelin Giles, The College of St Catherine

4:10-4:30 p.m.
Self-efficacy and Mental Health Related Quality of Life in Persons with Type 2 Diabetes
Riley Kimball, University of Pittsburgh School of Nursing

SCIENCE BUILDING 212
Environmental Science & Sustainability
3:30-3:50 p.m.
Using Decomposition of Household Items as an Indicator of Soil Health and Educational Tool in Kamuli District, Uganda
Theresa Brehm, Iowa State University

4:10-4:30 p.m.
Using Historical Habitat and Current Site Data to Identify Suitable Habitat for the Introduction of Blight-resistant American Chestnut
Jonah Fielding, Virginia Polytechnic Institute & State U

SOCIAL SCIENCE BUILDING 2032
Psychology
3:30-3:50 p.m.
Assessing Neurocognitive and Psychosocial Predictors of Schizotypal Personality Traits
Jessica Carpenter, Natalie Rodriguez, Edgar Jimenez, California State University - Channel Islands

4:10-4:30 p.m.
Assessment of Needs and Perceptions Surrounding Mental Health Within a Population of Tunis-based College Students Aged Between 18 and 30 Years Old
Sarra Eddahiri, Elon University

PRILLAMAN HEALTH SCIENCE BUILDING 1101
Exercise Science & Nutrition
3:30-3:50 p.m.
Traumatic Eye Injury in a Soccer Goalie: A Level 4 Rare Event Case Study
Gracyn Haskins, Western Carolina University

3:50-4:10 p.m.
Validity and Reliability of a PUSH Band
Luis Larrauri, University of Central Oklahoma

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
3:30-3:50 p.m.
Rule of Law Predicts Global Health Outcomes
Michael Gallo, William Pelletiers, Moravian College
SOCIAL SCIENCE BUILDING 2033
Psychology
3:30-3:50 p.m.
From Wheatley to West: A Comparative Analysis of Double-Consciousness
Emerald White, Middle Georgia State University

3:50-4:10 p.m.
Gender Socialization Mediated by SES and Birth Order
Garrett Cook, Anthony Pruner, Georgia College and State University

4:10-4:30 p.m.
Having It All: Factors Influencing Work and Family Planning in Emerging Adult Women
Morgan Levy, Lafayette College

SOCIAL SCIENCE BUILDING 2034
Psychology
3:30-3:50 p.m.
Social Media's Affect on Self Esteem
Jazmin Velasco, Daphnie Dilus, Florida Atlantic University

3:50-4:10 p.m.
Stress Mindset and Its Effect on Cognitive Performance
Sonia Yanovsky, University of West Florida

4:10-4:30 p.m.
Subjective Time Perception
Abigail Crowne, Eastern Illinois University

SOCIAL SCIENCE BUILDING 2035
Psychology
3:30-3:50 p.m.
Uncovering Relationships Between Physiological Indicators of Fear and Self-perceived Attitudes Towards a Racial Out-group
Kelechi Basil, Kennesaw State University

3:50-4:10 p.m.
Understanding More About College Students Who Use Multiple Drugs-Who They Are, Their Temperaments and Their Genotypes
Shivani Vasudev, Georgia Gwinnett College

4:10-4:30 p.m.
Utilizing Stress: Manipulating Student’s Stress Mindsets Determines Their Health and Functioning Outcomes
Abigail Fate, Valparaiso University

SOCIAL SCIENCE BUILDING 2036
Sociology
3:30-3:50 p.m.
Intersectionality and the Romanticization of Student Poverty: Constructing New Measures of Food Insecurity
Emma Kiley, An Garagiola-Bernier, Hamline University

4:10-4:30 p.m.
mems and Mental Health: A Study in Stress and Bridging Networks
Kyra Seevers, University of Kentucky

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
3:30-3:50 p.m.
Freedom in the Sermon Literature of Jonathan Edwards
Benjamin Davison, Hope College

3:50-4:10 p.m.
Governing the Human-Animal: An Examination of Plato's Political Philosophy Through Peter Sloterdijk's Account of the Luxurious Animal
Yan Idrissov, Xavier University
SOCIAL SCIENCE BUILDING 3007
Philosophy, Ethics, & Religious Studies
3:30-3:50 p.m.
What Is a Good Patient? Insights from the Philosophy of Medicine
Elise Williams, University of Texas at San Antonio

3:50-4:10 p.m.
Which Oppressed Victorian Women More: Darwinism or Christianity?
Elizabeth Rankin, Dordt College

4:10-4:30 p.m.
Women’s Rights, Buddhism, and Law in Thailand
Nathan Bodger, Stetson University

SOCIAL SCIENCE BUILDING 3010
English & Literature
3:30-3:50 p.m.
“Poesy Breathes in All”: Ecocritical Explorations of an Omnipoetic Universe Through Romantic Birdsong
Beth Fraser, Furman University

3:50-4:10 p.m.
“This Is the Way”: Mary Oliver’s Place in the Male-Dominated Canon and the Limits of Feminist Critique
D’Ayn Sayre, Jacksonville University

4:10-4:30 p.m.
“Under the Heavy Weight of A Thousand Unrelenting Eyes”: The Effects of the Male Gaze in Nathaniel Hawthorne’s The Scarlet Letter
Jessica Spence, Cameron University

SOCIAL SCIENCE BUILDING 3012
English & Literature
3:30-3:50 p.m.
Don’t Bogart That Genre, My Friend: How Automediation Identifies Easy Rider as Autobiography
Daniel Clarke, The College of New Jersey

3:50-4:10 p.m.
Eating Disorders As Seen Through Pop Culture: Class Privilege and the Dangers of Glamorization
Zoe Marien, Eastern Connecticut State University

SOCIAL SCIENCE BUILDING 3019
English & Literature
3:30-3:50 p.m.
Modern Myths: Popular Fiction Creating New Mythology for a New Era
Cassidy Davis, Lubbock Christian University

3:50-4:10 p.m.
Mother Feminism: A Study in Jewish American Literature
Hannah Jane LeDuff, University of Southern Mississippi

4:10-4:30 p.m.
Musical Imagery in the Four Quartets: Understanding Eliot’s Conception of Time
Claire Ehr, Valparaiso University

SOCIAL SCIENCE BUILDING 3021
English & Literature
3:30-3:50 p.m.
Surviving in the “Impersonal Cultural Totality” (or Not): Sympathetic Portrayals of Society’s Misfits in Philip K. Dick’s Electric Dreams
Erik Moss, William Peace University

3:50-4:10 p.m.
Take Action: Public Space, The Internet, And Activism
Byron Miller, Utah Valley University
SOCIAL SCIENCE BUILDING 3023
English & Literature
3:30-3:50 p.m.
With Each Day There Is Hope, Until the Sun Sets: John Steinbeck’s Of Mice and Men
Savannah Bennett, Western Carolina University

3:50-4:10 p.m.
Women of Japan: Reproductive Rights Issue
Grace Gilbertson, University of Wisconsin - River Falls

4:10-4:30 p.m.
Wordless Narrative
Alicia McDonald, State University of New York- Brockport

SOCIAL SCIENCE BUILDING 3026
History
3:50-4:10 p.m.
I Want to Be Free, Free, Free: the Mississippi Freedom Schools of 1964
Emma Appleton, James Madison University

4:10-4:30 p.m.
“Only a Passing Idiocy”: The Ku Klux Klan in Maine State Politics
Erin Best, Bridgewater State University

SOCIAL SCIENCE BUILDING 3028
History
3:30-3:50 p.m.
Dreyfus Remembered
Kaitlyn Kenney, Liberty University

3:50-4:10 p.m.
Dungeons and Distortions: Misconstructions of Druidism in Dungeons and Dragons
Meagan Bojarski, University of Alabama in Huntsville

4:10-4:30 p.m.
Education for Liberation: The Mississippi Freedom Schools
Thomas Ruhl, Siena College

SOCIAL SCIENCE BUILDING 3029
History
3:30-3:50 p.m.
Magical Battlegrounds: The Development of Disneyland and the Culture of Cold War America
Stephen Davis, Liberty University

3:50-4:10 p.m.
Manning Up with the Times: How the Concept of ‘Virtus’ Shifted Among Ancient Roman Authors
Nicholas Tarnowski, Xavier University

4:10-4:30 p.m.
Margaret Chase Smith's 1972 Election: The Fall of a Institutional Giant
Allison Kobzowicz, Liberty University

SOCIAL SCIENCE BUILDING 3030
History
3:50-4:10 p.m.
The Jewish Paul: Critiquing the Presuppositions of the Traditional Interpretation of Romans 14
Erik Mattson, Kennesaw State University

SOCIAL SCIENCE BUILDING 3031
Anthropology & Archeology
4:10-4:30 p.m.
Cycladic Figures: No Longer Simply Ghosts
Noelle Juengel, University of Central Oklahoma
STUDENT ORAL SESSION 5 - FRI 8:30AM-9:30AM

BAGWELL EDUCATION BUILDING 119
Education
8:30-8:50 a.m.
Black Pre-Service Teachers Examining Their Experiences and Beliefs Around Liberatory Pedagogy
Whitney Lott, Precious Brown, Bria Taylor, Cierra Cooper, Jasmin Moffett, Tamera Tillman, Kennesaw State University

8:50-9:10 a.m.
Bolstering Legitimacy and Education in a Student-run, Faculty-sponsored Undergraduate Research Journal
Matthew Ward, Itai Palmon, University of Michigan

9:10-9:30 a.m.
Building Institutional Support for Undocumented Students in Michigan Public Colleges and Universities
Melissa Hernandez, University of Michigan

BAGWELL EDUCATION BUILDING 127
Education
8:50-9:10 a.m.
Preparing Culturally Competent Elementary School Teachers
Tori Smith, Sean O’Rourke, Jonathon Arndt, Olivia Thomas, Minnesota State University, Mankato

9:10-9:30 a.m.
Preparing Scientists with Global Cultural Competency
Zachary Koestler, Harrison Bi Ying Wong, Minnesota State University, Mankato

BAGWELL EDUCATION BUILDING 129
Diversity Studies
8:30-8:50 a.m.
Belonging and Not Belonging: The Coexistence of Identities in Diasporic Communities
Gabriela Rodriguez, Colgate University

8:50-9:10 a.m.
Black Womb/ Black Grave
Samantha Davis, Emory University

9:10-9:30 a.m.
Blackness in Latin America: Racial Discourse and the Role of the Census
Nayely Hurtado, Iowa State University

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
8:30-8:50 a.m.
Development and Utilization of Virtual Reality Educational Content for Use by Students of Chemistry
Tim Smith, Danny Gray, Logan Barnes, Utah Valley University

8:50-9:10 a.m.
Donors and Higher Education Policy
Janine Gaspari, George Mason University

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
8:30-8:50 a.m.
The Impacts of Post-genocide Jurisprudence: How Is the ICTY Perceived by Survivors of the Bosnian Genocide?
Sophie Gagnaire, Long Island University

8:50-9:10 a.m.
The Importance of Hawaiian Representation in American History According to Avatar: The Last Airbender
Nicole Sagapolutele, Chaminade University of Honolulu
9:10-9:30 a.m.  
The Making of Sport and Culture in the U.S.: Historical Context for the Public Health Crisis on Long-Term Effects of Injury  
Brayden Milam, Kennesaw State University

BAGWELL EDUCATION BUILDING 132  
Political Science  
8:30-8:50 a.m.  
Civil Society and Democratic Backsliding: A Case Study of Kenya, Ghana, and Tanzania  
Elizabeth Irlbacher, American University

8:50-9:10 a.m.  
Community-Police Relations: A Collateral Casualty in the War on Drugs  
James Vithoulkas, Virginia Commonwealth University

9:10-9:30 a.m.  
Conclaves in the Modern Papacy: Factors That Influence the Elections of Popes (1846-Present)  
Jair Peltier, University of Minnesota

BAGWELL EDUCATION BUILDING 135  
Political Science  
8:30-8:50 a.m.  
Opioids in the United States: What Factors Predict Opioid Death Rates Across the 50 States?  
Jessie Kalinowski, Valdosta State University

8:50-9:10 a.m.  
Party Agenda Setting: Does Congressional Attention to Children’s Health Encourage Party Members to Be More Productive on the Issue?  
McKenley Webb, Western Carolina University

9:10-9:30 a.m.  
Peacebuilding Between State and Non-State Actors: A Comparative Case Study of Afghanistan and Colombia  
Sahrab Azad, American University

BAGWELL EDUCATION BUILDING 219  
Political Science  
8:30-8:50 a.m.  
Transatlantic Civil Death: A Comparative Analysis of the United States and the United Kingdom  
Sydney Burchfield, Western Carolina University

Education  
9:10-9:30 a.m.  
Motivating the Unmotivated: How Are We Supporting Struggling Readers in Upper Elementary Classrooms?  
Macy Wood, Georgia Southern University

BAGWELL EDUCATION BUILDING 221  
Criminology/Criminal Justice  
8:30-8:50 a.m.  
Speaking Out on Twitter: An Analysis of Why College Students Do Not Report Sexual Assaults  
Emily Meinert, University of West Georgia

8:50-9:10 a.m.  
The Case of Styllou Christofi: Pleading Criminal Insanity as a Defense in Twentieth-Century London Courts  
Rebecca Dahl, University of Central Oklahoma

9:10-9:30 a.m.  
The Examination of Returning Citizen’s Pro-Social Life Through Rehabilitative Programs: Circles of Support and Accountability (CoSA) and Good Lives Model (GLM)  
Katerina Mathes, Kennesaw State University
BURRUSS BUILDING 105
Business
8:30-8:50 a.m.
Corporate Social Responsibility and Firm Performance: The Moderating Role of National Culture
Claire Kilpatrick, Albright College

8:50-9:10 a.m.
Demonstrating Soft Skills and Values?: A Means-end Chain Analysis of Undergraduate Job Market Demand
Jennifer Drazkowski, Margaret Sheely, University of Wisconsin - La Crosse

9:10-9:30 a.m.
Design Allies
Katie Nimmo, University of the Pacific

BURRUSS BUILDING 108
Business
8:30-8:50 a.m.
The Feasibility of Implementing Electroconvulsive Therapy (ECT) in the Eastern Region of Connecticut
Jacqueline Scanlon, Eastern Connecticut State University

8:50-9:10 a.m.
The Impact of Gasoline Prices on Georgia Tourism, 2007-2017
Robert Archer, Reinhardt University

9:10-9:30 a.m.
The Need for Disaster Recovery and Incident Response: Understanding Disaster Recovery for Natural Disasters Versus Cyber-Attacks
Kyle Sicard, Kennesaw State University

BURRUSS BUILDING 109
Engineering
8:30-8:50 a.m.
A Low-Cost Velocity and Slug Length Meter for “Lab-on-a-Tube” Devices for Real-Time Control
Corwin Kerr, North Carolina State University

8:50-9:10 a.m.
Additive Manufactured Composite Layup Molds
Michael Malec, Annalin Valero, Andrew Jenke, Isaiah Fleming, Kurt Romberg, Metropolitan State University of Denver

9:10-9:30 a.m.
Additively Manufactured Reeds for Low Frequency Noise Mitigation
Ethan Casavant, University of Hartford

BURRUSS BUILDING 114
Engineering
8:50-9:10 a.m.
Earth-Moon-Earth (EME) Communication
Alexander Lee, Nick Wells, Connor Cusi-Asquith, Loyola Marymount University

9:10-9:30 a.m.
Effects of Pebble Size and Arrangement on Heat Transfer of a Pebble Bed Reactor
Julian Spangler, Kennesaw State University

BURRUSS BUILDING 117
Engineering
8:30-8:50 a.m.
Non-covalent Functionalization: Surface Modification of the Sp2 Network of Carbonaceous Nanomaterials-Effective Measure for Aircraft De-icing?
Margaret Pisacano, Embry - Riddle Aeronautical University

8:50-9:10 a.m.
Novel Polymer-derived Ceramic Matrix Composite Fabrication Using Additive Manufacturing for High Temperature Aerospace Applications
Spencer Dansereau, Montana State University Bozeman

9:10-9:30 a.m.
Novel Synthesis Method for Nanoscale Three Dimensional Printing
Alex Resnick, Kennesaw State University
BURRUSS BUILDING 152
Mathematics
8:30-8:50 a.m.
Combinatorial Tiling Proofs of Fibonacci Identities
Joshua Crouch, Southern Nazarene University

8:50-9:10 a.m.
Detecting and Performing Flypes Using Planar Diagram Codes
Trivan Menezes, Western Kentucky University

9:10-9:30 a.m.
Developing a Sustainable Food Pantry at Cheston Elementary School
Michelle Foley, Lafayette College

BURRUSS BUILDING 293
Physics
8:50-9:10 a.m.
Cosmic Radiation Detection Utilizing Muon Particle Detectors to Distinguish Rates of Muon Interactions Compared with Elevation
Alyx Perkins, Chris Fickess, Kyleigh Wagar, University of Central Oklahoma

9:10-9:30 a.m.
Design, Testing, and Operation of Modular Multiwire Proportional Chambers for Cosmic Ray Muon Detection
Michael Reynolds, Kennesaw State University

BURRUSS BUILDING 368
Computer Science
8:50-9:10 a.m.
Cloud-Based Evolutionary Programming with Machine Learning For Novel Brain-State Classification in Stroke Survivors
Scott Heston, Georgia Institute of Technology

9:10-9:30 a.m.
Comparing the Power of Algorithmic Techniques and Programming Languages on Charles Babbage's Primality Test
Benjamin Stringer, Vincent Liu, Samuel Hacker, University of Kentucky

BURRUSS BUILDING 370
Computer Science
8:30-8:50 a.m.
The Quality of Routing Services: Comparison of Observed and Estimated Travel Times
Nicholas Alvino, Peter Hannon, Andrew Floyd, Max Acosta, Kean University

8:50-9:10 a.m.
Two Models for Bee Migration to New Hives
Matthew Marshall, Susquehanna University

9:10-9:30 a.m.
Uncovering Patterns in Hate Crimes in the United States Using Visual Analytics
Keerthana Sadasivan, Minnesota State University, Mankato

CLENDENIN BUILDING 1003
Biology
8:30-8:50 a.m.
Alien Invaders in Central Appalachia: Analyzing the Raptorial Strikes of Praying Mantises
Christopher Smith, Jesse Harris, The University of Virginia's College at Wise

8:50-9:10 a.m.
An Analysis of the Efficacy of Varying Sampling Protocols for Necturus maculosus
Samuel Pallis, Eastern Connecticut State University
9:10-9:30 a.m.
An Analysis on Biopsychosocial Symptoms and Future Treatment Possibilities for Parkinson's Disease
Olivia Lawler, John Brown University

CLENDENIN BUILDING 1008

Biology
8:30-8:50 a.m.
Does Garcinia kola Treatment Exhibit Anti-diabetic Properties in a Mouse Model of Type 1 Diabetes?
Kholood Abuhadid', Kate Kopeck, Emily Barbaro, Saint Cloud State University

CLENDENIN BUILDING 1009

Biology
8:50-9:10 a.m.
Improved Structural Organization and Development of iPS-derived Cardiomyocytes Using Decellularized Extracellular Heart Matrix
Enrique Coca Frias, University of Utah

CLENDENIN BUILDING 1010

Biology
8:30-8:50 a.m.
Quantifying Bos taurus Vocalizations as an Indicator of a Welfare Issue
Brooke Burns, Western Carolina University

8:50-9:10 a.m.
Racial Differences in Lung Tumor Immune Cell Abundance Can Predict Chemotherapy Drug Response
Jasmin Vargas, Lafayette College

9:10-9:30 a.m.
Reassessment of Inbreeding and Effective Population Size of the Critically Endangered Common Tern (Sterna hirundo) Population In Bermuda
Abigail Ridler, Eastern Connecticut State University

CLENDENIN BUILDING 2003

Biochemistry
8:30-8:50 a.m.
Designing Chondroitin Sulfate Glycosaminoglycan Hydrogel Matrices for Neural Stem Cell Differentiation
Morgan Goeden, University of Georgia

9:10-9:30 a.m.
Elimination of 2-ethynylpyridine Polymerization Using E11Q, a Mutation of Bacteriophage T4 Lysozyme
William Turner, Kennesaw State University

CLENDENIN BUILDING 2008

Chemistry
8:50-9:10 a.m.
Evaluation of Bulk Properties and Surface Adsorption of Fuels by Electrochemistry
Jack Andrews, Oakland University

9:10-9:30 a.m.
Exchange Equilibria of Oleate with Halide, Carboxylic, Amine, and Thiol Ligands in Solution-phase PbS Quantum Dots Monitored by NMR Spectroscopy
Perry Wasdin, University of West Georgia
STUDENT ORAL SESSION 5 - FRI 8:30AM-9:30AM

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
8:30-8:50 a.m.
Contingent Valuation of Riparian Buffers Along Recreational Trails
Jenna Ellis, Lafayette College

9:10-9:30 a.m.
Effect of Chinese Privet (Ligustrum sinense) on Nutrient Recycling in Georgia's Piedmont Region
Mark Chadwick, Hadyn Westbrook, Georgia College and State University

CONVOCATION CENTER 1031
Art History & Visual Arts
8:30-8:50 a.m.
Co-creating Sketchnote Visuals with Honors Students
Haley Grote, Mary Murphy, Iowa State University

9:10-9:30 a.m.
Contemporary Images Of Rape
Morgan Bibbins, Eastern Connecticut State University

CONVOCATION CENTER 1055
Art History & Visual Arts
8:50-9:10 a.m.
The Concept of Ma'at and Women in Ancient Egypt
Alyssa Woodall, Kennesaw State University

9:10-9:30 a.m.
The Evolution of Environmental Art: Visualizing the Relationship Between Humans and Nature Since the Nineteenth-Century
Tove Conway, University of St Thomas

CONVOCATION CENTER 1056
Music
8:30-8:50 a.m.
Music and Mental Health
Molly Jennings, Kennesaw State University

8:50-9:10 a.m.
Music and National Identity in Ecuadorian Pasillo
Larissa Brumlow, Trinity Christian College

9:10-9:30 a.m.
The Effects of Music Therapy and Drama Therapy on Those Individuals Suffering from Psychiatric Disorders
Zachary Krauss, Cedarville University

CONVOCATION CENTER 2007
Theatre/Drama
8:30-8:50 a.m.
The Upkeep of Male Power: Complacency in Patriarchal America
Alyssa Egelhoff, Kennesaw State University

8:50-9:10 a.m.
Women Pushing The Pen In Arthur Miller's Work: An Analysis of the Impactful Women in Miller’s Life and Career
Tylar Benedetto, State University of New York- Buffalo

9:10-9:30 a.m.
Women’s Writing Case Study: From Initiation to Full Production and Beyond -- Bloodroot: The Ballad of Clinch Mountain
Rebecca Pickard, Laura Falcione, Adell Ehrhorn, Sarah Beattle, Kristin Lindquist, Teagan Cooper, Shelby Mason, Courtney Gill, Stefania Smith, Liberty University
KENNESAW HALL 1103
Communications
8:50-9:10 a.m.
Deconstructing Binaries: Analyzing a Message from The Foundation for a Better Life
Telena Turner, The University of Virginia’s College at Wise

9:10-9:30 a.m.
Disturbing Trends in Media Representation of Women
Raven Stephens, Fort Valley State University

KENNESAW HALL 1107
Communications
8:30-8:50 a.m.
Tokenism For a Seat at the Table: A Critical Analysis of Representation in the Series “Sense8”
Thomas Mannion, Salisbury University

8:50-9:10 a.m.
Understanding and Exploring the Reasons for Unsettled Race Relations in Post-Apartheid South Africa
Emily Wolfe, Hope College

9:10-9:30 a.m.
Understanding the Role of Trust and Credibility in Public Understanding of Science and Attitudes Toward Scientists
Madelyn Huinker, Iowa State University

PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
8:30-8:50 a.m.
Child Marriage Under Emergency Contexts: An Ethiopian Refugee Camp Analysis
Vidhya Balasubramanian, University of North Carolina at Charlotte

8:50-9:10 a.m.
Childhood Nutrition in Underprivileged Socioeconomic Groups: A Comparison Between the United States and South Africa
Sarah Mullen, University of North Carolina at Charlotte

9:10-9:30 a.m.
Creating Separate Growth Curves of U.S. Preterm Infants by Race Improves Classification
Karen Womack, Hank Goldmon, Kennesaw State University

PRILLAMAN HEALTH SCIENCE BUILDING 1101
Physical/Occupational Therapy & Speech Language Pathology
8:30-8:50 a.m.
Improving the Accuracy of Speech-Language Services for Speakers of Nonmainstream American English
Kristian Wynn, Wayne State University

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
8:50-9:10 a.m.
Suicide and Mental Health Funding in Michigan: The Effects of Available Behavioral Health Resources on Rural Suicide Rates
Kira Zimmerman, American University

9:10-9:30 a.m.
Take a Walk on the Wild Side: An Introduction to Wilderness First Aid
Emma Duff, Roanoke College

SCIENCE BUILDING 212
Environmental Science & Sustainability
8:30-8:50 a.m.
Water Access, Equity and Governance in a Tanzanian Pastoral Community
Spencer Rhea, Colorado State - Colorado State University- Cooperative Extension-Jefferson Co
8:50-9:10 a.m.
Zero Waste Initiative Waste Audits for a Sustainable Campus
Justin West, Leslie Edwards, Tulsa Community College

Chemistry
9:10-9:30 a.m.
Altered Zinc Oxide Nanoparticles and the Potential Changes in the Antimicrobial Properties
Kaitlyn Brasecker, Wake Forest University

SOCIAL SCIENCE BUILDING 2032
Psychology
8:30-8:50 a.m.
Associations Between Early Childhood Stress, Cognitive Functions, and Marijuana Use
Sonia Hopkins, University of Memphis

SOCIAL SCIENCE BUILDING 2033
Psychology
8:30-8:50 a.m.
How Do People Regulate Important Goals? Exploring Construal Level and Goal Hierarchies
Victoria Ouzounian, Adelphi University

SOCIAL SCIENCE BUILDING 2034
Psychology
8:30-8:50 a.m.
The Association Between Comprehension Self-Efficacy and Understanding of Goal Structure Following a Narrative Structure Intervention
Jenna Jodts, University of Kentucky

SOCIAL SCIENCE BUILDING 2035
Psychology
8:30-8:50 a.m.
Monima Anam, University of Alabama at Birmingham

9:10-9:30 a.m.
Inclusion, Self-Determination, and Acceptance: A Qualitative Analysis of Interviews with Adults with Disabilities
MADISON SURRETT, Rebecca Peterson, Western Carolina University

9:10-9:30 a.m.
The Association Between Sleep Dysfunction and the HPA Axis
Sunya Reddy, Angela Chieh, University of Alabama at Birmingham

9:10-9:30 a.m.
The Association of Depression and Alcohol Use in Social Media Among Women from Underrepresented Minority Groups
Brittany Cobb, University of North Carolina at Charlotte

8:50-9:10 a.m.
What are the Psychological Predictors of Traits of Autism? A Study of Gender Variation
Kayla Garner, Heidi Alhabash, Averi Barrett, Travis Whitfield, California State University - Channel Islands
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>9:10-9:30 a.m.</td>
<td>What Now? Increasing Understanding of Factors Influencing Recommendation of Resources for Sexual Assault</td>
<td>Elizabeth Belanger, Elon University</td>
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<td>SOCIAL SCIENCE BUILDING 2036 Sociology</td>
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<tr>
<td>8:50-9:10 a.m.</td>
<td>Pluralistic Nationalism: The Example of the Kurds</td>
<td>Rachel Silcox, Valparaiso University</td>
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<td>SOCAL SCIENCE BUILDING 2038 Philosophy, Ethics, &amp; Religious Studies</td>
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<tr>
<td>8:30-8:50 a.m.</td>
<td>How Art Helps Us Understand: A Neo-Cognitivist Theory of the Value of Art</td>
<td>Madeline Hass, University of Wisconsin - Oshkosh</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>How Do Shifts in Cosmology Impact Religious Understanding?</td>
<td>Elizabeth Rankin, Dordt College</td>
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<td>SOCIAL SCIENCE BUILDING 3010 English &amp; Literature</td>
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<tr>
<td>8:30-8:50 a.m.</td>
<td>&quot;Vivons, si vers la vie on peut me ramener&quot;: The Afterlife of Tragedy in Racine's Phèdre and Garnier's Hippolyte</td>
<td>Carrie Heusinkveld, University of Rochester</td>
</tr>
<tr>
<td>8:50-9:10 a.m.</td>
<td>&quot;You Have Conquered, and I Yield&quot;: A Look at the Presence of Conscience and Morality in the Short Stories of Edgar Allen Poe</td>
<td>Torri Frye, Trevecca Nazarene University</td>
</tr>
<tr>
<td>9:10-9:30 a.m.</td>
<td>A Life and Death of Submission: An Analysis of Gregor Samsa's Condition in Franz Kafka's “The Metamorphosis”</td>
<td>Bailey Scott, John Brown University</td>
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<td>SOCIAL SCIENCE BUILDING 3012 English &amp; Literature</td>
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<tr>
<td>8:30-8:50 a.m.</td>
<td>Experts and Aliens: Knowledge and Fear in The Three-Body Problem</td>
<td>Tyler Whitney, Utah State University</td>
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<tr>
<td>8:50-9:10 a.m.</td>
<td>Exploring Cultural History in Representations of Childhood and Adolescence in Contemporary American Dramas</td>
<td>Salvatore Casto, Brooklyn College</td>
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</tbody>
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**Council on Undergraduate Research**

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<thead>
<tr>
<th>SOCIAL SCIENCE BUILDING 3019</th>
<th>8:30-8:50 a.m.</th>
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<tbody>
<tr>
<td>English &amp; Literature</td>
<td>Nineteenth-Century Representations of Madness in Mary Lamb’s “Envy”</td>
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<td>Emily Rasch, University of Southern Mississippi</td>
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<tr>
<th>SOCIAL SCIENCE BUILDING 3021</th>
<th>8:30-8:50 a.m.</th>
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<tbody>
<tr>
<td>English &amp; Literature</td>
<td>The Abuse of Free Will in Canto 16 of Dante’s Purgatorio</td>
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<td>Mikayla Pruett, John Brown University</td>
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<th>SOCIAL SCIENCE BUILDING 3023</th>
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<tr>
<td>English &amp; Literature</td>
<td>Words Collide: An Analysis of Modes of Communication in Stupeur et Tremblements</td>
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<td>Nicholas Reznick, Missouri Western State University</td>
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<tr>
<th>SOCIAL SCIENCE BUILDING 3026</th>
<th>8:30-8:50 a.m.</th>
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<tbody>
<tr>
<td>History</td>
<td>“The Mirror and the Magnifying Glass: Jacob Riis, Ward McAllister, and the Polarized Society of Gilded Age New York”</td>
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<td>Emily Parrow, Liberty University</td>
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<tr>
<th>SOCIAL SCIENCE BUILDING 3028</th>
<th>8:30-8:50 a.m.</th>
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<tr>
<td>History</td>
<td>Elizabeth I and Morocco: Convenient Allies or Worthwhile Friends?</td>
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<td>Michael Setzler, Salisbury University</td>
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<tr>
<th>STUDENT ORAL SESSION 5 - FRI 8:30AM-9:30AM</th>
<th>8:50-9:10 a.m.</th>
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<tbody>
<tr>
<td>English &amp; Literature</td>
<td>Writing in the Language of the Other: A Study of Postcolonial Discourse in the Writings of Aimé Césaire</td>
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<td>Marissa Jayawickrema, University of Hartford</td>
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<tr>
<th>Linguistics &amp; World Languages</th>
<th>9:10-9:30 a.m.</th>
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<tbody>
<tr>
<td>“Anguagelay Amesgay”: Linguistic Insights from Language Games</td>
<td>Megan McClure, Liberty University</td>
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<tr>
<th>SOCIAL SCIENCE BUILDING 3026</th>
<th>9:10-9:30 a.m.</th>
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<tbody>
<tr>
<td>History</td>
<td>‘Sing, O Barren One’: The Rhetorical Function of Isaiah 54 in the Hagar/Sarah Allegory of Galatians 4</td>
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<td>Amanda Bryant, University of Tennessee at Knoxville</td>
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<tr>
<th>SOCIAL SCIENCE BUILDING 3028</th>
<th>9:10-9:30 a.m.</th>
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<tbody>
<tr>
<td>History</td>
<td>Emma Tenayuca: San Antonio Community Activist</td>
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<td>Adriana Melendez, San Jacinto College Honors Program</td>
</tr>
</tbody>
</table>
# Student Oral Session 5 - Fri 8:30AM-9:30AM

## Social Science Building 3029
### History

**8:30-8:50 a.m.**
Marriage & Murder: Female Criminality in Thirteenth Century England  
*Rena Norman, Hendrix College*

**8:50-9:10 a.m.**
Medieval English Royal Forests: The Foundation for Hugh Despenser's Corruption  
*Kyle Flechsig, University of North Carolina at Wilmington*

**9:10-9:30 a.m.**
Midnight's Progeny: Toxic Masculinity's Role in Gendered Partition Violence  
*Kelin Haney, University of Central Oklahoma*

## Social Science Building 3030
### History

**8:50-9:10 a.m.**
The Message in the Magazines: The Role of Popular Media in the Movement Against Sexual Harassment in the Late 20th Century  
*Elizabeth Janes, Roanoke College*

**9:10-9:30 a.m.**
The Motivations Behind the Diplomacy of the Marshall Plan: An Analysis on U.S. Foreign Policy in a Post-War Economy  
*Marissa Swope, Liberty University*

## Social Science Building 3031
### Anthropology & Archeology

**8:30-8:50 a.m.**
Exploring Early Modern Fortifications in Sicily Using HGIS  
*Maria Coughlin, University of North Georgia*

**8:50-9:10 a.m.**
From Overseas to Overwhelmed: A Study on Chinese International Students' Academic and Job Performance in Relation to Assimilation Level  
*Miaomiao Huo, University of Kansas School*

**9:10-9:30 a.m.**
Indigenous Religion in Christianity  
*Raven Wahkinney, University of Central Oklahoma*
### BAGWELL EDUCATION BUILDING 119
#### Education
9:45-10:05 a.m.
*Children's Literature Is the Modern Form of Segregation*
Lucy Kebler, Augustana College

10:05-10:25 a.m.
*Cognitive Load Induced by Design Elements of the Ribbon Model of Proteins*
Erin Morrow, Kennesaw State University

10:25-10:45 a.m.
*Communicating Science to the Public: Empowering the Community to Help Delay the Post-Antibiotic Era*
Julianna Marotta, Cedar Crest College

### BAGWELL EDUCATION BUILDING 127
#### Education
10:05-10:25 a.m.
*Professional Noticing of Pre-Service Teachers in Relations to Race and Gender Equity*
Brittney Sawyer, Taylor Marzilli, University of Kentucky

### BAGWELL EDUCATION BUILDING 129
#### Diversity Studies
9:45-10:05 a.m.
*Cultural Feminism and Politicizing Lesbian Porn: The Sex Wars of the 1990s*
Paxton O’Bryen, Virginia Commonwealth University

10:05-10:25 a.m.
*Diverse Literature Must Be Taught In Schools*
Margaret (Maggie) Logan, Southwestern Oklahoma State University

10:25-10:45 a.m.
*Employment Discrimination Against Gay Men: Effects of Stereotyped Flamboyance, Gender Inversion, and Professionalism on Hiring Practices*
Henry Ware, Virginia Commonwealth University

### BAGWELL EDUCATION BUILDING 130
#### Interdisciplinary Studies
9:45-10:05 a.m.
*Efficacy of Citizen’s Diplomacy for Taiwanese Soft Power Efforts*
Julia McCoy, Long Island University

10:05-10:25 a.m.
*Encouraging Private Sector and Higher Education Collaboration Within the Creative Media Space*
Alexandra Newhouse, Georgia State University

10:25-10:45 a.m.
*Forgotten and Forsaken Bodies: Black Trauma and the Problematic Construction of History in Public Memorials*
Iceline King, St. Catherine University

### BAGWELL EDUCATION BUILDING 131
#### Interdisciplinary Studies
9:45-10:05 a.m.
*The Monstrous Mouths of Women in the #Me Too Era*
Bailey Flannery, University of Wisconsin - Milwaukee

10:05-10:25 a.m.
*The Nuclear Pen: Examination of the Intimate Relationship Between Atomic Literature, Ecology, and the Arts*
Rachel Swan, Milligan College

10:25-10:45 a.m.
*The Reconstruction of Hegemonic Masculinity in Heredia, Costa Rica*
Emma Barker, Long Island University
STUDENT ORAL SESSION 6 - FRI 9:45AM-10:45AM

BAGWELL EDUCATION BUILDING 132
Political Science
9:45-10:05 a.m.
Consequences of Colombian Peace Treaty
Miguel Correa, Hampden-Sydney College

10:25-10:45 a.m.
Croatia's Road to Independence and Franjo Tudjman's Rise to Power
Sheham Saif, Wayne State University

BAGWELL EDUCATION BUILDING 135
Political Science
9:45-10:05 a.m.
Platonic and Aristotelian Moderation in a Contemporary Political Context
Camilla Kline, Emory University

10:05-10:25 a.m.
Political Affiliation and the Prejudice It Creates in the NFL Protest
Geoffrey Stephen, Tariq James, Florida Atlantic University

10:25-10:45 a.m.
Political Divide and Its Influence on Civic Engagement
Alejandra Rodriguez, Anthony Vultaggio, Florida Atlantic University

BAGWELL EDUCATION BUILDING 219
Political Science
9:45-10:05 a.m.
Visuals of Nationalism and Populism in Western European Political Discourse
Addison Cross, St. Catherine University

10:05-10:25 a.m.
Waking Up From The American Dream: Examining Attitudes Toward Economic Mobility Among American Voters
Alexander Adams, Florida State University

10:25-10:45 a.m.
Sierra Anderson, University of Alabama at Birmingham

BAGWELL EDUCATION BUILDING 221
Diversity Studies
9:45-10:05 a.m.
Why “Just Make It Free” Isn't the Only Answer: Health, PE, & Recreation Majors Gain an Understanding About the Complexity of Poverty
Matt Long, Taylor Carrigan, Seth Blanton, Western Carolina University

Education
10:05-10:25 a.m.
The Impact of Income Diversity and School Choice on Test Scores in Milwaukee, Wisconsin
Cassie Schmidt, University of Wisconsin - La Crosse

BURRUSS BUILDING 105
Business
9:45-10:05 a.m.
Determining Perception of Media Bias
Grace Sauter, Daniel Terry, Florida Atlantic University

10:25-10:45 a.m.
Do Americans Feel Comfortable With the Advancements In Self-Driving Car Technology?
Julia Gaglio, Laura Bautista, Florida Atlantic University

BURRUSS BUILDING 108
Business
9:45-10:05 a.m.
The Presence of Female Leadership and How It Relates to Corporate Social Performance
Caroline Johnson, Fordham University
10:05-10:25 a.m.
The Requirements for an Effective Advocacy Advertising Campaign
Margaret Sheely, James Flynn, Nicole Barr, University of Wisconsin - La Crosse

10:25-10:45 a.m.
The Role of Technology in Rail Transportation and Logistics
Andrew Buus, University of Wisconsin - Whitewater

BURRUSS BUILDING 109
Engineering
9:45-10:05 a.m.
Aerial Robotics SAE Heavy Lift 2019 Advanced Class Bomber and Autonomous Glider Design
Joshua Hunter, Kennesaw State University

10:25-10:45 a.m.
Analysis of Rayleigh-Bénard Convection with Magnetic Resonance
Brenden Pelkie, Montana State University Bozeman

BURRUSS BUILDING 114
Engineering
9:45-10:05 a.m.
Engineered Amine Dehydrogenase Exhibits Altered Kinetic Mechanism Compared to Parent with Implications for Industrial Application
Joshua Whitley, Georgia Institute of Technology

10:05-10:25 a.m.
Enhanced Efficiency of Non-toxic, Easily-processable BiI3 Thin Film Solar Cells Using Close-space Sublimation to Achieve Highly Controllable Crystal Orientation
James McRae, Emily Molstad, Risbel Rivas, Worcester Polytechnic Institute

10:25-10:45 a.m.
Enhancing T Cell Therapies Via Heat-induced Chimeric Antigen Receptors
Lee-Kai Sun, Georgia Institute of Technology

BURRUSS BUILDING 117
Engineering
9:45-10:05 a.m.
NU Nozzle Design
Emily Oliver, Troy Davis, Carisa DeKalb, Norwich University

10:05-10:25 a.m.
On Effect of Process Parameters on Slot Milling of Heat Treated EN24 Steel Metals
Anthony Taibi, Krishnaraj Vijayan, Kennesaw State University

10:25-10:45 a.m.
Exact Formulas for Invariants of Hilbert Schemes
Matthew Schoenbauer, Notre Dame University Of

10:25-10:45 a.m.
Fractional Calculus and Its Connection to the Tautochrone
Matthew Dallas, Georgia College and State University
10:05-10:25 a.m.
Using a Bilingual Dictionary to Expand Topic Model Training Data
Kevin Prehn, Elmhurst College

10:25-10:45 a.m.
Using a Recurrent Neural Network and Articulatory Synthesis to Accurately Model Speech Output
Salvatore Skare, University of Wisconsin - La Crosse

CLENDENIN BUILDING 1003

Biology
10:05-10:25 a.m.
An Integrative Study of Marmot Responses to Ecotourism
Julia Nelson, University of North Carolina at Charlotte

10:25-10:45 a.m.
An Ornamental Plant Found Spreading Aggressively: Potential Invasiveness of Dryopteris erythrosora (Dryopteridaceae) in North America
Hannah Umstead, University of North Georgia

CLENDENIN BUILDING 1008

Biology
10:05-10:25 a.m.
Effect of Dietary Carbohydrate Type and Inclusion Rate on Growth and Feed Efficiency in Largemouth Bass, Micropterus salmoides
Kalvin Rucker, Kentucky State University

10:25-10:45 a.m.
Effect of Extracorporeal Shockwaves on Rhizopus Oryzae Biofilm
Tyson Hillock, Utah Valley University

10:25-10:45 a.m.
Effect of Intraspecific Diversity in Pseudomonas aeruginosa Populations on Antibiotic Susceptibility
Isabela Pavkov, Sara Cleland, Georgia Institute of Technology
CLENDENIN BUILDING 1009
Biology
9:45-10:05 a.m.
Influences of Meiofauna Abundance and Diversity on Nannygoat Beach, Sapelo Island, Georgia
Kendall Maze, University of North Georgia

CLENDENIN BUILDING 1010
Biology
9:45-10:05 a.m.
Relative Rates of Parasitism of Butterflies on Non-native vs. Native Host Plants
Gwen Kirschke, Agnes Scott College

10:05-10:25 a.m.
Role of Exosomes on Cell Differentiation into Cancer Subtypes: An RNA Sequencing Analysis
Danielle Schaal, Ouachita Baptist University

10:25-10:45 a.m.
Role of the Six1/mir30a Axis in Rhabdomyosarcoma
Hope Eden, University of Wisconsin - Superior

CLENDENIN BUILDING 2003
Biochemistry
9:45-10:05 a.m.
Elucidating the Biochemical Properties of a Phospholipid-Binding Protein
Amith Punyala, Cornell University

10:05-10:25 a.m.
evaluation of Potential Binding Sites for Efflux Pump Inhibitor NSC 60339 Through Multi-drug Potentiation and Uptake
Robert Cascella, University of Oklahoma Norman Campus

10:25-10:45 a.m.
Evidence for Cysteine-tyrosine and Dicysteine Cross-linking in Mammalian Sperm Protamines
Christian Powell, University of Kentucky

CLENDENIN BUILDING 2008
Chemistry
9:45-10:05 a.m.
Harnessing the Economic, Nutritive and Commercial Potential of Pomace Employing Principles of Green Chemistry by Extraction of Biologically Active Components (BACs) Using Ultrahigh-Pressure Extraction
Allison Larsen, Embry - Riddle Aeronautical University

10:05-10:25 a.m.
Investigating Inorganic Chemistry Educators’ Beliefs About Teaching and Learning
Jenna Savage, Hope College

10:25-10:45 a.m.
Investigating Nucleophilic Selectivity Towards Various Types of Electrophilic Sites
Alissa Marr, Salisbury University

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
9:45-10:05 a.m.
Effects of Industrial Activities on Soil Quality of Recreational Areas
Ushana Persaud, City University of New York- York College

10:05-10:25 a.m.
Exploring the Relationship Between Global Trade in Forestry Products, Biodiversity Loss, and Forest Certification in the Connected World
Madisen Fuller, University of Georgia

CONVOCATION CENTER 1031
Art History & Visual Arts
9:45-10:05 a.m.
Dada in the Context of World War One
Morgan Drawdy, Georgia College and State University
CONVOCATION CENTER 1055
Art History & Visual Arts
10:05-10:25 a.m.
The Impact of Comics on Asian American Identity
Jasmine Cho, Carlow University

KENNESAW HALL 1103
Communications
10:05-10:25 a.m.
Examining and Analyzing Institutional Discourse on Twitter: Engaging Prospective Students
Nayeli Valenzuela, Iowa State University

CONVOCATION CENTER 1056
Music
9:45-10:05 a.m.
Out on a Limb: An Assessment of Innovative Patterns in Music
Anita Ingram, University of North Georgia

10:05-10:25 a.m.
Performing Bach’s Partitas Authentically: The Importance of Using Appropriate Source
Sihan Wang, Capital University

10:25-10:45 a.m.
Practical Partimento: Realizing the Art in Pedagogical and Performance Situations
Austin Doub, Cedarville University

KENNESAW HALL 1107
Communications
9:45-10:05 a.m.
Users’ Beliefs Of Risks And Dangers On Social Media: Do Users Want To Take Precautions Online Or Just Ignore Them?
Amelia Wagner, Juniata College

10:05-10:25 a.m.
Views of Climate Change Across Political, Educational, and State Lines: News Media and Geographic Location Influence Climate Change Denial in the United States
Anna Mary Scott, University of Colorado at Boulder

10:25-10:45 a.m.
Women and Their Appointments to Boards in Higher Education
Brittany Michaleson, Lubbock Christian University

CONVOCATION CENTER 2007
Dance
9:45-10:05 a.m.
A Plea for Restoring Dance as High Art: Pedagogy in American Dance Studios
Elizabeth Gentile, California Lutheran University

10:05-10:25 a.m.
Changes in Physical-Performance Tests across College in Dancers: A Longitudinal Prospective Examination
Catherine Cavanagh, George Mason University

10:25-10:45 a.m.
EmotionsMoveUs
Nicole Koontz, Kennesaw State University

PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
9:45-10:05 a.m.
Determination of Calibration Cycle for Computed Tomography at Cancer Institute of Guyana
Nirvanie Sukdeo, University of Guyana
10:05-10:25 a.m.
Developing and Testing the Acceptability of a Novel Behavioral Intervention for Individuals with Opioid Use Disorders
Cameron McCoy, University of Alabama

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
9:45-10:05 a.m.
The Association Between Plasma Estrogen, Neurocardiac Injury and Outcomes After Aneurysmal Subarachnoid Hemorrhage
Emma Slas, University of Pittsburgh
School of Nursing

10:05-10:25 a.m.
The Development and Analysis of a Student Organized Wellness Program for College Undergraduates
Abberamee Visvanathan, Hamline University

10:25-10:45 a.m.
The Development of a Theoretically Derived Visual Educational Tool for Communicating Benefits of Exercise and Diet for Increasing Fertility in PCOS
Ella Clare Phillips, Appalachian State University

SCIENCE BUILDING 212
Biology
9:45-10:05 a.m.
The Role of Hox Genes in the Development of Neuronal Cell Fates in the Nematode, Caenorhabditis elegans
Afra Zain, Seanna loeb, The College of St Catherine

Chemistry
10:05-10:25 a.m.
Identification of a Phosphodiesterase-5 Inhibitor
Shayne Sampognaro, Eastern Connecticut State University

10:25-10:45 a.m.
Investigating the Role of a Calcium Channel Localization Factor in Regulating Dopamine-dependent Movement in C. elegans
Jasmine Brooks, Fisk University

SOCIAL SCIENCE BUILDING 2032
Psychology
9:45-10:05 a.m.
Birth Mothers: Does Frequency of Communication Affect the Overall Satisfaction with Adoption?
Shireen Rezaei, Weber State University

10:05-10:25 a.m.
Bridging the Gap: Student Cynicism Attitudes and Civic Engagement
Charles Layne, Trevecca Nazarene University

SOCIAL SCIENCE BUILDING 2033
Psychology
9:45-10:05 a.m.
Institutional Deprivation and the Effects on Development
Elena Mayfield, University of West Georgia

10:05-10:25 a.m.
Interactive Technology and Emotionalism: How Does Technology Affect Emotional Well-Being?
Charles Bartlett III, Aubrey Moore, Tiona Doctor, Fort Valley State University

10:25-10:45 a.m.
Investigating the Relationship Between Anxiety and Overeating in Undergraduate College Students
Claire Graff, Kennesaw State University
SOCIAL SCIENCE BUILDING 2034
Psychology
9:45-10:05 a.m.
The Correlation Between Menstrual Symptoms and College Academic Activities
Anna Nguyen, Kaitlyn Baldwin, Sarah Wayer, University of West Florida

10:05-10:25 a.m.
The Effect of a Social Problem Solving Intervention on Children At-Risk for ADHD
Madeline Esterer, University of Kentucky

SOCIAL SCIENCE BUILDING 2035
Psychology
10:05-10:25 a.m.
Who’s That Guy? The Power of Labels, Culture, and Justice Sensitivity in Memory
Daniel Le Compte, Jessica Urschel, Eastern Washington University

SOCIAL SCIENCE BUILDING 2036
Sociology
9:45-10:05 a.m.
Primed to Hate: The Criminalization of Latinx Immigration
Nina Vazquez, University of Hartford

10:05-10:25 a.m.
Religious Schematic of Georgia College & State University in Response to the Fourth Great Awakening
Courtney Henry, Georgia College and State University

10:25-10:45 a.m.
Restorative Behavior in Organizations: A Review and Proposed Model
Libby Grace, Xavier University

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
9:45-10:05 a.m.
Is Faith-Based Community Organizing Still Relevant? How Cultural Shifts Are Shaping the Conversation
Kristina Meyer, Elon University

10:05-10:25 a.m.
Is the Reliabilist’s Truth Condition on Knowledge Independently Necessary?
Caleb Brown, Liberty University

10:25-10:45 a.m.
Jordan B. Peterson’s Theory of Perception: Justifications and Critiques.
Parker Burchett, Isis Tilton, Raymond Shiner, Eastern Washington University

SOCIAL SCIENCE BUILDING 3007
Social Work & Human Services
9:45-10:05 a.m.
Archival and Historical Perspectives on the Mental Health of Displaced Children
Elizaveta Khenner, University of Kentucky

10:05-10:25 a.m.
Evaluating the Role of Social Environment in Sexual Assault Reporting
Kelsey Askea, Weber State University

10:25-10:45 a.m.
Finding a Voice Again: Human Trafficking Rehabilitation Through a Theatrical Approach
Caitlyn Gallagher, Columbus State University

SOCIAL SCIENCE BUILDING 3010
English & Literature
9:45-10:05 a.m.
A Perfected Poet: The Pilgrim's Journey to Divine Authority in Cantos 25 of the Divine Comedy
Callie Owensby, John Brown University
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>10:25-10:45 a.m.</td>
<td>A Tribute to England: J.R.R. Tolkien’s Works as the Missing Anglo-Saxon Mythology</td>
<td>SOCIAL SCIENCE BUILDING 3012</td>
<td>Brady Kruse, Mississippi State University</td>
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<td></td>
<td>Forgetting to Remember: The Rhetoric of Truth in Archives and Monuments</td>
<td>SOCIAL SCIENCE BUILDING 3019</td>
<td>Jonathan Phelps, Kennesaw State University</td>
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<td></td>
<td>Free Will, Suffering, and Redemption: The Theological Fiction of C.S. Lewis</td>
<td>SOCIAL SCIENCE BUILDING 3023</td>
<td>Madison Wheeler, Lubbock Christian University</td>
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<td></td>
<td>Postcolonial Theories of Speciesism and Racism in J.M. Coetzee’s Novel Disgrace</td>
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<td>Tavia Harrison, College of Coastal Georgia</td>
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<td>10:05-10:25 a.m.</td>
<td>Forgetting to Remember: The Rhetoric of Truth in Archives and Monuments</td>
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<td>Zachery Shatley, Western Carolina University</td>
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<td>&quot;'I Am from the Gutter Too&quot;: Institutions, Power, and Identity Formation in Victor Hugo’s Les Misérables”</td>
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<td>Katherine Kempton, St. Mary’s College of Maryland</td>
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<tr>
<td>9:45-10:05 a.m.</td>
<td>Flesh as Word: Reading and Writing the Black Female Body in Toni Morrison’s A Mercy</td>
<td>SOCIAL SCIENCE BUILDING 3021</td>
<td>Chelsea Cabral, University of Massachusetts- Dartmouth</td>
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<td>Point of Reference: Angela in Scenes of Trauma in [REC]</td>
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<td>Mark Goss, University of West Georgia</td>
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<td>“Do You Hear What I Hear?”: On the Elusive Nature of Vietnamese Tones</td>
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<td>Mai Nguyen, Liberty University</td>
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<td>‘They Didn’t Take the Oath’: Pennsylvanıa’s Loyalists and the Making of an Atlantic Refugee Movement, 1775-1802</td>
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<td>Larry Herrold Jr., Susquehanna University</td>
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<td>10:05-10:25 a.m.</td>
<td>The Functioning of Gender as an Interpellated Factor of Difference in Until Dawn</td>
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<td>Leanne Byman, Hamline University</td>
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<td>The Great Divide: Parallels Between the Economy of The Great Gatsby and the Present Day</td>
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<td>Zachery Shatley, Western Carolina University</td>
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<td>Postcolonialism in Magical Realism: Political Commentary on Decolonized Columbia in “A Very Old Man With Enormous Wings”</td>
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<td>Meghan Keeley, University of Findlay</td>
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10:25-10:45 a.m.
“Mine Is a Love That Will Never Tire”: Romantic Friendships Between Women and Their Socio-cultural Impact in Mid-nineteenth Century America
Tinaye Gibbons, University of West Georgia

SOCIAL SCIENCE BUILDING 3028
History
9:45-10:05 a.m.
Empowerment Against Adversity: The Obstruction of the Identity of Lithuanian Women, 1940-1953
Emily Johnson, Western Carolina University

10:05-10:25 a.m.
Examining Sexual Identities in Early Modern Europe: Hermaphrodites and Other “Monstrous” Tales
J Hudson, Eastern Kentucky University

10:25-10:45 a.m.
Exploring the Golden Ages of Soviet and United States HUMINT During the Cold War
Jordan Hayley, Liberty University

SOCIAL SCIENCE BUILDING 3029
History
9:45-10:05 a.m.
Morocco: Independence Through Propaganda
Rachel Morrison, Christopher Newport University

SOCIAL SCIENCE BUILDING 3030
History
9:45-10:05 a.m.
The Never Ending Search for Malcolm X
Ally Dotson, Eckerd College

10:05-10:25 a.m.
The Never-ending Vietnam War: The War They Carry
Jack Boyle, Eckerd College

10:25-10:45 a.m.
The Nineteenth Century British Workhouse: Mission Not Accomplished
Brenda Derin, Dominican University of California

SOCIAL SCIENCE BUILDING 3031
Anthropology & Archeology
9:45-10:05 a.m.
Influences on the Development of Ground Edge Adzes in the Mississippi River Valley
Raphael Schwarz, University of Central Oklahoma

10:05-10:25 a.m.
Lithic Production Technologies at the Louisville Swamp Site
Avery Marshall, Hamline University

10:25-10:45 a.m.
Middling Transnationals: Asian Global Hires and the American Transnational Corporation
Shuxi Wu, University of Oregon
STUDENT ORAL SESSION 7 - FRI 11:00AM-12:00PM

BAGWELL EDUCATION BUILDING 119
Education
11:00-11:20 a.m.
Critical Review of Behavior Expectations and Discipline Strategies in Rural South Georgia Schools Compared to Schools in Sheffield, England
Jaucelynn Hickam, Kenneth Cole, Zachary Ledbetter, Amber Leggett, Georgia Southern University

11:20-11:40 a.m.
CSI (Community Super Investigators) Club: Applying Mathematics and Literacy to Improve the Environment for Animals
Rachel Farmer, NaKayla Greene, University of Kentucky

11:40 a.m.-12:00 p.m.
Culturally Sustaining Literature: A Study of the Use Supplementary Texts in Secondary English Classrooms
Kennedy Taylor, North Central College

BAGWELL EDUCATION BUILDING 127
Education
11:00-11:20 a.m.
Re-visiting and Re-assessing Evolution and Language in Senegalese Educational System
Emily Cecala, State University of New York-Geneseo

11:20-11:40 a.m.
Serving the Average Secondary Student: Examining What Motivates Students to Learn and How Classroom Factors Affect Their Motivation
Anthony Coss, Eastern Connecticut State University

11:40 a.m.-12:00 p.m.
Student Athlete Pre-Med Mentorship
Gwen Maly, Natasha Dark, University of New Mexico Honors College

BAGWELL EDUCATION BUILDING 129
Diversity Studies
11:00-11:20 a.m.
Examining Sustainable Development in Madrid, Spain: An International Focus on the Urban Diary Approach
Joy Anderson, Fort Valley State University

11:20-11:40 a.m.
From the Great Lakes to Across the Pond: A Comparative Study of LGBTQ+ Cultures in Ohio (US) and London, England
Peyton Sibert, University of Findlay

11:40 a.m.-12:00 p.m.
Improving Retention Rates in Higher Education Institutions
Katrina Mioduszewski, Elmhurst College

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
11:00-11:20 a.m.
Gender Conventions In 2017's Wonder Woman: How Female Perspectives Are Altered For Male Audiences
Ricardo Ceballos, Cerritos College

11:20-11:40 a.m.
Identifying Gaps in Parental Support for Families with Hypoplastic Left Heart Syndrome: A Quality Improvement Study
Erica Olson, Meghan Landry, Meghan Katers, St. Catherine University

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
11:00-11:20 a.m.
There's Nothing ‘Faux’ About Femme Queens: Female Drag Queens and Misogyny
Bennett Shoop, George Mason University

11:20-11:40 a.m.
These Stories We Weave For Ourselves: Autobiography, Selfhood, and Karl Philipp Moritz’s Anton Reiser
Andy Golla, Furman University
11:40 a.m.-12:00 p.m.  
Three Approaches to Narrative Storytelling in Bosnia and Herzegovina  
Courtney-Lynn Mellina, Long Island University

BAGWELL EDUCATION BUILDING 132  
Political Science  
11:00-11:20 a.m.  
Deconstructing Genocide: A Case Study of Institutional Patterns That Lead to Ethnic Cleansing  
Charles Goodwin, Marlee Townsend, University of Alabama at Birmingham

11:20-11:40 a.m.  
Defining and Examining the Rise of Heritage Populism in the Country of France in Relation to the 2017 Presidential Election  
Zoe Pidgeon, Wayne State University

11:40 a.m.-12:00 p.m.  
Diversionary Peace?  
Katie Still, Lagrange College

BAGWELL EDUCATION BUILDING 135  
Education  
11:00-11:20 a.m.  
Through Their Eyes: A Qualitative Study of the Impact of Primary Sources on Student Capacity for Historical Empathy  
Taylor Graham, Kennesaw State University

Political Science  
11:20-11:40 a.m.  
Pot and Politics: Hashing Out What Influences State Policy on Marijuana  
Jett Voorhees, Valdosta State University

11:40 a.m.-12:00 p.m.  
Public Opinion on Hurricane Relief Funding  
Ashley Thorne, Hamline University

BAGWELL EDUCATION BUILDING 219  
Political Science  
11:00-11:20 a.m.  
Where Are the Women? An Intersectional Analysis of Female Representation in State Legislatures  
Mary Kempf, Elon University

11:20-11:40 a.m.  
Why Physical Location Matters to Voter Behavior: A Study of the German 2017 Federal Elections  
Gabrielle Moran, American University

11:40 a.m.-12:00 p.m.  
Why They Joined: A Structural Approach Analysis of the Ku Klux Klan After the Civil War  
Connor Correll, Wingate University

BAGWELL EDUCATION BUILDING 221  
Diversity Studies  
11:00-11:20 a.m.  
Undergraduate Research Through the Eyes of a “Newbie”; A Duoethnography Exploration into the Research Process  
Taylor Carrigan, Krista Patton, Seth Blanton, Matt Long, Western Carolina University

BURRUSS BUILDING 105  
Business  
11:00-11:20 a.m.  
Does Rater Anger Bias Compensation Decision-Making?  
Jake Viache, Asher Jorgenson, University of Colorado Denver

11:20-11:40 a.m.  
Economic Impact of Airline Delays  
Dylan Michaels, Jacksonville University

11:40 a.m.-12:00 p.m.  
Episodes Are Like Potato Chips, You Can’t Watch Just One: An Exploration of the Psychological Motivation of Binge Watching  
Katie Hjorth, Utah Valley University
BURRUSS BUILDING 108
Business
11:00-11:20 a.m.
The Silo Effect: The Malignant Profit Depletion Plague of Plant Engineering Projects
Demetrius Franklin, Kennesaw State University

11:20-11:40 a.m.
The Unique Case of Corporate Sustainability in Taiwan: The Influence of Glocalization on Corporate Sustainability as Seen Through Taiwan Institute of Sustainable Energy
Alejandra Molina, Long Island University

11:40 a.m.-12:00 p.m.
The Value of Data Envelopment Analysis (DEA) in Hospitality Business: Application of DEA
Max Ferrin, Utah Valley University

BURRUSS BUILDING 109
Engineering
11:20-11:40 a.m.
Assessment of Muscle Stiffness Through the Use of Tendon/Muscle Tapping
Clint Morris, Abdullah Galla, Muhammad Salman, Kennesaw State University

11:40 a.m.-12:00 p.m.
Bipolar Sine-Wave Pulse Width Modulation Control Scheme for a Hybrid Multilevel Inverter
Avery Hagle, Kennesaw State University

BURRUSS BUILDING 114
Engineering
11:00-11:20 a.m.
Examining Low Output Hydroelectric Generator Efficiency for Mechanical Improvement
Devon Manuele, University of Wisconsin - Stout

11:20-11:40 a.m.
Exploring Different Methods to Increase Efficiency of CZTS for Solar Cell Applications
Lily Turaski, Georgia Institute of Technology

11:40 a.m.-12:00 p.m.
Exploring Wearable Technology: Prototyping of Solar Powered Book Bags
Courtney Beringer, Iowa State University

BURRUSS BUILDING 117
Engineering
11:00-11:20 a.m.
On the Versatility of Touchboards
James Nelson, Western Carolina University

11:40 a.m.-12:00 p.m.
Portable Low Cost Lab Equipment Design For Dynamics, Vibrations and Control Theory Courses
Julia Ortiz, Birhanu Amera, Yoseph Woldemariam, Kennesaw State University

BURRUSS BUILDING 152
Mathematics
11:00-11:20 a.m.
Gordian Adjacency for Positive Braid Knots
Tolson Bell, Luke Seaton, David Luo, Samuel Serra, Georgia Institute of Technology

11:20-11:40 a.m.
Investigations in Fibonacci Inequalities
Zachary Smith, California University of Pennsylvania

11:40 a.m.-12:00 p.m.
Keep It Simple Statistician? Is Added Complexity in Growth Curve Modeling Really Worth It?
Omar Daouk, Alyssa Venn, Kennesaw State University
BURRUS BUILDING 293
Physics
11:00-11:20 a.m.
First-Principles Study of Solar Cell Power Conversion Efficiency of Organic Molecules
Mary Catlett, Oklahoma State University

11:20-11:40 a.m.
How Does Near-field Environment Modify the Performance of a Nanolaser
Karly Casey, University of Alabama at Birmingham

11:40 a.m.-12:00 p.m.
Magnetically Driven X-ray Outflows in Nearby Active Galaxy MCG-6-30-15
Alexander Sanner, James Madison University

BURRUS BUILDING 368
Computer Science
11:00-11:20 a.m.
Danger with Digital Forensics
Sydney Garling, Charleston Southern University - General

11:20-11:40 a.m.
Developing New Accessibility Features Using Deep Learning and Data Generation
Cameron Kane, Salisbury University

11:40 a.m.-12:00 p.m.
Development and Evaluation of ‘ChemAid’: A Mobile Computing Application for Enhancing Laboratory Experience
Hannah Turner, Mary Harrell, Columbus State University

BURRUS BUILDING 370
Computer Science
11:00-11:20 a.m.
Using ARIMA Models to Capture the Predictive Power of Hierarchical Temporal Memory
Alexander Michels, Westminster College

11:40 a.m.-12:00 p.m.
Adaptive Tracking - an Innovative Method
Jesse Harris, Dustin Smith, The University of Virginia’s College at Wise

CLENDENIN BUILDING 1003
Biology
11:20-11:40 a.m.
Analytically Modeling the Genetic Drift of MicroRNA Binding Sites
Keeley Collins, Elon University

11:40 a.m.-12:00 p.m.
Antibiotic Resistance Plasmid Retention in the Emergent Uropathogenic E. coli Sequence Type ST1193 in the Absence of Selective Pressure
Gracelyn Richmond, University of Minnesota, Twin Cities

CLENDENIN BUILDING 1008
Biology
11:00-11:20 a.m.
Effect of Measles Booster Vaccination on CD4+ T Helper Cell Responses
Niharika Rane, University of California, Davis

11:20-11:40 a.m.
Effect of Temperature Change and Plant Invasions on Native Tadpole Performance
Taylor Brown, Eastern Connecticut State University

11:40 a.m.-12:00 p.m.
Effect of Two Dietary Copper Treatments on Implant Performance Response and Carcass Characteristics of Finishing Beef Steers
Summer Castillo, Iowa State University
CLENDENIN BUILDING 1009
Biology
11:00-11:20 a.m.
Investigation into the Effects of Temperature Stress on Caudal Fin Regeneration in Zebrafish
Eric Moeller, California University of Pennsylvania

11:40 a.m.-12:00 p.m.
Isolation and Characterization of Pathogen-Lysing Strains of Myxobacteria: A Microbial Smack Down
Sarah Beauvais, Kennesaw State University

CLENDENIN BUILDING 1010
Biology
11:00-11:20 a.m.
Seasonal Patterns in Plankton Abundance and Species Composition in a Small Pond in Morrow, GA
Jenny Thieu, Clayton College & State University

11:20-11:40 a.m.
Sensory Changes Following Hyperglycemic Induction in Danio rerio
Morgan Tibbo, Gabrielle Voithofer, Salisbury University

11:40 a.m.-12:00 p.m.
Substrate Preference of Corbicula fluminea (Bivalvia: Corbiculidae) in a Lotic Ecosystem
Marlene Ramos Tellez, D’Leah Epps, William Peace University

CLENDENIN BUILDING 2003
Biochemistry
11:00-11:20 a.m.
HPLC Analysis Of Metabolite Excretion In Urine From Diglycolic Acid Treated Rats
angelic Holston, Fort Valley State University

11:40 a.m.-12:00 p.m.
Inhibition Studies of ZnO Nanoparticles Against Actinobacteria and Actinobacteriophages
Monica Reece, Western Carolina University

CLENDENIN BUILDING 2008
Chemistry
11:00-11:20 a.m.
Investigating the Co-assembly Behavior of Linear Amphiphilic Triblocks in the Fabrication of Polymer Vesicles
Elina Ghimire, University of Southern Mississippi

11:40 a.m.-12:00 p.m.
Isothermal Titration Calorimetry Study of the Ligand Exchange of Oleate-CdSe Quantum Dots with Pyridine
Lillian Hicks, Mercer University

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
11:00-11:20 a.m.
How Does Awareness to Unethical Sourcing Influence Consumer Purchase Behavior?
Andrea Calderon, St. Edward’s University

11:40 a.m.-12:00 p.m.
Influence of Cover Crops in Soybean Canopy Development
Gustavo Camargo Silva, Western Kentucky University

CONVOCATION CENTER 1031
Art History & Visual Arts
11:00-11:20 a.m.
Dynamic Viewpoint: Element of Time in Donatello’s Sculptures
Yanxin Li, Rhodes College

11:20-11:40 a.m.
Empathy in Design: How Does a Persona Influence Creativity?
Eric Diaz, Iowa State University
11:40 a.m.-12:00 p.m.
Erwin Panofsky’s Iconography in the Interpretation of The Sixth Patriarch Chopping Bamboo
Jiu Cao, Iowa State University

CONVOCATION CENTER 1055
Art History & Visual Arts
11:00-11:20 a.m.
The Lexington Camera Club: Eastern Spirituality Through a Rural American Lens
Aaron Reynolds, University of Kentucky

11:20-11:40 a.m.
Jacqueline Pina, California State University - Long Beach

CONVOCATION CENTER 1056
Music
11:00-11:20 a.m.
Rhythms and Reading: Applying Literacy to the Music Classroom
Makenzie Davis, Eastern Kentucky University

11:40 a.m.-12:00 p.m.
Searching for Greek Identity: Rebetiko’s Musical Expression of an Evolving Culture
Julianne Papadopoulos, Elon University

CONVOCATION CENTER 2007
Dance
11:00-11:20 a.m.
Escape: A Research Through Dance on the Symptoms of Addiction
Francesca DeMartino, Utah Valley University

11:20-11:40 a.m.
Finding Movement Outside of The Norm
Alicia McDonald, State University of New York- Brockport

11:40 a.m.-12:00 p.m.
Identity and Visibility in the Technological Era: An Analysis of the Shared Implications of GLOW and Facebook
Rebecca Oberstadt, State University of New York- Brockport

KENNESAW HALL 1103
Communications
11:00-11:20 a.m.
Exploring Introversion and Time Spent Playing Video Games
Ariel Coolidge, Trevecca Nazarene University

11:20-11:40 a.m.
Framing the Immigrant Narrative: How News Media and Immigrants Portray Immigrant Stories in North Carolina and Costa Rica
Diani Teixeira, Elon University

11:40 a.m.-12:00 p.m.
Framing the NFL Player’s National Anthem Protests: Alignment and/or Opposition to Organizational Messaging
Hannah Thorn, University of Wisconsin - Oshkosh

KENNESAW HALL 1107
Architecture, Construction Management, & Interior Design
11:00-11:20 a.m.
Criterion for Construction Management Internships
Hayley Isbell, Kennesaw State University

11:40 a.m.-12:00 p.m.
Learning in the Library: Student Use of a Traditional Study Space
Tara Grebe, Tiffany Schweer, Mikinna McGerr, University of Nebraska - Lincoln
PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
11:00-11:20 a.m.
Effects of Financial Difficulty on Self-Management in Adults with Type 2 Diabetes
Emily Yannotta, University of Pittsburgh School of Nursing

11:20-11:40 a.m.
Elon University Undergraduate Students’ Pre-Travel Health Behaviors and Health Outcomes Regarding Study Abroad
Sofia Huster, Elon University

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
11:00-11:20 a.m.
The Digital Gaming Narrative - Utilizing Theories and Evaluation Strategies to Increase HPV Vaccination Among Young Males
Shemar Little, University of Georgia

11:20-11:40 a.m.
The Effects of Marketing of Available Resources for Food Insecurity Among Undergraduate Students in Western Oklahoma
Marshall Wallace, Taylor Lewis, Tate Odam, Hope Shreve, Haley Zellner, Southwestern Oklahoma State University

11:40 a.m.-12:00 p.m.
Understanding the Impact of Triadic Communication Interactions Among Patient, Caregiver, and Health Provider on Human Papillomavirus Vaccination in Latina Adolescents
Taylor Jones, Elon University

SOCIAL SCIENCE BUILDING 2032
Psychology
11:00-11:20 a.m.
Color and the Collective Unconscious
Naomi Gelberg-Hagmaier, Virginia Commonwealth University

11:20-11:40 a.m.
Comparing Rates of Child Compliance with Statement Versus Question, and Directive Versus Prohibitive Commands
Danielle Berube, Eastern Connecticut State University

11:40 a.m.-12:00 p.m.
Conscientiousness and Disgust Sensitivity Predicting Distress in Undergraduate Students
Morgan Miller, Westminster College

SOCIAL SCIENCE BUILDING 2033
Psychology
11:00-11:20 a.m.
Let’s Be Honest, Black Psychology Is Relevant
Morgan Richardson, University of Alabama at Birmingham

11:20-11:40 a.m.
Media Portrayals of Bipolar Disorder and Their Effect on Viewer’s Social Distancing
Emily Griner, Ahmad Sarris, Kennesaw State University

11:40 a.m.-12:00 p.m.
Living with Our Heads in “the Cloud”: A Study on How Immersive Technologies Are Changing Psychology
Semra Zamurad, Texas Woman’s University

SOCIAL SCIENCE BUILDING 2034
Psychology
11:00-11:20 a.m.
The Effect of Perceived Mutability on Racial System Justification
Jenna Van Der Pol, Olivia Otte, Jessica Grevenstuk, Trinity Christian College

11:20-11:40 a.m.
The Effect of Therapy Dogs on Preoperative Anxiety
Morgan Royer, University of Tennessee at Chattanooga
11:40 a.m.-12:00 p.m.
The Effect of Victim Type on Exonerees Wrongfully Convicted of Sex Crimes
Amber Goden, Alexandria Goldstein, Dorothy Marsil, Kennesaw State University

SOCIAL SCIENCE BUILDING 2035
Sociology
11:00-11:20 a.m.
#Transpregnancy and Representations of the #Pregnantman: A Content Analysis of Pregnant Transgender Men on Instagram
Ash Scarborough, Kennesaw State University

11:20-11:40 a.m.
“I Just Want to Pee”: Schools’ Restroom Policies and the Impact on Transgender Students
Conner Suddick, Hamline University

SOCIAL SCIENCE BUILDING 2036
Sociology
11:00-11:20 a.m.
Revealing Ropes: Racism and Stereotypes in Professional Wrestling
Davida Gilliam, Eastern Kentucky University

11:20-11:40 a.m.
Sexual Abuse Against Black Males and the Effect on Their Masculinity
Jordan Broiles, University of Central Oklahoma

11:40 a.m.-12:00 p.m.
Street Vending in Roosevelt Ave: A Case of Criminalization, Identity and Resilience of Latino American Community in New York City
Mauricio Piratova, City University of New York- Brooklyn College

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
11:00-11:20 a.m.
Ki-duk Kim’s Empty Film
Logan Doar, University of Tennessee at Knoxville

11:20-11:40 a.m.
Lahey v. Commonwealth of Pennsylvania: Reimagining Spatial Epistemology Through the Fictive
Mawuko Kpodo-Klegeson, Emory University

11:40 a.m.-12:00 p.m.
Medieval and Modern Manifestations of Near-Death Experience
Moriah Reichert, Capital University

SOCIAL SCIENCE BUILDING 3007
Social Work & Human Services
11:20-11:40 a.m.
LGBTQIA Young Residents of Alamance County, North Carolina
Amy Belfer, Elon University

11:40 a.m.-12:00 p.m.
Parenting Again: Current Barriers, Proposed Solutions, and Potential Outcomes for Grandparents Raising Grandchildren
Shawn Sager, Westmoreland County Community College

SOCIAL SCIENCE BUILDING 3010
English & Literature
11:00-11:20 a.m.
A Union of the Mind: Marriage in John Milton’s Paradise Lost
Katerine Avila-Pastor, Trevecca Nazarene University

11:20-11:40 a.m.
A Woman’s Anger: Powerful Emotions Banned From Politics
Marianna Gibson, Kennesaw State University
11:40 a.m.-12:00 p.m.  
Acquiring the Good: Vonnegut’s Guide to “The Good Life”  
Madison Murphy, Lagrange College

11:00-11:20 a.m.  
From Sadness to Gladness: Dante’s Transition from the Classical to the Christian Mindset in Purgatorio IX  
Amelia House, John Brown University

11:40 a.m.-12:00 p.m.  
The Impact of Document Design on Alcohol-Harm Awareness  
Katie Martin, Auburn University

11:20-11:40 a.m.  
The Journey to Creation: A Study of the Artist in Gogol, Pushkin, and Tolstoy  
Travis Stackow, Hampden-Sydney College

11:00-11:20 a.m.  
Post-Traumatic Stress Disorder: The Driving Force in The Great Gatsby  
Elizabeth Sellers, Western Carolina University

11:40 a.m.-12:00 p.m.  
20th Century Mass Atrocities  
Lailuma Sayed, Trevecca Nazarene University

11:20-11:40 a.m.  
Danielle Arena, Dominican University of California

11:00-11:20 a.m.  
Allah Expressions in the Classroom: Cultural Awareness and Appropriacy  
Katie Mollette, University of Kentucky

11:40 a.m.-12:00 p.m.  
Problematic Fashion: Tie-Dye Rebel-liously Promoting Capitalism  
Anneleise Ritzi, University of Findlay

11:20-11:40 a.m.  
Femina Princeps: The Life and Reputation of Livia Drusilla  
Clare Reid, Emory University

11:00-11:20 a.m.  
From the Pear Tree to the Pine Tree: Life and Death Through Natural Imagery in Zora Neale Hurston’s Their Eyes Were Watching God  
Amanda Sorrell, Capital University

11:20-11:40 a.m.  
From Words to Renderings: Kurt Vonnegut’s Short Stories Translated into Costumes  
Kaylee Drake, Lagrange College

11:40 a.m.-12:00 p.m.  
“So American It Hurts:” Stories of the 1.5 Generation  
Margarita Garcia Rojas, University of Wisconsin - Milwaukee

11:00-11:20 a.m.  
The Illusionary Existence: Differance and Male Gaze in Hans Christian Andersen’s “The Steadfast Tin Soldier”  
Daniel Lim, John Brown University

11:20-11:40 a.m.  
The Journey of Document Design: A Study of the Artist in Gogol, Pushkin, and Tolstoy  
Travis Stackow, Hampden-Sydney College

11:40 a.m.-12:00 p.m.  
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Femina Princeps: The Life and Reputation of Livia Drusilla  
Clare Reid, Emory University
11:20-11:40 a.m.
Feudalization of the Bürgertum: German Collegiate Fraternities from 1871-1914
Austin Chesteen, Columbus State University

11:40 a.m.-12:00 p.m.
Forging Identity Through Prose: An Exploration of Nationalism in the Literary Works of Rabindranath Tagore, Kazi Nazrul Islam and Bankim Chandra Chatterje
Hira Shahbaz, Salisbury University

SOCIAL SCIENCE BUILDING 3029
History
11:00-11:20 a.m.
Nationhood: Mexico Emerging into the 20th Century
Jose Amador, Emory University

11:20-11:40 a.m.
Andrew Stec, Hamline University

SOCIAL SCIENCE BUILDING 3030
History
11:20-11:40 a.m.
The Power of Puritanism on the Salem Witch Trials
Katelyn Alderidge, Trevecca Nazarene University

SOCIAL SCIENCE BUILDING 3031
Anthropology & Archeology
11:00-11:20 a.m.
Motivations for Participation in Episodic Service and/or Sustainable Service
Lily Johnson, Georgia College and State University

11:40 a.m.-12:00 p.m.
Queer Tango: A Gender Role Deconstruction
Melissa Corning, City University of New York- Brooklyn College

STUDENT ORAL SESSION 8 - FRI 2:45PM-3:45PM

BAGWELL EDUCATION BUILDING 119
Education
2:45-3:05 p.m.
Design Thinking Mindsets Demonstrated by Engineering Students
Kendall Reynolds, Iowa State University

3:05-3:25 p.m.
Discovering the Role of Empathy in a Course Redesign Process
Kelly Guerin, Colette Kocek, Iowa State University

BAGWELL EDUCATION BUILDING 127
Education
2:45-3:05 p.m.
Systems of Oppression or Emancipation? Understanding the Colombian Education System Through Critical Education
Camila Mican-Rondon, University of Kansas School

3:05-3:25 p.m.
Teacher-Parent Relationships
Alana Bray, Georgia Southern University

3:25-3:45 p.m.
Teaching the Writing Process Using a Vygotskian Social Constructivist Approach
Charlotte Smith, University of Findlay

BAGWELL EDUCATION BUILDING 129
Diversity Studies
2:45-3:05 p.m.
Inherited Trauma and Its Pathway Through Maternal Vessels
Luchauna Smith, Capital University
3:05-3:25 p.m.
No Help
Kaitlin Eastin, Georgia College and State University

3:25-3:45 p.m.
Politics of National Identity: Muslim Integration Discourse in France
Rachel Kronk, American University

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
2:45-3:05 p.m.
Indigenous Cosmoologies and Food Sovereignty
Claire Barnes, Emory University

3:05-3:25 p.m.
Is This _As Good as It Gets_?: Film, Social Perceptions, and Obsessive-Compulsive Disorder
Sarah Istambouli, Middle Georgia State University

3:25-3:45 p.m.
Latin-American Families: How They Interact with the On-boarding Process of Mobile Applications
Jocelyn Escobedo, Kennesaw State University

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
2:45-3:05 p.m.
Traditional Anishinaabe Teachings in Modern Day Classrooms
Mikayla Cyphert, Saginaw Chippewa Tribal College

3:05-3:25 p.m.
Troubling Poverty: Reimagining Leadership for Social Change
Lindsey Jordan, Elon University

3:25-3:45 p.m.
Urban Hygge: Public Space, Urban Design, and Their Impacts on Mental Health
Ian Shannon, Auburn University

BAGWELL EDUCATION BUILDING 132
Political Science
2:45-3:05 p.m.
Encouraging Voter Turnout: The Differences Between Eligible and Registered Voters
Francesco Ricigliano, Eastern Connecticut State University

3:05-3:25 p.m.
Evaluating Inconsistencies in Transit-Induced Gentrification Between Cities: An Analysis of Washington, D.C.; Portland, Oregon; and Baltimore, Maryland
Daniel Budai, American University

3:25-3:45 p.m.
Alessandra Urbina, St. Edward’s University

BAGWELL EDUCATION BUILDING 133
Political Science
2:45-3:05 p.m.
Public Opinion on Regulatory Policy Affecting the Integration of Autonomous Vehicles
Joshua Ferno, Elon University

3:05-3:25 p.m.
Racism in the United States Foster Care System Before and During the Obama Era
Mary Lofus, Lagrange College

BAGWELL EDUCATION BUILDING 219
Law & Legal Studies
3:05-3:25 p.m.
Access to Justice for Facilitating Custody and Access: Conflict Resolution
Stacie Namatovu, Carleton University

3:25-3:45 p.m.
Admissibility of Polygraph Examination Results as Evidence
Wilson Fay, Ithaca College
Political Science  
2:45-3:05 p.m.  
Women at the Forefront of Jihadist Extremism  
Tyra Bjorlo, Coastal Carolina University

**BURRUSS BUILDING 105**  
Business  
3:05-3:25 p.m.  
Gaming the System: Matching Mechanisms and Enrollment in a Large Midwestern School District  
Maakwe Cumanzala, Elizabeth Kula, St. Catherine University

**BURRUSS BUILDING 108**  
Business  
3:05-3:25 p.m.  
UN Sustainable Development Goals: The Case of Inequality in the United States  
Duncan Christensen, Utah Valley University

3:25-3:45 p.m.  
United Nation Sustainable Development Goals: The Case of Lung Cancer in Kentucky  
Xinyue Cheng, Utah Valley University

**BURRUSS BUILDING 109**  
Engineering  
3:05-3:25 p.m.  
Branched-Clusters as a Tissue-Engineered Solution to Articular Cartilage Regeneration  
Kasyap Cherukuri, University of Memphis

**BURRUSS BUILDING 114**  
Engineering  
3:05-3:25 p.m.  
Fabrication of a Neonatal Artificial Lung  
Felicia Hinojosa, University of Michigan

3:25-3:45 p.m.  
Feedback Motion Planning for Legged Robots Using Rapidly-exploring Random Trees  
Joseph Galloway, University of Texas at San Antonio

**BURRUSS BUILDING 117**  
Engineering  
2:45-3:05 p.m.  
Precision T Cell Immunotherapy Using pMHC Liposomes for Antigen-Specific Drug Delivery  
Anna Romanov, Georgia Institute of Technology

3:05-3:25 p.m.  
Quantifying Support Interactions and Reactivity Trends of Single Metal Atom Catalysts Over TiO2  
Thang Pham, Worcester Polytechnic Institute

**BURRUSS BUILDING 152**  
Mathematics  
2:45-3:05 p.m.  
Less-Than-Truckload Shipping with Tree Constraints  
Yujia Xie, Georgia Institute of Technology

3:05-3:25 p.m.  
Linearly Thin Set, a Foundation  
Cuong Nguyen, Mykhe Nguyen, Brenden Ireland, St. Olaf College

3:25-3:45 p.m.  
Locating Nonunimodular Complex Roots of $z^n+z^k-1$  
Kelechi Akwataghibe, Jacksonville University

**BURRUSS BUILDING 293**  
Physics  
2:45-3:05 p.m.  
Measurement of Photomultiplier Tubes and Bases and the Construction Thereof  
Adam Golfman, Jorge Pena, James Madison University
3:05-3:25 p.m.
Measuring the Granular Density of Modes in 3D
Sydney Blue, Presbyterian College

3:25-3:45 p.m.
Myoelectric Control of Prosthetics and Robotics
Preston Robinette, Katherine Crosby, Presbyterian College

BURRUSS BUILDING 368
Computer Science
2:45-3:05 p.m.
Empathy as a Tool of Persuasion in the Context of Social Justice: A Review of the Literature
Allen Carter, Illinois College

3:05-3:25 p.m.
Exploring Cooperative Robots Using Uninformed Search Strategies
Jackson Spivey, Randolph-Macon College

3:25-3:45 p.m.
Face Recognition Using an Innovative Bag of Features and Support Vector Machines
Jordan Williams, Jordan Williams, Dequan Medina, Dytalyan Holmes, Chunhua Dong, Fort Valley State University

BURRUSS BUILDING 370
Engineering
2:45-3:05 p.m.
Molecular Simulation of Phase Behavior of Complex Petroleum Mixtures
Austin Gnesda, Billy Briggs, Jesse Hansel, Slippery Rock University

CLENDENIN BUILDING 1003
Biology
3:05-3:25 p.m.
Association of Angiotensin Converting Enzyme Insertion/287bp Deletion Polymorphisms and Proliferative Prostatic Diseases Among Lebanese Men
Jordan Clawson, Jordan Clawson, Abigail Kovash, Jeremy Orellana, Anna Karina Thornock, Mohammed El-Saidi, Asmahan El-Ezzi, Utah Valley University

3:25-3:45 p.m.
Attenuation of Cadmium Toxicity Via Targeting Stem Cells in the Absorptive Epithelium
Olivia Brooks, Kennesaw State University

CLENDENIN BUILDING 1008
Biology
2:45-3:05 p.m.
Effects of 1,3-Dimethylamylamine on Lipolysis in 3T3-L1 Adipocytes
Kyle Weaver, Gharline Pierre-Paul, Susquehanna University

3:05-3:25 p.m.
Effects of Lupus and QAC Exposure on Neutrophil Migration
Marilyn Steinbach, Virginia Polytechnic Institute & State U

3:25-3:45 p.m.
Effects of Pleistocene Climatic Fluctuations on the Phylogeography and Demographic History of the Patent Leather Beetle Odontotaenius disjunctus
Taylor Procter, University of West Georgia

CLENDENIN BUILDING 1009
Biology
2:45-3:05 p.m.
Isolation and Characterization of Sucralose Metabolizing Microorganisms
Mary Woody, Lubbock Christian University
3:25-3:45 p.m.
Isolation of Escherichia coli from the Digestive Tract of Canada Geese
Connir Simmons, Lubbock Christian University

CLENDENIN BUILDING 1010
Biology
2:45-3:05 p.m.
Temperature Variance in Thailand: The Relationship with Free-ranging Small Subtropical Mammals with Ambient Temperature
Marly Fixico-Hardison, Oklahoma State University

3:05-3:25 p.m.
TGF-β Dedifferentiates Insulin-Producing Cells in Type 2 Diabetes
Trung Huynh, University of Alabama at Birmingham

3:25-3:45 p.m.
The Adverse Effects of Artificial Light Exposure on Aging Drosophila
Trevor Nash, Oregon State University

CLENDENIN BUILDING 2003
Biochemistry
2:45-3:05 p.m.
Investigating Heart Failure: Cardiomyopathy-Linked and Therapeutic Mutants of Phospholamban
Hannah Johnson, Ariana Schneiderhan, St. Catherine University

3:05-3:25 p.m.
LCMT-1 as an Essential Component of Neuronal Development
Michael Mu, Emory University

3:25-3:45 p.m.
Mechanisms Mediating the Pro-fibrotic Effects of Estradiol
Haley Fulton, Clemson University

CLENDENIN BUILDING 2008
Chemistry
2:45-3:05 p.m.
Monitoring the Composition of Polyethylene Glycol During Syntheses of Metal Organic Frameworks
Jessica Zagari, State University of New York- Brockport

3:05-3:25 p.m.
Nazarov Cyclization with Magnetite
Nadine Samilpa, Southern Nazarene University

3:25-3:45 p.m.
Nutrient Loading and Discharge for Virginia Lakes: A Two Year Study
Louis Bondurant, Madison Roberts, James Madison University

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
2:45-3:05 p.m.
Investigation of Mixing and Stratifications of Boundary Layer Passive Tracer After Evening Transition Period
Nicholas Clark, Texas Tech University

3:05-3:25 p.m.
Maasai Pastoralists Perceptions of Population Drivers in Tanzania
Samantha Mahoney, Colorado State - Colorado State University- Cooperative Extension- Jefferson Co

3:25-3:45 p.m.
Manipulation by Political Influence: the Dismantlement of the Environmental Protection Agency and Its Impacts
Bethany Todd, Salisbury University
CONVOCATION CENTER 1031
Art History & Visual Arts
2:45-3:05 p.m.
Farid Belkahia and Nguyen Tu Nghiem: Nationalism Inspiring the Artists’ Manifestation of the Colonial Mindset
Alexandra Romero, University of North Carolina at Greensboro

3:05-3:25 p.m.
Freedom and Its Effect on Creativity, Productivity, and Motivation
Hayley Leavitt, Kennesaw State University

CONVOCATION CENTER 1055
Art History & Visual Arts
2:45-3:05 p.m.
The Significance of Style and Technique in Amarna Art
Erin Boyle, Kennesaw State University

3:05-3:25 p.m.
The Tradition of Human Pain in Art: Rogier van der Weyden’s Descent from the Cross
Taylor Kowgios, Lafayette College

3:25-3:45 p.m.
Transitional Magic: Egyptian Magic Wands as an Allegory for the Middle Kingdom
Emily Larson, Kennesaw State University

CONVOCATION CENTER 1056
Music
2:45-3:05 p.m.
Social Media Marketing Via Twitter for Broadway Musicals
Stephanie Sheeley, Capital University

3:25-3:45 p.m.
Strauss and Cervantes: An Exploration of Musical Adaptations of Classic Novels
Drew VanDeventer, Texas Woman’s University

CONVOCATION CENTER 2007
Dance
2:45-3:05 p.m.
The Invisibility of Female Homosexuality in Concert Dance
Erin Ryan, Kennesaw State University

Film/Photography Studies
3:05-3:25 p.m.
I Might Have Known It Would Be Red: The Menstruous and the Monstrous in Stephen King’s Carrie
Hugo Ljungback, University of Wisconsin - Milwaukee

3:25-3:45 p.m.
Desperate Housewives: Motherhood and Mental Illness in Bergman’s Persona and Cassavetes’ A Woman Under the Influence
Madeleine Seidel, Auburn University

KENNESAW HALL 1103
Communications
2:45-3:05 p.m.
Hofstede’s Cultural Dimensions and International Student Instagram Usage
Alisa Ligman, Kennesaw State University

3:05-3:25 p.m.
How Television Content Affects GPA
Angelique Greenberg, Eastern Connecticut State University

3:25-3:45 p.m.
How the Hero’s Journey Manifests Itself in Game of Thrones, and Why It Matters
Nicholas Doyle, Bridgewater State University

KENNESAW HALL 1107
Architecture, Construction Management, & Interior Design
2:45-3:05 p.m.
Museum of Islamic Art in Qatar by Pei: Tradition and Modernization in Islamic Architecture
Rami Mannan, Iowa State University
3:05-3:25 p.m.  
Healing the Healthcare Continuum  
Joshua Robinson, Kennesaw State University

3:25-3:45 p.m.  
Political Impacts on the Built Environment in Berlin  
Ashley Glesinger, University of Nebraska - Lincoln

PRILLAMAN HEALTH SCIENCE BUILDING 1002  
Nursing & Public Health

2:45-3:05 p.m.  
Experience of Intimate Partner Violence (IPV) Among Adolescents in East Africa  
Courtney Cook, University of West Florida

3:05-3:25 p.m.  
Health in Planning: Considering the Influence of Land Use Decisions on Social Isolation in Contrast to Social Loneliness  
Sarah Reed, University of Wisconsin - Oshkosh

3:25-3:45 p.m.  
History of Depression and Past-30 Day Opioid Misuse Among Justice-involved Children  
T Hayes, University of Florida

SOCIAL SCIENCE BUILDING 2032  
Psychology

2:45-3:05 p.m.  
Construction of an Assessment Center for Entry-Level Professionals  
Elizabeth Albritton, Elon University

3:05-3:25 p.m.  
Depressive Risk in High-achieving Students as a Result of Perceived Stress, Coping and Student Aspirations  
Bryanna Owens, William Peace University

3:25-3:45 p.m.  
Despair Is in My Heart; Is It in My Religion?: Personality and Religious Motivations  
Meleah Marquis, Southern Nazarene University

PRILLAMAN HEALTH SCIENCE BUILDING 1105  
Nursing & Public Health

2:45-3:05 p.m.  
Use of BodyExplorer™ to Improve Safety of Medication Administration  
Morgan Henderson, University of Pittsburgh School of Nursing

3:05-3:25 p.m.  
The Effects of the Affordable Care Act on Senior Asian-Pacific Islander Americans' Insurance and Doctor Access Rates  
Won Jong Chwa, Kevin Zhang, Shannon Tseng, Jeffrey Huynh, Meachelle Lum, University of California - Los Angeles

3:25-3:45 p.m.  
The Effects of the Affordable Care Act on Senior Asian-Pacific Islander Americans' Insurance and Doctor Access Rates  
Won Jong Chwa, Kevin Zhang, Shannon Tseng, Jeffrey Huynh, Meachelle Lum, University of California - Los Angeles

SOCIAL SCIENCE BUILDING 2033  
Psychology

2:45-3:05 p.m.  
Memory as a Mechanism for Simplicity Preferences in Young Children's Decision Making  
Rebecca Canale, University of Rochester

3:05-3:25 p.m.  
Mental and Physical Health of Rural 10th Grade Students  
Sarah Dolinger, Auburn University

3:25-3:45 p.m.  
Mental Health Outcomes in Women Exposed to Abusive Romantic Relationships: Does Number of Abusive Partners Matter?  
Mary Reynolds, University of Memphis

SOCIAL SCIENCE BUILDING 2034  
Psychology

2:45-3:05 p.m.  
The Effects of Rumination and Ego Depletion on Procrastination and Mood  
Marisa Stephenson, Westminster College
3:05-3:25 p.m.
The Effects of Sleep Efficiency and Duration on College Students’ Performance on the Stroop Test
Kayla Mullins, Hanauvet Mullins, The University of Virginia’s College at Wise

SOCIAL SCIENCE BUILDING 2035
Sociology
3:05-3:25 p.m.
Afro-Caribbean Motherhood and the Creation of Hybrid Strategies to Navigate Contrasting Parenting Logics in the Caribbean and United States
Anna Palmer, Occidental College-

3:25-3:45 p.m.
Analysis of Race on Attitudes Towards College-Town Policing
William Harrison, Eastern Illinois University

SOCIAL SCIENCE BUILDING 2036
Sociology
3:05-3:25 p.m.
The Elective Affinity Between the Music of Bob Marley and the Socio-Political Climate of the United States in the 1970s
Akash Jairam, Brooklyn College

3:25-3:45 p.m.
The Evolution of Independent Bookstores in the Information Age
Charlie Linton, Johns Hopkins University

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
2:45-3:05 p.m.
Missionaries in China During the 1918 Influenza Pandemic
Mackenzie Marino, Westminster College

3:05-3:25 p.m.
Ockham’s Razor Applied to Theories of Space
Josiah Taylor, Covenant College

3:25-3:45 p.m.
Oh Happy Fault: The God-like Curiosity of the First Woman in Genesis
Daniel Herschel, Valparaiso University

SOCIAL SCIENCE BUILDING 3007
Philosophy, Ethics, & Religious Studies
2:45-3:05 p.m.
Gun to the Head: Why Social Contract Theory Is Wrong
Noah Hackendorf, John Brown University

Social Work & Human Services
3:05-3:25 p.m.
Refugee Resettlement in the Age of Trump
Matthew Tikhonovsky, Kennesaw State University

3:25-3:45 p.m.
Success Rate After the Resettlement of Refugee’s in America
Emmanuel Audu, Southern New Hampshire University

SOCIAL SCIENCE BUILDING 3010
English & Literature
2:45-3:05 p.m.
Against Insipid Romanticism: Beatrice’s Confrontation of Love in the Divine Comedy
Evyn McGraw, John Brown University

3:05-3:25 p.m.
Agency, Divinity, and Justice: the Evolution of Biblical Sacrifice in King Lear
Corinne McCumber, University of Minnesota - Morris

3:25-3:45 p.m.
AIDS and Its Role in Fracturing the Relationship Between the Gay Community and the Government
Julia Shankus, University of West Georgia
SOCIAL SCIENCE BUILDING 3012
English & Literature
2:45-3:05 p.m.
Genre Matrimony: Marrying the Weird to the Speculative
Katherine Morgan, Mississippi University for Women

3:05-3:25 p.m.
Genre’s Impact on Witches in Roman Literature
Caroline Blandford, Xavier University

3:25-3:45 p.m.
Harvesting Symbols
Carly Logan, State University of New York- Brockport

SOCIAL SCIENCE BUILDING 3019
English & Literature
2:45-3:05 p.m.
Prufrock and the Modern Man
Luan Joubert, Kennesaw State University

SOCIAL SCIENCE BUILDING 3021
English & Literature
2:45-3:05 p.m.
The Man and the Monster: an Examination of Humanity in “Frankenstein”
Tess Hemmila, Dordt College

3:05-3:25 p.m.
The Metamorphosis of the Voice: Violence and Communication in the Myth of “Callisto”
Gabriela Rivera-Marín, University of Puerto Rico - Río Piedras Campus

3:25-3:45 p.m.
The Mobility of Grace: An Examination of Dante’s Purgatorio vii
Hannah Averitt, John Brown University

SOCIAL SCIENCE BUILDING 3023
Linguistics & World Languages
2:45-3:05 p.m.
Black or White: How Words Reflect Colorism in China
Alana Demones, St. Mary’s College of Maryland

3:05-3:25 p.m.
Curanderismo and Its Relationship to Gender Roles in Peru
Zoe Sherlock, Georgia College and State University

SOCIAL SCIENCE BUILDING 3026
History
2:45-3:05 p.m.
A Boomerang of Detrimental Desire
Sandra Bortkevich, Brooklyn College

3:05-3:25 p.m.
A Fat Dietary Paradigm Shift
Sarah Fantinel, Lubbock Christian University

SOCIAL SCIENCE BUILDING 3028
History
2:45-3:05 p.m.
From Hue City to Fallujah: The Endurance of Marine Corps Small Unit Leadership
Amber Brauser, Liberty University

3:05-3:25 p.m.
From Southern Belle to Mormon Farmwife: Mary Ann Price Fullmer’s Journey West
Ami Chopine, Utah Valley University
3:25-3:45 p.m.  
From Wolfenstein 3D to Twitch.tv: The Rise of the First Person Shooter and eSports  
Robert Boyle, Dominican University of California

3:25-3:45 p.m.  
Sociopolitical Structure and Change in Ancient Egypt Through the Lens of Origin Myths  
Samuel_Mayes Mathews, University of Alabama at Birmingham

SOCIAL SCIENCE BUILDING 3029  
History  
2:45-3:05 p.m.  
Not Quite Razorback Red: A Socialist College's Challenges in Arkansas, 1923-1940  
Ashton Leach, Hendrix College

3:05-3:25 p.m.  
One Joan, Two Joan, Red Joan, Blue Joan: The Varied Representations of Joan of Arc Before and During the French Revolution, and Their Uses  
Mitchell Gehman, Liberty University

3:25-3:45 p.m.  
Paving East Los Angeles: Building the Freeway System in East Los Angeles  
Dylan Logas, California State University - Long Beach

SOCIAL SCIENCE BUILDING 3030  
History  
3:05-3:25 p.m.  
The Resegregation of Pinellas County  
Dianna Martinez, Eckerd College

3:25-3:45 p.m.  
The Slaughterhouse Cases: Unforeseen Consequences and Public Reaction  
Gavin Jensen, Hamline University

SOCIAL SCIENCE BUILDING 3031  
Anthropology & Archeology  
2:45-3:05 p.m.  
Silence in a Small Town: Conceptualizing Sexual Violence in a Community Context  
Ryan Leckel, University of Wisconsin - Stout
STUDENT ORAL SESSION 9 - FRI 4:00PM-5:00PM

BAGWELL EDUCATION BUILDING 119
Education
4:00-4:20 p.m.
Improving Language to Promote Inclusion of Secondary Students with Disabilities: a Proposed Self-Assessment for Teachers
Skylar Smith, Black Hills State University

4:20-4:40 p.m.
Examining Interrelationships Between Instructor and Student Activities in 1st Year Science and Mathematics Courses
Cynney Walters, Kennesaw State University

4:40-5:00 p.m.
First Year Seminar and Student Veterans
Timothy Harper, Southern New Hampshire University

BAGWELL EDUCATION BUILDING 127
Education
4:20-4:40 p.m.
The Effects of Communication Technology on the Academic Success of Students with Aphasia and Other Linguistic Disorders Who Are Pursuing Higher Education
Cynthia Newkirk, Albany State University

BAGWELL EDUCATION BUILDING 129
Diversity Studies
4:00-4:20 p.m.
Producing (Re)production
Dominica Aranaga, Emory University

4:20-4:40 p.m.
Queer Virginity: How Purity Culture Affects the LGBTQ+ Community
Sarah Grossman, Kennesaw State University

4:40-5:00 p.m.
Racial Discourse and Why It Matters: White Privilege, Race and Color Blindness in France and America
Kathleen Gross, St. Mary’s College of Maryland

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
4:00-4:20 p.m.
Leveraging Intersectionality in Business, Media, and Education: Strategically Helping Women Achieve Greatness
MaKayla Bernardo, Arianna Trujillo, Utah Valley University

4:20-4:40 p.m.
Make Germany Great Again: A Rhetorical Analysis of the Alternative für Deutschland
Michael Shereda, Illinois College

4:40-5:00 p.m.
Making Fragile Artifacts Interactive: The 3D and Hyperspectral Imaging of PHerc. 118
Kyra Seevers, University of Kentucky

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies
4:00-4:20 p.m.
Urban Renewal Projects and Urban Inequality in Istanbul, Turkey
Idil Tanrisever, Lafayette College

4:20-4:40 p.m.
US FDI and Mexican Immigration
Lev Comolli, University of Kansas School

4:40-5:00 p.m.
What the Hell Is Postmodernism? : Conservative Appropriation of Postmodernism as Nullified Postmodernism
Joseph Davidson, Hamline University
BAGWELL EDUCATION BUILDING 132
Political Science
4:00-4:20 p.m.
Examining Effects of Interstate Migration on Voter Participation
Jay Schulte, Elon University

4:20-4:40 p.m.
Examining the Role of Accounts of Past Atrocities in Mobilizing Support for Ethno-Nationalist Political Agendas
Dalia Ibrahim, Wayne State University

4:40-5:00 p.m.
Failure Is How You Frame It: Activism Against Honor Killings in Tamil Nadu, India
Upasna Barath, North Central College

BAGWELL EDUCATION BUILDING 135
Political Science
4:00-4:20 p.m.
Refugee Integration in Neighboring Host States: Comparative Experiences of Syrian Refugees in Jordan and Lebanon
Haley Clasen, Messiah College

4:20-4:40 p.m.
Representation of American Society in Congress
Kathryn Carroll, University of Alabama in Huntsville

4:40-5:00 p.m.
She's The Man: Female Leadership and Family-Centered Policy Initiation
Aminata Diallo, Susquehanna University

BAGWELL EDUCATION BUILDING 219
Law & Legal Studies
4:00-4:20 p.m.
Anti-miscegenation Laws Affecting Interracial Marriages Today
Madison Fountain, Lagrange College

4:20-4:40 p.m.
Arbitration in the Era of #MeToo
Brendan Smith, Ithaca College

4:40-5:00 p.m.
Change in Employment Status and Pre-Expungement Earnings as Predictive of Post-Expungement Earnings for Ex-Offenders
Ernest Oleksy, Cleveland State University

BURRUSS BUILDING 105
Business
4:00-4:20 p.m.
Investigation of the Decision of Tennis Players to Go to College Instead of Following the Professional Path
Albane Queinnec, Reinhardt University

4:20-4:40 p.m.
Investing in Asian: The Burgeoning and Blooming Markets
Mai Nguyen, Augustana College

BURRUSS BUILDING 108
Business
4:40-5:00 p.m.
Wastewater Expert Employee Pool Wasting Away: Awareness of Opportunities for College Professors and Students
Abigail Quick, Sarah Baudin, Anna Moore, Deanna Figueiredo, Georgia College and State University

BURRUSS BUILDING 109
Engineering
4:20-4:40 p.m.
Compliant Swashplate Mechanism Design for RC Helicopters
Niko Giannakakos, Trevor Warnix, Kennesaw State University

4:40-5:00 p.m.
Compliant Translational Double Dwell Mechanism
Hongkuan Lin, Kennesaw State University
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Ferrofluids for Optofluidics</td>
<td>Tanvi Pande, Juniata College</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>Functionalization of PVDF and Cellulose Membranes With Different Functional Groups for Water Remediation Applications</td>
<td>Ronald Vogler, University of Kentucky</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>Recap of the Engineering Design Process, and the Usefulness of 3D Printing Prototypes</td>
<td>Arrah Calvin, Western Kentucky University</td>
</tr>
<tr>
<td>4:20-4:40 p.m.</td>
<td>Rheological Examination of Phenolic Resins for Use Within Radioisotope Power Systems</td>
<td>Kyle Monaghan, Western Carolina University</td>
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<tr>
<td>4:00-4:20 p.m.</td>
<td>Maximum Proper Diameter of 2-connected Graphs</td>
<td>Dylan Green, Trevecca Nazarene University</td>
</tr>
<tr>
<td>4:20-4:40 p.m.</td>
<td>Modeling the Dynamics and Control of Lyme Disease in a Tick-Mouse System Subject to Vaccination of Mice Populations</td>
<td>Daniel Carrera Pineyro, Andrea McCormak, Harley Hanes, Adam Litzler, University of the Incarnate Word</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>Multivariate Statistical Models and Their Application to the Study of Adolescent Alcohol Use</td>
<td>Allison Gagliano, Eastern Connecticut State University</td>
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<tr>
<td>4:00-4:20 p.m.</td>
<td>Optimizing Pulse-Echo Ultrasound Instrumentation Using Two-Dimensional Computational Modeling</td>
<td>Jiatian Wu, Emory University</td>
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<tr>
<td>4:20-4:40 p.m.</td>
<td>Particle Hole Symmetry Breaking in Cuprate Superconductors</td>
<td>Daniel Russell, Iowa State University</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>Physicochemical Analysis of a Bioactive Glass Containing Nanoceria</td>
<td>Diane Patterson, Peyton Butler, Mohamed Odeh, Ki Dae Kim, Andrew Duenas, Kennesaw State University</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>House Price Estimation</td>
<td>An Thai, Clayton College &amp; State University</td>
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<tr>
<td>4:20-4:40 p.m.</td>
<td>Human Listening Cues and Machine Listening</td>
<td>Shelby Ahmed, Brooklyn College</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>Identifying Cancerous Images Using Neural Networks</td>
<td>Mohamed Gesalla, Iowa State University</td>
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</tbody>
</table>
CLENDENIN BUILDING 1003
Biology
4:00-4:20 p.m.
Blockade of Nicotinic Receptors Protects Against Severe Hypoglycemia-Induced Fatal Cardiac Arrhythmias
Yiqing Huang, University of Utah

4:20-4:40 p.m.
Borrelia Burgdorferi Biofilm: An Investigation into Growth and Control of an Alzheimer’s Disease-Associated Bacterium
Rachel Callister, Utah Valley University

4:40-5:00 p.m.
Cancer CURE: Glioblastoma Uses Exosomes to Modify Their Cellular Niche Environment
Olivia Brown, Ouachita Baptist University

CLENDENIN BUILDING 1008
Biology
4:00-4:20 p.m.
Effects of Probiotics on Alzheimer’s Disease Progression: Assessing Cognitive and Cellular Markers
Destynie Medeiros, University of Hartford

4:20-4:40 p.m.
Effects of Synthetic Drugs on the PI3/mTOR Pathway in Plasmodium falciparum
Jesse Hill, University of Wisconsin - River Falls

4:40-5:00 p.m.
Effects of Whey Protein Isolate on Proliferation and Maturation of C2C12 Myoblasts in Vitro
Blake Martin, Hampden-Sydney College

CLENDENIN BUILDING 1009
Biology
4:00-4:20 p.m.
Krüppel-like Factor 4 Regulates Glycolytic Metabolism and the Cellular Response to Metabolic Stress
Andrew Blum, Colgate University

4:20-4:40 p.m.
Leaf Habit versus Mycorrhizal Fungi Association: A Framework for Predicting Temperate Tree Species Effects on Soil
Rachel Sims, Valparaiso University

CLENDENIN BUILDING 1010
Biology
4:00-4:20 p.m.
The Creation of a Prosthetic Hand Using Surface Generated Myoelectric Signals
Brianna Donaldson-Morton, University of Wisconsin - Whitewater

4:20-4:40 p.m.
The Effect of Natural Products Like Ginger, Garlic, Blueberries, Turmeric, Grapefruit and Ashwagandha (herb) on the Growth of Triple Negative Breast Cancer Cells
Sidhika Sharma, University of North Georgia

4:40-5:00 p.m.
The Effect of Urban Landscapes on Grassland Bird Species Diversity and Richness in Rapidly Urbanizing Environments
Cameron Kennedy, University of Northern Colorado

CLENDENIN BUILDING 2003
Biochemistry
4:00-4:20 p.m.
Neem’s Bioactive Constituent Nimbolide Inhibits the Growth of Androgen-dependent Prostate Cancer Cells
Destiny Van, Spelman College

4:20-4:40 p.m.
Preparation of Small Laccase (SLAC) for Immobilization Via Click Chemistry and Bioremediation Applications
Bellina Mushala, Wells College

4:40-5:00 p.m.
Synthesis and Characterization of Hollow Gold Nanoparticles for Gene Delivery
Konstantin Mamedov, University of Minnesota, Twin Cities
CLENDENIN BUILDING 2008
Chemistry
4:00-4:20 p.m.
Optimization of Polarizing Agents for Liquid Scalar Overhauser DNP at 14.1 T
Nia Harmon, Florida State University

4:20-4:40 p.m.
Reinvention of Peptide Synthesis Through Utilization of Nano-reactors
Cassidy Chapman, Appalachian State University

4:40-5:00 p.m.
Separation Chemistry and Crystallographic Investigation of Orthogonal Catalysis of a Conjugated Polymer by an Enzyme
Hunter Spivey, Kennesaw State University

CLENDENIN BUILDING 2010
Environmental Science & Sustainability
4:00-4:20 p.m.
Methods to Optimize Energy Harvesting Using Biologically Inspired Design from Jellyfish
Ananya Jain, Georgia Institute of Technology

4:20-4:40 p.m.
Planting Patterns and Species Mixtures for Enhancing Biodiversity During Reforestation
Clayton Hale, University of Tennessee at Knoxville

4:40-5:00 p.m.
Postharvest Preservation of Carica papaya L. by Coating with Bioplastic Developed from Starch, Clay and Garlic
Leticia Solis, Leticia Solis, Melissa Batista, Yailin Moreno, Natasha Maldonado, Universidad Tecnológica de Panamá

CONVOCATION CENTER 1031
Art History & Visual Arts
4:00-4:20 p.m.
Iconography of Eve: How Peter Paul Rubens and Catholic Doctrine Shape Interpretation of a Religious Figure
Cassidy Bronack, University of North Carolina - Asheville

4:20-4:40 p.m.
Identifying Looted Artifacts: A Case Study of a Teotihuacan Figurine
Emily Larson, Kennesaw State University

4:40-5:00 p.m.
Identifying Undocumented Ancient Bronze Artifacts
Katie Kennedy, Kennesaw State University

CONVOCATION CENTER 1055
Art History & Visual Arts
4:00-4:20 p.m.
When, Where, and Why: Experiential Elements in the Work of Pierre Bonnard, Edward Hopper, and Contemporary Relational Aesthetics
Julia Teel, Abilene Christian University

4:20-4:40 p.m.
Wyndham Lewis and Vorticism: An Anarchic Link Between Art and Polity
Mason Werth, University of Central Oklahoma

Music
4:40-5:00 p.m.
Asian Representation in Broadway Musical Theater
Evelyn Tu, Brooklyn College
STUDENT ORAL SESSION 9 - FRI 4:00PM-5:00PM

CONVOCATION CENTER 1056  
**Music**
4:00-4:20 p.m.  
The ‘Unplayed’ Level: A Link Between Modality and Sense of Place in Super Mario Galaxy  
Gabrielle Goral, Florida Gulf Coast University

4:20-4:40 p.m.  
The Benefits of The Well-Tempered Clavier  
Leah Bartlam, Cedarville University

4:40-5:00 p.m.  
The Court of Burgundy: A Musically Fluent Society  
Elizabeth Ferris, Cedarville University

**CONVOCATION CENTER 2007**  
**Art History & Visual Arts**
4:00-4:20 p.m.  
Stylistics and Design  
Courtney Gausman, University of Central Oklahoma

**Film/Photography Studies**
4:20-4:40 p.m.  
In The Labyrinth, In That Realm You’re In: An Analysis of the Pale Man in Guillermo Del Toro’s “Pan’s Labyrinth”  
Bobbie Shreiner, Appalachian State University

4:40-5:00 p.m.  
Machismo, Poverty, and Gender Violence in City of God (2002) by Fernando Meirelles and Kátia Lund  
Jamie Plummer, Clemson University

**CONVOCATION CENTER 2008**  
**Theatre/Drama**
4:40-5:00 p.m.  
Female Agency in House of Desires  
Catherine Broyles, Valdosta State University

**CONVOCATION CENTER 2015**  
**Art History & Visual Arts**
4:40-5:00 p.m.  
The Revamping of Heraldry: The Basis for Modern Corporate Branding  
Sydni Levis-Nasada, University of Central Oklahoma

**KENNESAW HALL 1103**  
**Communications**
4:00-4:20 p.m.  
Human-Equine Interactions  
Jerica James, Utah Valley University

4:20-4:40 p.m.  
Intercultural Competencies Among Undergraduates in the College of Arts & Humanities at Minnesota State University, Mankato  
Jonathon Arndt, Olivia Thomas, Sean O’Rourke, Tori Smith, Minnesota State University, Mankato

4:40-5:00 p.m.  
Linguistic Discrimination: A Study of Immigrants in the Quad Cities Area  
Duy Pham, Augustana College

**KENNESAW HALL 1107**  
**Architecture, Construction Management, & Interior Design**
4:00-4:20 p.m.  
Taking Care of Business: A Post Occupancy Evaluation of Learning Spaces in the College of Business  
Savannah Scoville, Savannah Scoville, Annie Mimick, Ashlynn Engelhard, University of Nebraska - Lincoln

4:20-4:40 p.m.  
The Concept of Sublime in Gaudi’s Sagrada Familia  
Mengying Wu, Iowa State University
Creative Writing
4:40-5:00 p.m.
_The Find_: Rescuing Adventure Fiction from the Depths of Racism, Imperialism, and Misogyny
Erin Weirrick, University of Findlay

PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
4:00-4:20 p.m.
Identifying Intervention Methods to Mitigate Stress and Anxiety Leading to Burnout Symptoms Among Medical Residents
Sidney Burke, Carthage College

4:20-4:40 p.m.
Impact of Household Access to Electricity on Health Outcomes in Nepal
Xuerui Yang, University of Minnesota - Morris

4:40-5:00 p.m.
Improving Health Literacy
Thompson Akele, University of Hartford

PRILLAMAN HEALTH SCIENCE BUILDING 1101
Nursing & Public Health
4:20-4:40 p.m.
Analysis of Free Community Health Screenings’ Effectiveness on the Asian and Pacific Islander American Population
Hong-Ho Yang, Won Jong Chwa, Joshua Xian, Julia Yuan, Crystal Chung, Noah Rudisill, Daryl Moniaga, University of California - Los Angeles

PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
4:00-4:20 p.m.
The Health of African Immigrants: the Role of Conflict in the Development of Schizophrenia in Second-Generation Immigrants
Joshua Kiyee, Hamline University

4:20-4:40 p.m.
Sexual and Reproductive Health Services for Refugees in Uganda: A Country Case Study of Healthcare Professional Views
Megan Dumas, University of Minnesota

4:40-5:00 p.m.
Examining Predictors of Opioid Use in College Students
Melissa Sharpe, Rachel Sanders, University of Alabama

SOCIAL SCIENCE BUILDING 2032
Psychology
4:00-4:20 p.m.
Differential Effects of Environmental Enrichment on Lateral and Medial Entorhinal Cortex Function
Charlotte Godfrey, Deja Wright, Appalachian State University

4:20-4:40 p.m.
Direct Behavior Observations and Teachers’ Ratings of Internalizing Problem Behaviors
Lauren Parker, University of Southern Mississippi

4:40-5:00 p.m.
Do’s and Don’ts for Undergraduates Doing Community Psychology Research
Nicholas Croft, Elisha McCready, Matthew Savant, Kutztown University

SOCIAL SCIENCE BUILDING 2033
Psychology
4:00-4:20 p.m.
Methods of Improving Learning and Memory Performance in the Radial Arm Maze
Nikola Vran, Shelby Fernandez, Hope Mainieri, Nicholas Morgan, Isabella Parks, Lily Sheppard, Molly Sullivan, Isabella Tafurt, University of North Georgia
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<th>Time</th>
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<tr>
<td>4:20-4:40 p.m.</td>
<td>Neuroendocrine Correlates of Dominance Relationships in Female Syrian Hamsters</td>
<td>Annie Loewen, University of Tennessee at Knoxville</td>
<td>SOCAL SCIENCE BUILDING 2034</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>Normalization in Schools: Foucault &amp; the Mental Health Crisis</td>
<td>Jennifer Feutz, Valparaiso University</td>
<td>SOCAL SCIENCE BUILDING 2034</td>
</tr>
<tr>
<td>4:00-4:20 p.m.</td>
<td>The Function of Role Models in the Formation of Identity in African American Male Adolescents</td>
<td>Genesis Galan, Bridgewater State University</td>
<td>SOCAL SCIENCE BUILDING 2035</td>
</tr>
<tr>
<td>4:20-4:40 p.m.</td>
<td>The Impact of Mind-Wandering on Visual Working Memory Binding Processes</td>
<td>Jacob Hanson, Concordia College - Moorhead</td>
<td>SOCAL SCIENCE BUILDING 2035</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>The Impact of Sleep on Reaction Time in College Students</td>
<td>Hanauvet Mullins, Kayla Mullins, The University of Virginia’s College at Wise</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
</tr>
<tr>
<td>4:20-4:40 p.m.</td>
<td>The Relationship Between Substance Use and Depression Among College Students</td>
<td>Taylor Walker, University of Georgia</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
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<tr>
<td>4:40-5:00 p.m.</td>
<td>To Adapt or to Preserve? Attitudes Toward Marriage Among Chinese Immigrant College Students</td>
<td>Shanlin Li, City University of New York-Brooklyn College</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
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<tr>
<td>4:00-4:20 p.m.</td>
<td>Once the Cord Is Cut: Moral Theories and Self-Effacement</td>
<td>Mason Peck, University of Central Oklahoma</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
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<tr>
<td>4:20-4:40 p.m.</td>
<td>Platonic Augustinianism and Its Incompatibility with the Secular State</td>
<td>Irene Gerrish, Hope College</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
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<tr>
<td>4:40-5:00 p.m.</td>
<td>Problems With the “Problems” With Psychophysical Causation: a Defense of Dualist Interactionism</td>
<td>Noah McKay, Covenant College</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
</tr>
<tr>
<td>4:20-4:40 p.m.</td>
<td>The Modern Political Divide: Possible Predictors for Religion and Politics</td>
<td>Jordan Tietjen, Weber State University</td>
<td>SOCAL SCIENCE BUILDING 2036</td>
</tr>
<tr>
<td>4:20-4:40 p.m.</td>
<td>The Deportation Threat and Its Health Impact on Hispanic Immigrant College Students</td>
<td>David Duncan, Elon University</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
</tr>
<tr>
<td>4:40-5:00 p.m.</td>
<td>The Impact of an Introduction to Social Work Class on the Cultural Competency of Undergraduate Students in the College of Social and Behavioral Science at Minnesota State University, Mankato</td>
<td>Sarah Hagar, Linnea Carlyle, Kadiatou Sidibe, Minnesota State University, Mankato</td>
<td>SOCAL SCIENCE BUILDING 3007</td>
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SOCIAL SCIENCE BUILDING 3010
English & Literature
4:00-4:20 p.m.
All That Glitters is Not Gold: The Story of Feminine Power in George Eliot’s “Adam Bede”
San Sung (Hakyung) Kim, Dordt College

4:20-4:40 p.m.
Allegiances and Treachery: A Look at the Cultural Criticisms of Paul Morand
Zachary Shelton, University of Kentucky

4:40-5:00 p.m.
An Examination Into the Effects of Anxiety-Arousal Misattribution on the Romance of a Teenage Protagonist
Daniel Lim, John Brown University

SOCIAL SCIENCE BUILDING 3012
English & Literature
4:00-4:20 p.m.
Heresy and Sodomy: Intersectional Readings of the Merchant of Venice
Noah Taylor, Emory University

4:20-4:40 p.m.
Hiding Behind the Barrel: The Role of Female Complicity in the Spread of Colonialism in Eudora Welty’s The Robber Bridegroom
Chyna Gowan, Sonora Lanham, Summer Rand, Kaley Smith, University of West Georgia

4:40-5:00 p.m.
How Not to Read: The Nazis’ Appropriation of The Merchant of Venice
William White, University of Tennessee at Knoxville

SOCIAL SCIENCE BUILDING 3019
English & Literature
4:00-4:20 p.m.
Reading Between Their Lines: Euphuism in Much Ado About Nothing
Helen Bowen, Western Carolina University

4:20-4:40 p.m.
Reconstructing Reality: Tino Villanueva and the Oppressed Self
Emma Yahr, North Central College

4:40-5:00 p.m.
Reimagining Dystopian Literature as Inspiration for Student Activism
Abigail Frye, University of Findlay

SOCIAL SCIENCE BUILDING 3021
English & Literature
4:00-4:20 p.m.
The Odd Life of Margery Kempe
Hannah Cone, Jacksonville University

4:20-4:40 p.m.
The Rhetoric of Mental Illness: A Primary and Secondary Research Project Focused on the Power of Words
Sean Eikhoff, Kennesaw State University

4:40-5:00 p.m.
The Sense Memory of “My Father’s Martial Art”
Brett McIntosh, Middle Georgia State University

SOCIAL SCIENCE BUILDING 3023
Linguistics & World Languages
4:20-4:40 p.m.
Linguistic Encoding of Genericity: A Comparative Study of Spanish and Brazilian Portuguese
Rachel Lambach, Liberty University

4:40-5:00 p.m.
Peace, Love, and God: An Exploration of the Most Profound Desires of the Human Heart
Rachel Tishkoff, Hope College

SOCIAL SCIENCE BUILDING 3026
History
4:00-4:20 p.m.
A Necessary Savage
Jesse Page, Abraham Baldwin Agricultural College
4:20-4:40 p.m.
A Realm Overrun with Brambles and Replenished with Ravening Beasts: Queen Elizabeth I and the Governing of Ireland, 1560-1583
Abiodun Adeoye, Salisbury University

SOCIAL SCIENCE BUILDING 3028
History
4:00-4:20 p.m.
Galveston’s Legend: Nicholas Joseph Clayton
Mehak Khatani, San Jacinto College Honors Program

4:20-4:40 p.m.
Geisha and Prostitutional Japanese Society
Sarah Murray, Trevecca Nazarene University

4:40-5:00 p.m.
Germany’s Strange Partner: Finland
William Thornton, Western Carolina University

SOCIAL SCIENCE BUILDING 3029
History
4:00-4:20 p.m.
Precursors to Tyranny
Dayton Shor, Brooklyn College

4:20-4:40 p.m.
Profiting from Mass Incarceration: The History and Development of the Private Prison Industrial Complex in the United States
Ashley Lamoureux, Liberty University

SOCIAL SCIENCE BUILDING 3030
History
4:00-4:20 p.m.
The Tumultuous Relationship of Rome and Her Veterans
Ryan Spolar, Xavier University

4:20-4:40 p.m.
The Unconquered Seminoles and Environmental History of the Seminole Wars
Mitchell Hogan, Eckerd College

4:40-5:00 p.m.
The Untold Stories of a Western North Carolinian Couple During World War II: How They Survived
Katelynn Patterson, Western Carolina University

SOCIAL SCIENCE BUILDING 3031
Anthropology & Archeology
4:20-4:40 p.m.
Towards Epistemic Diversity: Ways of Knowing in Indigenous Peru
Lorena Reinert, Messiah College

4:40-5:00 p.m.
Violent Sounds of War: Effects of Hostile Acoustic Environments on Non-Combat Veterans
Kelley Lasiewicz, Hamline University
STUDENT ORAL SESSION 10 - SAT 8:30AM-9:30AM

BAGWELL EDUCATION BUILDING 119
Education

8:30-8:50 a.m.
Fostering Digital Environments to Engage English Learners
Tatiana Oliveira, Furman University

8:50-9:10 a.m.
How Executive Functioning Promotes School Readiness in Preschoolers
Jean Stouffer, James Madison University

9:10-9:30 a.m.
How Technology Has Evolved in the Classroom
Ashlee Christian, Kayla Walker, Fort Valley State University

BAGWELL EDUCATION BUILDING 129
Diversity Studies

8:30-8:50 a.m.
Researching an Immersive Poverty Experience: The Efficacy of the MCAN Poverty Simulation
Krista Patton, Taylor Carrigan, Seth Blanton, Matt Long, Western Carolina University

8:50-9:10 a.m.
Women’s Body Image Influenced by Hypersexualized Femininity Discerned at the Met Gala
Hannah Hernandez, Cerritos College

Interdisciplinary Studies
9:10-9:30 a.m.
Water Development in Areas of Instability in Uganda
Eliza Newkirk, John Brown University

BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies

8:30-8:50 a.m.
Mirror Mirror on the Wall, Do You See Color at All?: Black Youth’s Experiences of Racial Discrimination in an Urban Quebec High School
Zoe Musafiri, Carleton University

8:50-9:10 a.m.
Offline World: Assessing At-Home Internet Accessibility in Quasi-Rural Illinois
Danielle Schmidt, University of Chicago
The College

9:10-9:30 a.m.
Post-Trauma Memory Reconciliation After the Trujillato
Ayleen Correa, Lafayette College

BAGWELL EDUCATION BUILDING 131
Interdisciplinary Studies

8:50-9:10 a.m.
Women and Microloans in Nicaragua: Changes in Standard of Living
Hannah Bryson, University of Wisconsin - Eau Claire

BAGWELL EDUCATION BUILDING 132
Political Science

8:30-8:50 a.m.
Forum Shopping in International Trade Organizations
John Donnelly, Susquehanna University

8:50-9:10 a.m.
Fueling the Fire: The Causes of Terrorism in Weak States
Grace Dunigan, Susquehanna University

BAGWELL EDUCATION BUILDING 135
Political Science

8:50-9:10 a.m.
Testing the US- Saudi Alliance
Shannon Rommel, Salisbury University
9:10-9:30 a.m.
The Effect of Democracy, Development, Religion and Science on Animal Welfare
Sydney Richardson, Augustana College

BAGWELL EDUCATION BUILDING 219
Law & Legal Studies
9:10-9:30 a.m.
Enough Is Enough: Looking at State Sexual Harassment Laws Through the Lens of Me Too and Times Up
Grace Trepasso, Ithaca College

BURRUSS BUILDING 105
Business
8:30-8:50 a.m.
Mapping the Consumer Profile of the Sport Fisherman
Benjamin Foreman, Albright College

8:50-9:10 a.m.
Marketing Is More Than a Pretty Face: Branding’s Contribution to Environmental Sustainability
Hannah Tyson, Carmen Joiner, Cara Zucker, Georgia College and State University

BURRUSS BUILDING 108
Business
8:30-8:50 a.m.
What Reinhardt University Should Consider When Considering a Move from the NAIA to the NCAA
Nicholas Marquez, Reinhardt University

8:50-9:10 a.m.
Why Work in Teams?
Malek Jelassi, Deja Mashack, Florida Gulf Coast University

BURRUSS BUILDING 109
Engineering
8:50-9:10 a.m.
Computer Modeling of Water Storage Tank
Pete Williams, Lauren Cooper, Kennesaw State University

BURRUSS BUILDING 114
Engineering
8:30-8:50 a.m.
Graphical User Interface (GUI) Based Machine Design Toolbox
Paul Pena Dominguez, Kennesaw State University

BURRUSS BUILDING 117
Engineering
8:30-8:50 a.m.
Sensors and Failure-prevention Mechanisms for Comparative Cut-bar Thermal Conductivity Measurement Apparatus
Matthew Woods, University of Kentucky

8:50-9:10 a.m.
Smart Cities Design of an Intelligent Network Using Existing ODOT ITS Technological Infrastructure on Current Oklahoma City Metro Highway
Joanthan Khoury, Kyle Levy, Anindita Das, University of Central Oklahoma

9:10-9:30 a.m.
Smart Parking System
Brooks Nelson, Brooks Nelson, Theophilus Ominabo, Kelechi Akwataghibe, Jacksonville University

BURRUSS BUILDING 152
Mathematics
8:30-8:50 a.m.
Numerical Solution of Gardner Equation by Modified Exponential Time Differencing Method
Leo Degon, Savannah State University
BURRUSS BUILDING 293

Physics
8:30-8:50 a.m.
Probe Design for Thermopower Measurements Using a Differential Thermocouple
Andrea Capa Salinas, California State University - Fresno

8:50-9:10 a.m.
Raman Fingerprint of Two Terahertz Spin Wave Branches in a Two-Dimensional Honeycomb Ising Ferromagnet
Eric Wauer, Texas Tech University

9:10-9:30 a.m.
Readout Electronics for a Multi Wire Proportional Chamber
Gracyn Jewett, Emma Pearson, Michael Reynolds, Allen Townsend, Kennesaw State University

BURRUSS BUILDING 368

Computer Science
8:30-8:50 a.m.
Identifying Specific Music Tastes Through Machine Learning and the Spotify API
Kimberly Sparks, Northern Kentucky University

9:10-9:30 a.m.
Interpreting EEG Signals with OpenBCI Hardware
Lela Bones, Salisbury University

CLENDENIN BUILDING 1008

Biology
8:30-8:50 a.m.
Effects of Wildfire and Interguild Competition on Fungal Decomposition in a Temperate Mixed-hardwood Forest
Tallis Donnelly, University of North Carolina - Asheville

8:50-9:10 a.m.
Efficient Transfection of Goat Primary Fibroblasts by Plasmid DNA Using 4D Nucleofection System
Kristopher Weekes, Fort Valley State University

9:10-9:30 a.m.
Embryonic Hyperglycemia Is Associated with Abnormal Photoreceptor and Müller Glia Cell Development
Sajana Dumre, University of Kentucky

CLENDENIN BUILDING 1003

Biology
8:30-8:50 a.m.
Carbon Nano-Onion as an Extracellular Growth Matrix for Stimulating Neuronal Regeneration
Kayla Haberman, Ouachita Baptist University

8:50-9:10 a.m.
Carvedilol Improves Hypoglycemia Awareness in Rats
Levi Neely, Utah Valley University

9:10-9:30 a.m.
Catching the Perfect Serial Killer: How Bacterial Evidence Can Advance a Forensic Investigation
Catherine Wood, Eastern Kentucky University

CLENDENIN BUILDING 1009

Biology
8:30-8:50 a.m.
Magnetic Patterning of Vorticella convallaria in Microfluidic Devices for Measurement of Endocytosis Rates at Various Temperatures
Jieyu Zhang, Albright College

9:10-9:30 a.m.
Mechanically Inducing Invasion By Altering Integrin $\beta_3$ Expression in Cancer Cells
Bohdan Matsko, Wayne State University
Environmental Science & Sustainability  
8:50-9:10 a.m.  
Geographic Effects on the Views of Climate Change and Global Warming  
Austin Silverstein, Jarron Koretz, Florida Atlantic University

CLENDENIN BUILDING 1010  
Biology  
8:30-8:50 a.m.  
The Effects of Morphology and Mitochondrial DNA Haplotype on Sprint Speed in an Arboreal Desert Lizard  
Kamberly Terry, Elon University

9:10-9:30 a.m.  
The Lone Star Tick Tick Boom!  
Elliott Toomer, Kennesaw State University

CLENDENIN BUILDING 2003  
Biochemistry  
8:30-8:50 a.m.  
Synthesis and Exploration of Pyochelin as an Antibiotic Carrier  
Aidden Toops, University of North Georgia

8:50-9:10 a.m.  
Synthesis of Iridium(III) Complexes for G-Quadruplex–Selective Probes  
Cory Forsyth, State University of New York- Brockport

9:10-9:30 a.m.  
The Regulation of Tumor Suppressor Gene P53 and Cell Cycle Protein P21 by Bisphenol S (BPS) in T47D and MCF7 Breast Cancer Cells  
Jordan Parker, Oakland University

CLENDENIN BUILDING 2008  
Chemistry  
8:30-8:50 a.m.  
Synthesis of a Dodecanuclear Octahedral Cluster from Dodecacarboxyltriosmium(0) and Tricarboxylato Ligands  
Diego Zometa Paniagua, Abilene Christian University

9:10-9:30 a.m.  
The Rise and Fall of Viagra  
Taveion Taylor, Fort Valley State University

CLENDENIN BUILDING 2010  
Environmental Science & Sustainability  
8:30-8:50 a.m.  
Prevalence and Distribution of Chytrid Fungus on a Private Conservation Area in Montgomery County, Virginia  
Courtland Caldwell, Virginia Polytechnic Institute & State U

8:50-9:10 a.m.  
Quantifying Ecosystem Services Provided by Trees Located in the Main Campus of the University of Georgia in Athens, Georgia  
William Fox, University of Georgia

9:10-9:30 a.m.  
Quantifying the Relative Contributions of Biological Uptake and Physical Sorption to Whole-stream Phosphate Retention  
Julia Young, Colorado State - Colorado State University- Cooperative Extension- Jefferson Co

CONVOCATION CENTER 1031  
Art History & Visual Arts  
9:10-9:30 a.m.  
John T. Biggers: The Motivations Behind Texas’ Most Celebrated African American Artist  
Amy Perez, San Jacinto College Honors Program

CONVOCATION CENTER 1055  
Music  
8:30-8:50 a.m.  
Claude Debussy’s Sonata for Cello and Piano: The Historical Context of Wartime France  
Jessica Bachman, University of Northern Colorado
8:50-9:10 a.m.
College Musician’s Psychophysiological Responses to Music Performance Anxiety Assessed as an Ensemble.
Kate Schwarz, Georgia State University

9:10-9:30 a.m.
Colorful Styles: Analyzing Horn Tone Quality and Regional Tone Differences Through Literature Study
Emma Dickinson, University of Georgia

CONVOCATION CENTER 1056
Music
8:30-8:50 a.m.
Musical Development of Medieval Liturgical Drama
Lauren Fox, Cedarville University

8:50-9:10 a.m.
The Tragedy of Brahms
Joseph Grunkemeyer, Kennesaw State University

9:10-9:30 a.m.
Understanding Official Nationalism and the Moguchaya Kuchka
Austin Doub, Cedarville University

KENNESAW HALL 1103
Communications
8:30-8:50 a.m.
News Gathering on Social Media and the Effect on Local News
Justin Rouzier, Matthew Ristaino, Ithaca College

9:10-9:30 a.m.
Persuading a Temple: The Rhetoric of Jim Jones
Katherine Dotten, The University of Virginia’s College at Wise

KENNESAW HALL 1107
Creative Writing
8:30-8:50 a.m.
AU or Bust: Fanfiction and Projection as a Means of Coping with Mental and Physical Illness
Emily Mueller, Illinois College

8:50-9:10 a.m.
Dilated: Vaginismus Within a Novel in Stories
Jessica Miclon, Eastern Connecticut State University

PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
8:50-9:10 a.m.
Infection Prevention and Control Practices in 13 Government Hospitals in Cambodia
Chloe Minahan, University of Pittsburgh School of Nursing

9:10-9:30 a.m.
Influence of Variability of the Catechol-O-Methyltransferase (COMT) Gene on Pain Experienced by Women Following Breast Cancer Surgery
Julia Corbin, University of Pittsburgh School of Nursing
PRILLAMAN HEALTH SCIENCE BUILDING 1105
Nursing & Public Health
8:30-8:50 a.m.
Building Health Champions Among Youth in India for Non-Communicable Disease Prevention
Madeleine Blunt, Maggie Compton, Alexis Hart, Cassidy Larkin, Catherine Meinen, Baylor University

8:50-9:10 a.m.
Effects of Healthy Lifestyle on Physical and Mental Health
Amber Byer, Texas State University - San Marcos

Exercise Science & Nutrition
9:10-9:30 a.m.
Acute Biomechanical and Performance Effects of Training with the iTrainFundamentals Bar
Quvilo Sherrod, University of Memphis

SOCIAL SCIENCE BUILDING 2032
Psychology
8:30-8:50 a.m.
Does Where I Sit Matter? Engagement, GPA and Big Five Personality Differences in College Students
Marian Malek, Soma Ezzadpanah, Trevecca Nazarene University

8:50-9:10 a.m.
Does Your Provider Care: A Mixed Methods Study of Empathy in Medical and Graduate Counseling Students
Josiah Hunsberger, Zoe Sargent, Brook Mitchell, Elizabeth Hopkins, Liberty University

SOCIAL SCIENCE BUILDING 2033
Psychology
8:30-8:50 a.m.
Parental Acceptance of LGBTQ Individuals: Influences on Psychological Well-Being & Substance Abuse
Finn Shepherd, Guilford College

8:50-9:10 a.m.
Parental Attributions and Disciplinary Styles in Relation to Child Anxiousness
Nayomi Martinez-Ubay, Shelby Breitmann, Lindsey Herndon, Georgia College and State University

SOCIAL SCIENCE BUILDING 2034
Psychology
8:30-8:50 a.m.
The Influence of Intellectual Disability, Victim Gender, and Participant Gender on Juror Decision-Making in a Child Sexual Abuse Trial
Rachael Bishop, Kennesaw State University

8:50-9:10 a.m.
The Influence of a Novel Experience on Neural Activation in the Adolescent Amygdala
Makayla Wood, Aaron Carpenter, Appalachian State University

9:10-9:30 a.m.
The Influence of Information Gaps on Curiosity and Decision Making in Children
Ally Lee, Rebecca Handsman, University of Rochester
SOCIAL SCIENCE BUILDING 2035
Sociology
8:30-8:50 a.m.
Barriers in Access to Social Services for Domestic Violence
Maya Lee, Eastern Illinois University

9:10-9:30 a.m.
Case Study: Analysis of Patient Education Practices for Patients with Fibromyalgia at Mayo Clinic
Amelia Hodge, Kennesaw State University

SOCIAL SCIENCE BUILDING 2036
Sociology
8:30-8:50 a.m.
Transgender Athletes and the Media: A 2017 Discourse Analysis
Aaron Ashburn, Western Carolina University

Philosophy, Ethics, & Religious Studies
9:10-9:30 a.m.
A Contested Concept: The Image of God in Islam
Jenna Rifai, Valparaiso University

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
8:30-8:50 a.m.
Reconciling Augustine’s Ideas on Free Will and Predestination
Elizabeth Shuffield, University of Central Oklahoma

8:50-9:10 a.m.
Repositioning The Mirror: An Expedition Through Self-Reflection
Julius Lightfoot, Valdosta State University

9:10-9:30 a.m.
Representation of the Holocaust
Mila Temnyalova, Lafayette College

SOCIAL SCIENCE BUILDING 3007
English & Literature
8:50-9:10 a.m.
Fortune, Mercy, and Divine Justice in the Medieval Consolation Poem, Pearl
Autumn Stover, The University of Virginia’s College at Wise

9:10-9:30 a.m.
“A Literary Campaign Against Genocide: The Intricate Threads Between World War II and Eudora Welty’s The Robber Bridegroom”
Summer Rand, Kaley Smith, Sonora Lanham, Chyna Gowan, University of West Georgia

SOCIAL SCIENCE BUILDING 3010
English & Literature
9:10-9:30 a.m.
Blue Streams and Grey Skies: A River Runs Through It and Home
Aliena Opoku, Western Carolina University

SOCIAL SCIENCE BUILDING 3012
English & Literature
8:30-8:50 a.m.
I, Oracle: The Legitimacy of Asimov’s Psychohistory
Brady Kruse, Mississippi State University

8:50-9:10 a.m.
Internet in the Classroom: Examining the Divide Between Access and Necessity in Using Collaborative Real-Time Editing Technology
Katharine Warren, University of Montevallo

9:10-9:30 a.m.
Is the Pen Mightier Than the Syringe? Revisiting Narratives of Addiction
Charlotte Kalfas, Northern Kentucky University
SOCIAL SCIENCE BUILDING 3019
English & Literature
8:30-8:50 a.m.
Representations of Resurrection Men in the Period Press and Frankenstein
Victoria Faron, Salisbury University

9:10-9:30 a.m.
Reverse Colonization and Xenophobia in “Dracula”
Tess Hemmila, Dordt College

SOCIAL SCIENCE BUILDING 3021
English & Literature
9:10-9:30 a.m.
The Truth Untold
Mary Fite, Kennesaw State University

SOCIAL SCIENCE BUILDING 3023
Linguistics & World Languages
8:30-8:50 a.m.
Poetry as Prayer in Santa Teresa de Jesús’s “Vuestra soy, para vos nací”
Cassie Loomis, Hope College

8:50-9:10 a.m.
The Académie Française vs. Anglicism: Franglais and the Politics of Language in France’s Fifth Republic
Rachel Yates, St. Mary’s College of Maryland

9:10-9:30 a.m.
The Formation of a Mexican Identity: Queer Representations in the Works of Three Contemporary Authors
Katherine Williamson, Roanoke College

SOCIAL SCIENCE BUILDING 3026
History
8:30-8:50 a.m.
Alexander the Great and Hephaestion: Censorship and Bisexual Erasure in Post-Macedonian Society
Athena Richardson, The George Washington University

8:50-9:10 a.m.
American Revolution: The Southern Homefront
Lindsay Vanderwey, Liberty University

9:10-9:30 a.m.
Apollo 8: Paving the Way for Lunar Landing
Joshua Naisbitt, San Jacinto College Honors Program

SOCIAL SCIENCE BUILDING 3028
History
8:30-8:50 a.m.
Good Roads and the Dixie Highway: Connecting Florida With the Rest of the Nation
Patrick Sheridan, Stetson University

8:50-9:10 a.m.
Great New Orleans Fire of 1788
Caitlin Weid, Eckerd College

9:10-9:30 a.m.
Hidden Voices: Returning Appalachian Women to the History of U.S. Woman Suffrage
Kelli Lemaster, University of Kentucky

SOCIAL SCIENCE BUILDING 3029
History
8:50-9:10 a.m.
Reevaluating the Causes of the Nika Riots
Ty Richer, Xavier University

9:10-9:30 a.m.
Revolutionary Virtue: A Look into the Reynolds Affair
Kiley Webber, Valparaiso University

SOCIAL SCIENCE BUILDING 3030
History
8:30-8:50 a.m.
The War on Blacks
Clifford Ealey, University of West Georgia
8:50-9:10 a.m.
The Zoot Suit Riots: A Clash of Culture on the Homefront
Jamie Ford, Valdosta State University

9:10-9:30 a.m.
To Love Like the West: The Europeanization of Homosexuality and Marriage in Meiji Japan
Kateria Rodriguez, Salisbury University

SOCIAL SCIENCE BUILDING 3031
Geography/Geology
8:30-8:50 a.m.
An Investigation of Environmental Disturbances Associated with Hurricane Harvey Recorded in Cores Collected from Corpus Christi Bay, Texas
Helena Bierly, Indiana State University

8:50-9:10 a.m.
Assessing Evolution of Racial Inequality in Accessing Public Green Spaces Over Space and Time in Charlotte, North Carolina
Aileen Nicolas, University of Georgia

9:10-9:30 a.m.
Enrichment and Isolation of Iron-Oxidizing Bacteria from an Ancient Earth analogue
Layla Ghazi, Georgia Institute of Technology

STUDENT ORAL SESSION 11 - SAT 9:45AM-10:45AM

BAGWELL EDUCATION BUILDING 119
Education
9:45-10:05 a.m.
Impacts and Factors of Women in STEM Education at UW-Stout
Michaela Guerrini, University of Wisconsin - Stout

10:05-10:25 a.m.
Impacts of Environmental Studies Programs on Community Stewardship
Nicolle Omiotek, Elmhurst College

BAGWELL EDUCATION BUILDING 127
Education
10:05-10:25 a.m.
To Reform or Not to Reform: Cambodian Beliefs and Attitudes Toward Education Reform and the Changes to Their National Grade 12 Examination
Desereah Tolbert, Texas State University - San Marcos

10:25-10:45 a.m.
Two Worlds in One Mouth: Exploring the Cognitive and Social Effects of Bilingual Education
Jazmin Mendieta Gauto, Dordt College

BAGWELL EDUCATION BUILDING 129
Interdisciplinary Studies
9:45-10:05 a.m.
"Ideological Interpretations: The Social Semiotics of Critical Cinema"
Sherby Michel, University of Hartford

10:25-10:45 a.m.
A New Era of Immersive Education: The Implications and Current Landscape of Educational Virtual Reality Content in China
Madelyn Boddy, Long Island University
BAGWELL EDUCATION BUILDING 130
Interdisciplinary Studies
9:45-10:05 a.m.
Potential of Women as Stakeholders in Women Without Borders PVE Initiatives
Heather Collick, Long Island University

10:05-10:25 a.m.
Pre-Term Birth in the Developing World: an Assessment of Causes and Possible AIDS
Morgan Gurel, Madelyn Madewell, John Brown University

10:25-10:45 a.m.
Raptorial Strikes Investigated Using Original Software
Christopher Smith, Jesse Harris, The University of Virginia’s College at Wise

BAGWELL EDUCATION BUILDING 131
Political Science
10:05-10:25 a.m.
21st Century War: Afghanistan as a Case Study in Prolonged Conflict
Seychelle Steele, Kennesaw State University

10:25-10:45 a.m.
A Home for All: How Market Forces and Government Policies Can Improve Housing in Cuba
Farwa Shakeel, Ithaca College

BAGWELL EDUCATION BUILDING 132
Political Science
9:45-10:05 a.m.
Gays for Trump: Understanding Gay Conservatism
Nathan Roundy, Utah Valley University

10:05-10:25 a.m.
Gender and the Affordable Care Act
Aniela Edwards, Mackenzie Manofsky, Florida Atlantic University

10:25-10:45 a.m.
Global Political Economics of Early Meiji-Japan Prostitution
Nabilah Abdalla, Ithaca College

BAGWELL EDUCATION BUILDING 135
Political Science
10:05-10:25 a.m.
The European Union’s Regional Policy: A Demand-Side Perspective
Elene Jalagonia, Lafayette College

10:25-10:45 a.m.
The Impact of Public Safety Pensions on Illinois Localities: Consequences and Solutions
Brendan Mitchell, University of Illinois at Springfield

BAGWELL EDUCATION BUILDING 219
Law & Legal Studies
9:45-10:05 a.m.
Gentle Giant: The Case of a Central European International Business Law Firm’s Human Rights Advocacy
Kirby Leggett, Long Island University

10:05-10:25 a.m.
Germany and the International Criminal Court Reasons for the Establishment of the Code of Crimes Against International Law
Anna-Katharina Groschinski, American University

10:25-10:45 a.m.
Loyalty to the King: The Circuits’ Interpretation of the Overhauled “Police-Created Exigency” Doctrine
Alexander Cuneo, Florida International University

BURRUSS BUILDING 105
Business
10:25-10:45 a.m.
Online Social Presence: How Business-to-Business Sales Representatives Use Social Media in Prospecting Efforts
Maxwell Pivonka, Elon University
BURRUSS BUILDING 108
Economics
10:25-10:45 a.m.
Determinants of Per Capita GDP Growth for African Nations: Testing the Solow Model Abstract
Omer Suliman Abdel Magid, Eastern Washington University

BURRUSS BUILDING 109
Engineering
9:45-10:05 a.m.
Controlling the Crystallization Kinetics of Atomic Layer Deposited TiO2 Thin Films
Robert Petrie, Georgia Institute of Technology

10:05-10:25 a.m.
Converting Manual to Automatic Thermostat
Jonathan Kitchel, Tsegaye Gelahun, Harrison Lange, Kennesaw State University

10:25-10:45 a.m.
Design and Construction of an Internet-connected Stand-alone 'Solar Tree' to Harvest Solar Energy
Robert Reynolds, Tyler Johnson, Aaron Leix, Jonathan Colley, Kenan Dulic, Alan Palmer, Hongkuan Lin, Brittany Aysan, Richard Gottschau, Kennesaw State University

BURRUSS BUILDING 117
Engineering
9:45-10:05 a.m.
Temperature Responsive Membranes and Perfluorochemical Adsorption
Rollie Mills, University of Kentucky

10:05-10:25 a.m.
The Effect of Collector Angle on Thermosiphon Efficiency
Ethan Krouse, University of Evansville

10:25-10:45 a.m.
The Effect of Fission Gasses on Thermal Transport in Actinide Oxides
Katherine Mitchell, Alex Resnick, Kennesaw State University

BURRUSS BUILDING 114
Engineering
9:45-10:05 a.m.
High-speed Fiber Bragg Grating Sensor System for Impact Loading Measurements in Helmet Safety Testing
Hannah Dinovitzer, Carleton University

10:05-10:25 a.m.
How to Quickly and Accurately Calculate Sqrt(sin(ln(264))) Without Using a Computer
Nelson Penn, University of Kentucky

BURRUSS BUILDING 152
Mathematics
9:45-10:05 a.m.
Signed Magic Rectangles with Two Filled Cells in Each Column
Brandi Ellis, University of West Georgia

10:05-10:25 a.m.
Simplifying Mathematical Composition on Electronic Platforms
Donald Honeycutt, Liberty University

BURRUSS BUILDING 293
Physics
9:45-10:05 a.m.
Screening Single-Atom Catalysts for Propane Dehydrogenation
Christopher Bean, Valparaiso University

10:05-10:25 a.m.
Simulating X-Ray Machine Shielding in MCNP
Duncan Bohannon, Kennesaw State University
10:25-10:45 a.m.
Simulation in Geant4 and Machine Learning Optimization of Multi-Wire Proportional Chambers
Allen Townsend, Kennesaw State University

BURRUSS BUILDING 368
Computer Science
10:05-10:25 a.m.
Let’s Recommend a Deal! A Study of Recommender Systems in Python.
Madeline Cope, Olivia Bindas, Youngstown State University

10:25-10:45 a.m.
Medicinal Aeroponics to Support Resource Constrained Environments
Jessica Thomas, Texas Woman’s University

CLENDELIN BUILDING 1003
Biology
10:05-10:25 a.m.
Characterization of Gut Stem Cell Biology in a Novel Mutant for the Brain Tumor Gene in Drosophila melanogaster
Keaton Schmitz, University of Alabama

10:25-10:45 a.m.
Characterization of the Spatial Distribution of Lineages and Phenotypes in Yellow Ground Scorpions
Michelina Pinto, Eastern Connecticut State University

CLENDELIN BUILDING 1008
Biology
9:45-10:05 a.m.
Enterobacteriaceae: Desiccation Survival and Thermal Tolerance of Closely Related Genera
Jharef Tecsilhua Tamariz, Saint Cloud State University

10:05-10:25 a.m.
Epigenetic Effects of Environmental Contaminants on Turtles with Temperature Dependent Sex Determination
Victoria Villanueva, Iowa State University

10:25-10:45 a.m.
Escape Responses from a Predatorial Attack in Phidippus Regius
Victoria Gaudin, James Madison University

CLENDELIN BUILDING 1009
Biology
9:45-10:05 a.m.
Mechanism of Cell Death Triggered by E2 Reintroduction in Cervical Carcinomas
Hope Didier, Kennesaw State University

10:05-10:25 a.m.
Microbial Assemblages in Association with Crayfish Ectosymbionts
Matthew Cooke, Thomas Kepler, Luke Fischer, Kaleb Bohrnstedt, Gabe Hooper, John Hoverson, Mark Fischer, Nathan Edmondson, Liberty University

10:25-10:45 a.m.
Molecular Investigation of Amphibian Pathogens in Lee County, VA
Casey Mahoney, Liberty University

CLENDELIN BUILDING 1010
Biology
9:45-10:05 a.m.
The Phylogeography of the Southeastern Species of the Genus Dalea L. (Fabaceae) Using a Phylogenetic Approach
Joshua Fuller, University of North Georgia

10:05-10:25 a.m.
The Regulation of Multidrug Resistance Protein 4 (MRP4) Activity by AMP-activated Protein Kinase (AMPK) in the Renal Proximal Tubule
Jessica Purick, Eastern Connecticut State University
CLENDENIN BUILDING 2003
Biochemistry
9:45-10:05 a.m.
The Role of the IL-33/ST2 Pathway in Ugandan Children with Severe Malaria
Pontian Adogamhe, University of Wisconsin - Whitewater

10:05-10:25 a.m.
Thermal-Shift Assay Development for Finding Novel Antibiotics Targeting a Cystic Fibrosis Pathogen
Kimberly Meyberg, Kennesaw State University

Chemistry
10:25-10:45 a.m.
“Click”-enhanced FRET Assay for the Peptide-linked Coumarins
Angel Weather, Augusta University

CLENDENIN BUILDING 2008
Biochemistry
9:45-10:05 a.m.
Using Cycloetherification Reaction in the Synthesis of Pestacin: A 1,3-dihydrobenzofuran
Bakr Ali, Salisbury University

Environmental Science & Sustainability
10:25-10:45 a.m.
Activity Patterns of Feeder Birds at Georgia Gwinnett College
Matthew Tatz, Georgia Gwinnett College

CLENDENIN BUILDING 2010
Biology
10:25-10:45 a.m.
Investigating Paramecium caudatum Susceptibility to Holospora undulata Infection
Winiffer Conce Alberto, State University of New York- New Paltz

Environmental Science & Sustainability
9:45-10:05 a.m.
Reduce Reuse ReRumen: Bacterial Loads in Paunch Manure
Ranee Miller, Tarleton State University

10:05-10:25 a.m.
Relationship Between Conocephalum Conicum (Snakeskin Liverwort) Distribution, Elevation and Water Quality in Western North Carolina Mountain Streams
Alyssa Melton, University of North Carolina - Asheville

CONVOCATION CENTER 1031
Art History & Visual Arts
9:45-10:05 a.m.
Learning and Intelligence of Slime Mold and Humanity
Megan Mauriello, Lafayette College

10:05-10:25 a.m.
Leonardo Da Vinci’s Adoration of the Magi: Theological Symbolism or Technical Experimentation
Rena Norman, Hendrix College

10:25-10:45 a.m.
Max Beckmann and Wartime Trauma
Marguerite Passaglia, Saint Louis University

CONVOCATION CENTER 1055
Music
10:05-10:25 a.m.
Delius in Songs and Scenes
Pauline Angelica Acedera, Jacksonville University

10:25-10:45 a.m.
Dignity and Resistance: Frederick Douglass and the Arts in America
Abigail Dickson, Columbus State University
CONVOCATION CENTER 1056
Music
9:45-10:05 a.m.
Using Music to Enhance Story in Video Games
Nathan Sumerlin, Eastern Washington University

10:05-10:25 a.m.
Why Eastern Music Should Be Taught in the United States
Jesse Fair, Trevecca Nazarene University

10:25-10:45 a.m.
Yet Another Way to Tune Your Piano: Deriving a Chromatic Scale from the Overtone and Undertone Series
Jonathan Snead, Appalachian State University

KENNESAW HALL 1107
Creative Writing
9:45-10:05 a.m.
Ink and Contaminated Water: Creative Writing as a Medium for Communicating Environmental Contamination
Ryan Price, Ithaca College

10:25-10:45 a.m.
Sekoia and the Books of the Galápagos: Narrating Biological Anthropology Through Magical Realism
Chisom Ogoke, Texas State University - San Marcos

PRILLAMAN HEALTH SCIENCE BUILDING 1002
Nursing & Public Health
9:45-10:05 a.m.
Let’s Talk About HPV: Awareness and Education of College Students Regarding Human Papillomavirus and the HPV Vaccine
Sarah Sakakeeny, MaKenna Long, Megan Mallary, Audrey Skogg, Abilene Christian University

10:25-10:45 a.m.
Measuring the Relative Impact of State Medicaid Expansions on Utilization of Diabetic Care
Eli Kochersperger, California University of Pennsylvania

10:25-10:45 a.m.
Patient Dose Audit in Computed Tomography at Cancer Institute of Guyana
Ramzee Small, University of Guyana

KENNESAW HALL 1103
Communications
10:05-10:25 a.m.
Public Relations and Activism: Examining the Effects of New Public Relations Strategies on Activist Campaigns
Damie Omole, Kennesaw State University

CONVOCATION CENTER 2007
Film/Photography Studies
9:45-10:05 a.m.
The Role of A Lifetime: The Case Study for Women in Film
Noelle Cameron, Jack Hagler, Maddie DeFrank, Melody McLaurin, Kennesaw State University

10:05-10:25 a.m.
The White Man’s Burden and the Effects of Apologetic Othering in Cinema
Keshav Srinivasan, Chapman University

10:25-10:45 a.m.
Women and the Gender Employment Gap in Film and Television
Alissa Langguth, Capital University

KENCESAW HALL 1107
Creative Writing
9:45-10:05 a.m.
Ink and Contaminated Water: Creative Writing as a Medium for Communicating Environmental Contamination
Ryan Price, Ithaca College

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Ramzee Small, University of Guyana

KENNESAW HALL 1103
Communications
10:05-10:25 a.m.
Public Relations and Activism: Examining the Effects of New Public Relations Strategies on Activist Campaigns
Damie Omole, Kennesaw State University

STUDENT ORAL SESSION 11 - SAT 9:45AM-10:45AM
10:25-10:45 a.m.
Digital Fan Fiction Archives and the Value of Fan Production
Annika Gidley, Hope College

SOCIAL SCIENCE BUILDING 2032
Psychology
9:45-10:05 a.m.
Eliciting Emotions with Requirement Elicitation Interviews: Emotion Specific ANS Activity During Experienced Boredom and Frustration
zehra kol, Kennesaw State University

10:05-10:25 a.m.
Enrichment During Adolescence Alters Evoked Activity in Temporal Lobe Memory Circuit Following an Enriching Experience in Early Adulthood
Hannah Godfrey, Danielle Drury, Appalachian State University

SOCIAL SCIENCE BUILDING 2033
Psychology
9:45-10:05 a.m.
Physiological Measures of Pain Empathy Implicating Mirror Neuron Activity and Gender Differences in Self-Reported Empathy
Malvina Pietrzykowski, Eastern Connecticut State University

10:05-10:25 a.m.
Prior Enriching Experiences Impacts Evoked Neural Activity Resulting from a Single Enrichment Exposure in the Hippocampal Formation and the Basolateral Amygdala
Erica Turner, Carli Cosentino, Appalachian State University

10:25-10:45 a.m.
Psychological and Neurocognitive Processes of the Dark Triad: An Analysis of Cultural Differences
Anissa Hewett, Kevin Rivas, California State University - Channel Islands

SOCIAL SCIENCE BUILDING 2035
Sociology
9:45-10:05 a.m.
Correlation of Redlining with Contemporary Asthma Rates
James Koch, Hamline University

10:05-10:25 a.m.
Decoding NIMBY Discourse: Permanent Supportive Housing in Orange County
Mahindra Mohan Kumar, California State University - Long Beach

10:25-10:45 a.m.
Formerly Incarcerated Women and Identity Change
Bridget Cervelli, California State University - Long Beach

SOCIAL SCIENCE BUILDING 2036
Philosophy, Ethics, & Religious Studies
9:45-10:05 a.m.
A Defense of the Cogito
Kyle Wyse, Juniata College

10:05-10:25 a.m.
A Sartrean Analysis of Dysthymic Depression as a Byproduct of Societal Relations with the Other and Alienation
Jordan Schechter, Western Carolina University

10:25-10:45 a.m.
A World Without Super-Problemsthe Biomedical Ethics of Superheroes and Transhumanism
Hannah Grace Lemacks, Western Carolina University

SOCIAL SCIENCE BUILDING 2038
Philosophy, Ethics, & Religious Studies
9:45-10:05 a.m.
Stoic Influence on Early Christian Theology: Why We Can’t Ignore It
Taylor Justison, Valparaiso University
10:05-10:25 a.m.
The Alienated Criminal: A Marxist Approach to Restorative Theories of Justice
Kelsey Wolfe, Eastern Connecticut State University

10:25-10:45 a.m.
The American Nueroses
Nolan Grunska, Montana State University Bozeman

SOCIAL SCIENCE BUILDING 3007
English & Literature
9:45-10:05 a.m.
“A Terribly Incomplete Thing”: The Incomplete Buildungsroman as Racial Critique of the American Dream
Safia Hattab, Hope College

10:05-10:25 a.m.
“I See” Said the Blind Man; “I Know” Said Oedipus
Emma Barlow, Xavier University

SOCIAL SCIENCE BUILDING 3010
English & Literature
9:45-10:05 a.m.
Carol Alone With Her Illness in “Safe”
Katherine Bowden, University of West Georgia

10:05-10:25 a.m.
Character and Plot as Artistic Devices in Upton Sinclair’s The Jungle
Andrew Wolfson, Jacksonville University

10:25-10:45 a.m.
Charles Dickens’ Writings Style: Its Reflection of the British Social Structure
Aleksandreja Kulits, Liberty University

SOCIAL SCIENCE BUILDING 3012
English & Literature
9:45-10:05 a.m.
Japanese Woodblock Prints: Influences on the Western Arts
Juliana Martinez, California Lutheran University

10:05-10:25 a.m.
Jesus and The Beatles: Reclaiming Christ for a New Generation
Wade Bredin, Hampden-Sydney College

10:25-10:45 a.m.
Kurt Vonnegut: A Feminist Ally
Mary Loftus, Lagrange College

SOCIAL SCIENCE BUILDING 3019
English & Literature
10:25-10:45 a.m.
Romanticized Rape in the Age of Consent: An Analysis of Literary Sex Scenes, Rape Culture, and the #MeToo Movement
Sarah Schauer, Concordia College - Moorhead

SOCIAL SCIENCE BUILDING 3021
English & Literature
9:45-10:05 a.m.
The Use of Chiasmi in Canto Twenty of Dante’s Purgatorio
Marie Webb, John Brown University

10:05-10:25 a.m.
The Wycliffite Translators’ Access to Nicholas of Lyra’s Glosses
John Shuster, Emory University

10:25-10:45 a.m.
Tolkien’s Ring: The Influence of Norse Myth on The Lord of the Rings
Caleb Thompson, Lubbock Christian University
SOCIAL SCIENCE BUILDING 3023
Linguistics & World Languages
9:45-10:05 a.m.
The Impact of “Global English” on Foreign Language Learner Motivation
Morgan Stephan, Texas State University - San Marcos

10:05-10:25 a.m.
Through the Veil of Christianity: The (almost) Evangelization of the Nahuas in Colonial Mexico
Sarah Burke, The University of Virginia’s College at Wise

10:25-10:45 a.m.
Tracking Second Language Phonetic Learning in Spontaneous Speech
Shelby Bruun, Iowa State University

SOCIAL SCIENCE BUILDING 3026
History
9:45-10:05 a.m.
Augustan Propaganda and the Isiac Cult: Religion and Politics in the Early Roman Empire
Makenzie Cool, Carthage College

10:05-10:25 a.m.
Andriana Stenros, Dominican University of California

10:25-10:45 a.m.
Becoming American in a Multiracial Context: Chinese “Sojourners” and African Americans’ Battle for Inclusion in a White Republic, 1868-1904
Yi Xie, Emory University

SOCIAL SCIENCE BUILDING 3029
History
9:45-10:05 a.m.
The Anglo-Scottish Union in the English East India Company: The Creation of a True British Empire
Kayra Icard, Salisbury University

10:05-10:25 a.m.
The Battle Over the Canal: The Dispute Between Sister Cities That Shaped the Future of the Twin Ports
Charles Bertel, Hamline University

SOCIAL SCIENCE BUILDING 3030
History
9:45-10:05 a.m.
Two Sides of a Democratic Coin: President Johnson’s International Approach to the Domestic Civil Rights Movement
Kayla Robinson, Dominican University of California

10:05-10:25 a.m.
Visualizing the Atomic Era: The Response of Japanese Cinema to the Atomic Bombs
Zach Long, Valparaiso University

10:25-10:45 a.m.
When Women Build a War: Women in the Workplace During World War I and World War II
Amelia Konda, Western Carolina University
SOCIAL SCIENCE BUILDING 3031
Geography/Geology
9:45-10:05 a.m.
Migration Aspirations Among Cameroonian Youth
Gregory Treiman, Middlebury College

10:05-10:25 a.m.
Modeling the Hydrologic Processes of an Isolated Ridgetop Wetland System to Determine Potential Connectivity to Lowlands
Selsey Stribling, Eastern Kentucky University

10:25-10:45 a.m.
Relating Variations in Soil Composition to Concentration-Discharge Relationships in a Disturbed Headwater Catchment
Dakota Little, Western Carolina University

STUDENT POSTER SESSION 1 - THU 10:45AM-11:45AM

ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side B
Double Zonal Osteon Arrest Lines
Julia Lenderman, University of West Georgia

Student Recreation and Activity Center - Kiosk 40 Side C
Quantifying Regionally-derived Sedimentary Rocks in Pleistocene Oak Creek Formation Glacial Till
Rene Chavez, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 41 Side A
Why Did the Chicken Cross the Ocean: an Analysis of Faunal Remains from the Emanuel Point Shipwrecks
Zackariah Pagels, University of West Florida

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN
Student Recreation and Activity Center - Kiosk 68 Side A
Aging and Space: What Do We Need to Consider as We Design for the Elderly?
Jenshe Floyd, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side B
In Memory of Nuclear Waste: Architecture that Endures Millenniums
Jacob Powell, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side C
The Benefits of Virtual Reality for Architecture and Interior Design Practice
Laurel Getty, University of Tennessee at Chattanooga
ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side C
Design as a Superpower
Holly Low, University of Central Oklahoma

BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side C
Antimicrobial Properties of Altered Zinc-metal Based Nanoparticles and the Possible Applications to the Clinical Setting
Kaitlyn Brasecker, Western Carolina University

Student Recreation and Activity Center - Kiosk 57 Side A
Chemically Powered Janus Particles For Enzyme Rate Enhancement
Andrew Pan, Renee Mallick, George Wang, Sil Savla, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 57 Side B
Effect of Quorum Quenching Lactonases in Clinical Isolates of P. aeruginosa
Isabel Larus, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 57 Side C
Exploring Familial Relationships Between Lanthipeptides Produced by Salinispora
Caroline Kittrell, Mercer University

Student Recreation and Activity Center - Kiosk 58 Side B
Metabolic Effects of Vitamin D and Fish Oil on Obesity
Brennan Mabry, Texas Tech University

Student Recreation and Activity Center - Kiosk 58 Side C
Probing the SpNOX Substrate Binding Site for NADPH vs. NADH Affinity
Brittany Notice, Kennesaw State University

Student Recreation and Activity Center - Kiosk 59 Side A
Statin-Mediated Potentiation of Chemotherapeutic Toxicity
Meera Khatri, University of Colorado Colorado Springs

Student Recreation and Activity Center - Kiosk 59 Side B
The Effect of Artificial Sweeteners on Reactive Oxygen Species in the Growth of Yeast
Madison Grindstaff, Milligan College

BIOLOGY
Student Recreation and Activity Center - Kiosk 42 Side A
Abnormalities in the ULK1 Initiation Complex of the Autophagy Pathway in Schizophrenia Brain
Saloni Patel, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 42 Side B
Analysis of Impact of Salt Consumption on Cardiovascular Disease by Applying Meta-Analysis Statistical Techniques
Shivam Singh, Khushboo Singh, Uma Maveli, Jaidev Gupakumar, San Jose State University

Student Recreation and Activity Center - Kiosk 42 Side C
Aquatic Macroinvertebrates and Aquatic Plants as Bioindicators of River Health
Elizabeth Fain, Mississippi University for Women
<table>
<thead>
<tr>
<th>Title</th>
<th>Presenter/Institution</th>
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<tbody>
<tr>
<td>Axon Guidance Control by the Transcription Factor Ngn-1/neurogenin</td>
<td>Alexandra Beasley, Kennesaw State University</td>
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<tr>
<td>Bugs in Bugs: Analysis of Microbiota of Trichoplusia ni Larvae</td>
<td>Susan Ha, University of North Georgia</td>
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<tr>
<td>Characterization and Regulation of Steroid Sulfatase Activity in a Mouse Fibroblast Cell Line</td>
<td>Jade Kerr, Mia DiFrancesco, Sanjana Ojha, Duquesne University</td>
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<td>Contributions of Taurine to Aggressive and Escape Behaviors in the Female Crayfish, Procambarus clarkii</td>
<td>Christina Mecca, University of Scranton</td>
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<td>Delta-Tocotrienol and Tart Cherry Anthocyanin Reduces Inflammation in 3T3-L1 Adipocytes</td>
<td>Lexie Harlan, Texas Tech University</td>
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<tr>
<td>Determining RNA Extraction Methodology for Consistent Quality for Sequencing</td>
<td>Chelsea Drown, University of Minnesota</td>
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<td>Direct Detection of Slow Growing Pathogens Using Nanopore Sequencing</td>
<td>Leslie Martinez-Gonzalez, Elayza Mae Aguilar, Braden Thornton, Weber State University</td>
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<tr>
<td>Effect of Expressing Non-Geranylgeranylatable RhoA and Rac1 on Actin Filament Content in B35 Neuroblastoma Cells</td>
<td>Alma Gallardo Lopez, Rowand Chabayta, Texas Woman’s University</td>
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<tr>
<td>Effects of Cholesterol on Development and Triglyceride Content of Drosophila</td>
<td>Diamond Clay, Fort Valley State University</td>
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<td>Effects of Static Magnetic Field on Myxococcus xanthus Fruiting Body Production</td>
<td>Alexandrea Coleman, Al Walters, University of North Georgia</td>
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<td>Epigenetic Influences on Plant Responses to the Environment</td>
<td>Angela Vickman, University of Wisconsin - Oshkosh</td>
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<tr>
<td>Examining the Expression Profile of PD-1/PD-L1 in EGFR-Positive Glioblastoma Multiforme</td>
<td>Kelsey O’Brien, Ouachita Baptist University</td>
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<td>Fermentation of Prebiotics in Whole Food Powders by Probiotic Lactic-acid Producing Bacterial Strains to Identify Synbiotic Combinations</td>
<td>Michaela Brubaker, Utah State University</td>
</tr>
</tbody>
</table>
Student Recreation and Activity Center - Kiosk 47 Side C
Genetic Analysis of the Dopamine Transporter’s Structure and Function in DAT-1 Coding Variants Derived from the C. Elegans Million Mutation Project
Sara Tsegay, Fisk University

Student Recreation and Activity Center - Kiosk 48 Side A
Histomorphological Variation in Plethodontid Digital Surfaces
Megan Pasternak, University of Findlay

Student Recreation and Activity Center - Kiosk 48 Side B
Identification of Affected Cardiomyoblast Subpopulations in Akirin Mutants
Amira Eltantawy, Violette Nino, Kennesaw State University

Student Recreation and Activity Center - Kiosk 49 Side A
Influence of Chinese Privet on Riparian Soil Decomposition
VICTORIA ROMERO, Kennesaw State University

Student Recreation and Activity Center - Kiosk 49 Side B
Investigating Phenotypic Effects of Cold Stress in Maize Seedlings Using Image Analysis Abstract
Christopher Morales Farfan, Katie Hillmann, Hamline University

Student Recreation and Activity Center - Kiosk 49 Side C
Investigation of the One Metabolism Pathway and Methylation Production
Meagan Branch, Elon University

Student Recreation and Activity Center - Kiosk 50 Side A
Keratin's Effect on Autophagy and Cell Proliferation in Mesenchymal Stem Cells Exposed to Oxidative Stress
Jade Hollars, Western Carolina University

Student Recreation and Activity Center - Kiosk 50 Side B
Making Connections: the DNA Regulator Lrp Chats with the Pseudomonas Quorum Sensing Network
matthew taylor, Kennesaw State University

Student Recreation and Activity Center - Kiosk 50 Side C
Mitochondrial Transfer Between Mesenchymal Stem Cells and Cardiac H9c2 Cells
Marie Sonnenburg, Amber Shoberg, Trinity Christian College

Student Recreation and Activity Center - Kiosk 51 Side A
Muscle Death by Hyperglycemia: Searching for Critical Genes
Harrison Vo, Kennesaw State University

Student Recreation and Activity Center - Kiosk 51 Side B
Optimized Protocol for Neuronal Differentiation of Induced Pluripotent Stem Cells
Kenneth David, Concordia College - Moorhead

Student Recreation and Activity Center - Kiosk 51 Side C
Phylogeny and Variations in the Acoustic Structure of Wood-warbler (Parulidae) Songs
Marylyn Paulino Yalta, George Mason University

Student Recreation and Activity Center - Kiosk 52 Side A
Prevalence and Diversity of Borrelia spp. and Anaplasma phagocytophilum Co-infections in Ixodes Ticks, Two Abundant Zoonotic Disease Agents
Zachary Barrand, Northern Arizona University
Student Recreation and Activity Center - Kiosk 52 Side B
Quantifying Mast Cells During Obesity in Ground Squirrels
Aminata Bojang, University of Wisconsin - Oshkosh

Student Recreation and Activity Center - Kiosk 52 Side C
Risk Factors for Lyme Disease in Canines of Northwestern Pennsylvania and Northeastern Ohio
April Larrison, Westminster College

Student Recreation and Activity Center - Kiosk 53 Side A
Short-term Intake of Kratom Induces Hepatomegaly in C57BL/6 Female and Male Mice
Lauryn Tumey, Wingate University

Student Recreation and Activity Center - Kiosk 53 Side B
Structural and Evolutionary Analysis of the Activation Mechanism in the SK channel-Calmodulin Complex
Brittany Montesino, Florida International University

Student Recreation and Activity Center - Kiosk 53 Side C
Testing the Protective Effect of the Juice of the Scaevola taccada on Yeast Against UV Radiation
Keanu Rochette-Yu Tsuen, Kapi`olani Community College

Student Recreation and Activity Center - Kiosk 54 Side A
The Effect of Histone Modifications with Akirin-Associated Chromatin and Nucleosome Remodeling Complexes on Transcriptional Levels in Drosophila Myogenic Development
Kristen Coutinho, Skye Gorman, Kennesaw State University

Student Recreation and Activity Center - Kiosk 54 Side B
The Effectiveness of Buccal Swabs in Mortuary DNA Extraction and STR Profiling
Alexandra Cruz, Western Carolina University

Student Recreation and Activity Center - Kiosk 54 Side C
The Effects of THC and Lorazepam, on Growth and Somite Patterning in Developing Zebrafish Embryos
Katherine Cherry, Kennesaw State University

Student Recreation and Activity Center - Kiosk 55 Side A
The Inhibiting Effects of Thymol, Carvacrol, and Cinnamaldehyde on Methicillin-Resistant Staphylococcus Aureus (MRSA) and Methicillin-Sensitive Staphylococcus Aureus (MSSA)
Anadi Saini, Monmouth University

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of Ectonucleotidases in Cardiovascular Aging
Judy Kim, University of Michigan

Student Recreation and Activity Center - Kiosk 55 Side C
The Synergistic Effect of Sulforaphane and Exercise in Activating the Nrf2 Pathway
Hannah Beskind, Nadja Jones, Northern Arizona University

Student Recreation and Activity Center - Kiosk 56 Side A
Understanding the Regulation and Activity of Glycosaminoglycan-Degrading Enzymes from Aeromonas hydrophila
Monica Sowder, Kennesaw State University
Student Recreation and Activity Center - Kiosk 56 Side B
Variation in Aggressive Behavior Relative to Age Class in Sally Lightfoot Crabs (Grapsus grapsus) on San Cristóbal Island, Galápagos Islands?
Alison Stiller, Tyler Hartigan, Taylor Schreiner, Benjamin Hartmann, Frances Weyrauch, Meegan Frank, College of Saint Benedict/ St. John’s University

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side B
Bridging Gap Between Education and Workforce Through Operations Management
Prashant Bashyal, Yadira Rebollar, University of Houston-Downtown

Student Recreation and Activity Center - Kiosk 20 Side C
Negotiation Via Mobile and Web Applications: A Comparative Study of the Effectiveness and Limitations of Traditional Role-Playing Methods
Mitchell Lanzl, Matthew Seesselberg, Matthew Villanueva, Kean University

Student Recreation and Activity Center - Kiosk 21 Side A
The Conundrum of Singaporean Banking
Emily Schmitt, University of Evansville

Student Recreation and Activity Center - Kiosk 21 Side B
Women Portrayals In Printed Fashion Advertisements: A 19 Year Thematic Analysis
Charlene Retzlaff, University of Wisconsin - Stout

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side C
Analysis of Exposed 3D Printed Polylactide Materials in Low Earth Orbit
Tyler O’Neal, San Jacinto College

Student Recreation and Activity Center - Kiosk 60 Side A
Computational Study of Luminol-H2O2-HRP System Enhancer
Barbara Brown, Fort Valley State University

Student Recreation and Activity Center - Kiosk 60 Side B
Dyeing the World Green: A Study of How Water and Other Liquids Affect the Photodegradation of Disperse Dyes
Stephanie Atkinson, NC State University

Student Recreation and Activity Center - Kiosk 60 Side C
Exploring the Relationship Between Visual-spatial Skills and Student Performance in Chemistry
Iryna Chelepis, Jared Whiteside, Utah Valley University

Student Recreation and Activity Center - Kiosk 61 Side A
Identifying Alkaloids in Secretions from Salamanders Found in Northwestern North Carolina
Madeline Miles, Appalachian State University

Student Recreation and Activity Center - Kiosk 61 Side B
Investigation of the Smart Behavior of PEG-PDMAEMA and PDMAEMA-PEG-PDMAEMA as a Function of Temperature and pH
Tessa Plautz, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 62 Side A
Recovery of Phosphates from Agricultural Stormwater Runoff
Kevin Hicks, Kiana Modaresahmadi, University of Wisconsin - Milwaukee
<table>
<thead>
<tr>
<th>STUDENT RECREATION AND ACTIVITY CENTER - KIOSK 62 SIDE B</th>
<th>STUDENT RECREATION AND ACTIVITY CENTER - KIOSK 62 SIDE C</th>
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<tbody>
<tr>
<td>Structural and Energetic Properties of FCC &amp; BCC Materials from Advanced Density Functionals</td>
<td>Synthesis and Structural Characterization of Potential Photochromic Complexes and Derivatives</td>
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<td>Noah Gregory, Appalachian State University</td>
<td>Catherine Kaiser, Penn State- Erie, The Behrend College</td>
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Celessia Cannon, Kennesaw State University

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Morgan Eaton, Virginia Commonwealth University

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Alyssa Miville, Susquehanna University

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Sydney Sleichert, Evangeline Sigwarth, University of Wisconsin - River Falls
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Mercedes Gray, Kennesaw State University

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Kenia Ramirez, Siena College

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Grady Puckett, Western Carolina University

Student Recreation and Activity Center - Kiosk 40 Side B
Finding Lost Souls: Ground Penetrating Radar Survey of a Slave Cemetery, Freedom Cemetery Hayesville, NC
Holly Duggins, Western Carolina University

Student Recreation and Activity Center - Kiosk 40 Side C
Swift Creek Pottery Exchange in the Chattahoochee River Valley
Gary Owenby, Kennesaw State University

Student Recreation and Activity Center - Kiosk 41 Side A
Wood Charcoal Analysis of Brookgreen Plantation
Steven Luse, Andrew Nye, Coastal Carolina University

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Female Artists in Our Contemporary World and How Society Depicts Mental Illness
Emily Odom, University of Central Oklahoma

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Carrie Kouts, University of Central Oklahoma

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Kayla Uthe, Iowa State University

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Brandon Lecznar, University of Michigan

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Brandon Mikulsky, University of Wisconsin - Milwaukee

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Gygeria Manuel, Spelman College

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Anthropogenic Atlanta: Rules and Remedies of Population Growth and Incompatible Transportation Infrastructure
Cory Reeves, Faith Farmer, Mickhala Delgado, Jessie Burton, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side C
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Jesse Garner, Kennesaw State University
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Tatiana Naclerio, Bentley College

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Roxana Hojjatie, Georgia Institute of Technology

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Shivam Patel, Jonathan Bridges, University of North Georgia

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Nicholas Bielski, University of Wisconsin - Parkside

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Shawn Melendy, University of Oregon

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Paige Murin, University of Memphis

Student Recreation and Activity Center - Kiosk 43 Side C
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Thomas Moran, Susquehanna University

Student Recreation and Activity Center - Kiosk 43 Side B
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Kino Maravillas, Emory University

Student Recreation and Activity Center - Kiosk 43 Side B
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Marie Sonnenburg, Trinity Christian College

Student Recreation and Activity Center - Kiosk 44 Side A
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Jackie Luu, George Mason University

Student Recreation and Activity Center - Kiosk 44 Side C
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Kendall Curtis, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 45 Side A
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Rachel Daku, Susquehanna University

Student Recreation and Activity Center - Kiosk 45 Side C
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Pardis Madjidi, Pardis Madjidi, Mahshid Farahani, Kennesaw State University

Student Recreation and Activity Center - Kiosk 46 Side A
Effects of Cutting Board Materials on Bacterial Survivability
Haylee Flournoy, Lubbock Christian University

Student Recreation and Activity Center - Kiosk 46 Side B
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Shannon Williams, Sarah Eckersley, Susquehanna University

Student Recreation and Activity Center - Kiosk 46 Side C
Essential Oils Impact on the Yeast Pathogen, Candida auris
ShaRonda Cheever, Kennesaw State University

Student Recreation and Activity Center - Kiosk 47 Side B
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Hyun Seong Seo, Emory University

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Jared Lile, Montana State University

Student Recreation and Activity Center - Kiosk 48 Side B
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Mary Grimes, Kennesaw State University

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Kaleen Brown, University of West Florida

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Erin Shenouski, Alyssa Willis, Mikaela Follmer, Susquehanna University

Student Recreation and Activity Center - Kiosk 49 Side C
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Emma Henry, Kennesaw State University

Student Recreation and Activity Center - Kiosk 50 Side B
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Brian Tirado, Mercer University

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Johnathan Tuttle, Julia Williams, University of Wisconsin - Parkside

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Lucy Min, University of North Carolina at Chapel Hill
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Leo Bohlmann, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 51 Side C
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Student Recreation and Activity Center - Kiosk 52 Side A
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Alexandra Evans, Susquehanna University

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Quantitative Microbial Source Tracking of Fecal Indicator Bacteria in Nine Cobb County, GA Creeks
Tessa Jordan, Kennesaw State University

Student Recreation and Activity Center - Kiosk 52 Side C
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Rebekah Henneborn, Kennesaw State University

Student Recreation and Activity Center - Kiosk 53 Side A
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Student Recreation and Activity Center - Kiosk 53 Side B
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Nirvignesh Vador, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 53 Side C
The Affects of Glutamine Withdrawal on Mouse Adenovirus Type -1 Replication
Elijah Adedoyin, Lagrange College

Student Recreation and Activity Center - Kiosk 54 Side A
The Effect of Low Ambient Pressure on Ovarian Gene Expression in Drosophila melanogaster
Phoebe Kurien, Eric Dempsey, Raquel Ramos, Allexa Buckingham, Susquehanna University

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Acute Exposure of Chlorpyrifos on Reproduction in Caenorhabditis elegans
Trevor McLemore, Tania Thakur, Lagrange College

Student Recreation and Activity Center - Kiosk 54 Side C
The Effects of Zero-Calorie Sweeteners on Common Probiotic Strains
Brendan Schwartz, Halifax Community College

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of EphR/ephrin Signaling in C. elegan Mutants Related to the Thermosensory Circuit
Robert Garrard, Kennesaw State University
Student Recreation and Activity Center - Kiosk 55 Side C
The Unfolded Protein Response (UPR) Initiated Intercellular Stress Communication Between Epithelial Cells and Fibroblasts
Yiming Zhang, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 56 Side A
University of North Georgia Herbarium Project
Samantha Shea, Amber Rittgers, University of North Georgia

Student Recreation and Activity Center - Kiosk 56 Side B
Viability Assay & Potential Effects of E-juice on Rat Lung Cells
Kadin Falkensten, Tulsa Community College

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side B
Changing Deep-rooted Perceptions: Promoting the New “Made in China” to the World
Thuy Trang Le, Augustana College

Student Recreation and Activity Center - Kiosk 20 Side C
Overcoming Mental Health Stigmas in Future Business Professionals
Haley Histon, Lander University

Student Recreation and Activity Center - Kiosk 21 Side A
The Effects of Formal Credit Access on Household Welfare Outcomes and Risk Coping Strategies: Evidence from Madagascar
Jean Donovan Rasamoelison, Lafayette College

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side C
Analysis of Heavy Metals in Face-Paint by SEM-EDS
Milan Haddad, Kennesaw State University

Student Recreation and Activity Center - Kiosk 60 Side A
Cytotoxicity of Platinum(II) Anticancer Compounds in Mammalian Cell Lines
Koji Barnaby, Western Kentucky University

Student Recreation and Activity Center - Kiosk 60 Side B
Dynamic Disulfide Exchange Under Visible Light
Christina Stebbins, University of Chicago

Student Recreation and Activity Center - Kiosk 60 Side C
Fabricating Carbon-Based Microelectrodes Suitable For In Vivo Use
Marcela Rodriguez, Penn State- Erie, The Behrend College

Student Recreation and Activity Center - Kiosk 61 Side A
Identifying the Chemical Fingerprint of Glass Bead Disease Using X-Ray Fluorescence Spectroscopy and Chemometrics
Megan Anderson, Hamline University

Student Recreation and Activity Center - Kiosk 61 Side B
Investigation of Thermal Properties of Carboxylates with Various Structures
Benjamin Thomas, University of New Haven

Student Recreation and Activity Center - Kiosk 61 Side C
Liana Gerhardt, Kennesaw State University
Student Recreation and Activity Center - Kiosk 62 Side A
Relationship Between Equilibrium Conformer Distribution of Nucleoside Analogues and Activity Against HCV Polymerase
Yu Zhang, Emory University

Student Recreation and Activity Center - Kiosk 62 Side B
Structural Dependence of the Thermal Stability of Citrates
Ashley Britt, University of New Haven

Student Recreation and Activity Center - Kiosk 62 Side C
Synthesis and Structure of Ternary Rare Earth Silicon Pnictides
Brennan McBride, Iowa State University

Student Recreation and Activity Center - Kiosk 63 Side A
Synthesis of Polymers to Reduce Plastic Waste
Rebecca Skalla, University of Colorado at Boulder

Student Recreation and Activity Center - Kiosk 63 Side C
Using Eye-tracking Data to Determine What Organic Chemistry Students Attend to When Completing a Three-dimensional Modeling Activity
Aana Hampton-Ashford, Lisa Bateganya, Jenifer Calvert, Cassidy Terrell, Adriane Randolph, Kennesaw State University

COMUNICATIONS
Student Recreation and Activity Center - Kiosk 67 Side C
Investigating the Impact of Visual Aesthetics and Usability Attributes of the Allegiant Air Mobile App Redesign on User Experience
Kyera Kirk, Kennesaw State University

COMPUTER SCIENCE
Student Recreation and Activity Center - Kiosk 30 Side A
A Hybrid of K-Means and Bee Algorithms for Image Classification
Zhengrui Xia, Liqiong Zhao, Kennesaw State University

Student Recreation and Activity Center - Kiosk 30 Side B
Analyzing Changes Over Time in Personality Traits of C-Level Executives as a Predictor of Company Performance
Ryan Taylor, Kennesaw State University

Student Recreation and Activity Center - Kiosk 30 Side C
Cover Text Steganography: N-gram and Entropy-based Approach
Kamrul Riad, Kennesaw State University

Student Recreation and Activity Center - Kiosk 31 Side A
ELA Statistics Analyzer
Amanda Aebig, Iona College

Student Recreation and Activity Center - Kiosk 31 Side C
Revolutionizing Aquaponics with Machine Learning and Data Analytics
Masood Al Ansar Abdul Salam, Soham Bapat, Kennesaw State University

Student Recreation and Activity Center - Kiosk 32 Side A
Usage of RFID and NFC Technologies in Integrated Environments
Jake Krueger, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 69 Side A
Do People Take the Fastest Route? An Empirical Study
Isabel Morais, Matthew Seesselberg, Kean University
Student Recreation and Activity Center - Kiosk 70 Side A
Predicting Situations with Loop Closures in Frontier Based Robotic Exploration
Etash Guha, Georgia Institute of Technology

CRIMINOLOGY/CRIMINAL JUSTICE
Student Recreation and Activity Center - Kiosk 38 Side A
Do Changes in a Police Department’s Practices and Policies Contribute to Changes in Public Opinion of Policing?
Steiner Houston, Weber State University

DANCE
Student Recreation and Activity Center - Kiosk 67 Side B
Movement and Embodied Awareness Through Myofascial Connectivity
Maggie Laszewski, State University of New York - Brockport

DIVERSITY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side B
ADA Compliance, Accommodation, and Success: Harvey Hall Renovation
Noel Jacobson, University of Wisconsin - Stout

ECONOMICS
Student Recreation and Activity Center - Kiosk 21 Side C
Weight and Wage: How Does Body Type Affect Individual Income Among Females of Generation Y
Kaleiu‘i Hosaka, Chaminade University of Honolulu

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side B
Application of a Novel Metacognitive-based Testing Strategy in Introductory STEM Courses.
Elizabeth Wynn, University of Colorado Denver

Student Recreation and Activity Center - Kiosk 32 Side C
Creating Engagement in Mathematics Instruction Using Social Issues
Hanna Tadesse, Kennesaw State University

Student Recreation and Activity Center - Kiosk 33 Side A
Full STEAM Ahead! Family Education Days: Improving Kindergarten Readiness Skills of Head Start Children and Their Families
Dylan McGuire, University of West Georgia

Student Recreation and Activity Center - Kiosk 33 Side C
Reflections on Engagement and Leadership Practices of Preservice Teachers in A Mixed-Reality Environment
Hayley Harmon, Kelsey Gravley, Andrea Daniels, Sara Roach, University of West Georgia

Student Recreation and Activity Center - Kiosk 34 Side A
The Fear of Math
Henri Abrams, Savion Mullen, Daniel Jackson, Fort Valley State University

ENGINEERING
Student Recreation and Activity Center - Kiosk 22 Side C
Characterization of Microplastics in Precipitation
Rebekah Anderson, Montana State University Bozeman

Student Recreation and Activity Center - Kiosk 23 Side B
Development of an Algae-based Carbon Capture and Utilization System to Mitigate CO2 Emissions and Produce High-value Chemicals and Bioplastics
Darian Parker, University of Kentucky
Student Recreation and Activity Center - Kiosk 23 Side C
Effective Use of an Acoustic Velocimeter in a Narrow Water Channel
Callyn Kozitza, Raquel Juarez Funez, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 24 Side A
Exploring Speaker Recognition in Different Environments
Sehee Sun, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 24 Side C
Investigating The Mechanical Properties and Failure Characteristics of Dental Archwire
Lamar Richards, Austin Geer, Southern University at Baton Rouge

Student Recreation and Activity Center - Kiosk 25 Side A
Measuring the Electric Properties of Thin Film Shape Memory Polymers in Simulated Physiological Conditions
Daniel Del Nero, University of Texas at Dallas

Student Recreation and Activity Center - Kiosk 25 Side B
Monte Carlo N Particle Semiconductor Detector Simulations
Lakota Griffis, Kennesaw State University

Student Recreation and Activity Center - Kiosk 25 Side C
Optimum pH for Flocculating Construction Sediments
Abdulmuhsen Alibrahim, Patrick Thompson, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 26 Side A
Quantifying Measurable Sustainability Through Comparison and Analysis
Sophia Fleri, Georgia Southern University

Student Recreation and Activity Center - Kiosk 26 Side C
The Effect of Aluminum Titanate (Al2TiO5) Doping by Infiltration Method on the Mechanical Properties of Solid Oxide Fuel Cell Anodes
Zoe Benedict, Montana State University Bozeman

Student Recreation and Activity Center - Kiosk 27 Side A
Underwater Machine ‘Sniffing’ Inspired by the Star-nosed Mole
John Joseph Watson, Georgia Institute of Technology

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 64 Side A
Are Yield Increases in Fertilized Biomass Crops Worth Reductions in Water Quality?
Tyler Donovan, Iowa State University

Student Recreation and Activity Center - Kiosk 64 Side B
Development of an Environmental Testing-Based Education Module for the Promotion of The Scientific Process
Katelynn Fry, Wesley College

Student Recreation and Activity Center - Kiosk 64 Side C
Evaluating the Levels of Fecal and Nutrient Pollution in the Rivers of North Carolina
Ariana Bachoon, Georgia College and State University

Student Recreation and Activity Center - Kiosk 65 Side A
Influenza Activity and Its Relationship to Climate Factors
Alexis Cherry, Spelman College
STUDENT POSTER SESSION 2 - THU 1:00PM-2:00PM

Student Recreation and Activity Center - Kiosk 65 Side B
No Time to Idle
Samantha King, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 65 Side C
Representations of Nature in Modern Day Cookbooks
Molly Fraser, North Central College

Student Recreation and Activity Center - Kiosk 66 Side A
The Impacts of Diverting Water by Hand-dug Channels in the Nile Watershed on Agriculture and Food Security in the Kamuli District of Uganda
Hannah Baysinger, Iowa State University

Student Recreation and Activity Center - Kiosk 66 Side B
Would You Eat Crops Grown from Wastewater: A Qualitative Assessment of Chemical Uptake from Irrigated Wastewater
Duncan Anderson, NC State University

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side C
Effects of Division I Cross-Country Training on Serum Ferritin, Monocytes, TNF-α and DKK1
Chandler McDonald, Weber State University

Student Recreation and Activity Center - Kiosk 6 Side A
Kinesiophobia Also Present in Individuals with Chronic Ankle Instability
Jeremy Schimmel, George Mason University

Student Recreation and Activity Center - Kiosk 6 Side B
Salivary Nitrite Levels Are Indicative of Plasma Nitric Oxide Availability in Response to Beetroot Supplementation
Owen Sloop, Hamline University

Student Recreation and Activity Center - Kiosk 6 Side C
The Relationship Between Physical Activity and Pancreatic β-cell Function in Non-diabetic Young Women
Ayaa Woday, Aisha Abdulkadir, Aneesa Watson, Kennesaw State University

GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side B
Imaging the Subsurface: The Effect of Logjams on Groundwater-Surface Water Exchange
Teodora Mitroi, Megan Doughty, Jackie Randall, Georgia State University

HISTORY
Student Recreation and Activity Center - Kiosk 38 Side B
Secrets Told by Local Newspaper Coverage: A Study of the African American Experience in the Criminal Justice System of Kentucky
Jillian Garcia, University of Kentucky

Student Recreation and Activity Center - Kiosk 39 Side A
Determining Historical Land Use at Old Bohemia Wildlife Management Area, Cecil County, MD Using Environmental and Archival Analysis
Isaac Maxwell, Stevenson University

INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
Alcohol-Related Sexual Risks Among University Students and Community-Dwelling Adults in Rural Limpopo, South Africa
Angela Caldwell, Carmen Toomer, Charlotte Brake, Megan Dombrowski, Johnda Washington, Talayah Johnson, Jemalyn Harvey, The University of Virginia’s College at Wise
STUDENT POSTER SESSION 2 - THU 1:00PM-2:00PM

Student Recreation and Activity Center - Kiosk 35 Side A
Engineering a Brand New World: An Analysis of the Polarizing Descant of Crispr-Cas9's Implementation
Alexandra Nuyda, Lone Star College System The Honors College

Student Recreation and Activity Center - Kiosk 35 Side B
Indigenous Women in the Marketplace: Agency, Culture, and Empowerment
Carolyn Wetzel, Kelly Fuhs, Hope College

Student Recreation and Activity Center - Kiosk 35 Side C
Puppies, Personification, Prioritization: An Analysis of the Species Hierarchy in Literature
Elizabeth Sullivan, Lone Star College System The Honors College

Student Recreation and Activity Center - Kiosk 36 Side A
The Science of History: Why the Egyptians Never Smiled for Pictures
Jasmine Kannikal, New York Institute of Technology

LINGUISTICS & WORLD LANGUAGES
Student Recreation and Activity Center - Kiosk 38 Side C
Investigating the Generation Gap in Attitudes Toward Language Use in Morocco
Jennifer Cox, Joeeun Kim, Lindsey Dietz, Kennesaw State University

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
An Algorithm to the Emergency Medical Service Problem
Drew Woods, University of Tennessee at Chattanooga

Student Recreation and Activity Center - Kiosk 27 Side C
Exploration of Factors Influencing Low Birth Weight Infants in Oklahoma
Patricia Salas, Khue Tu Doan, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 28 Side A
The Interaction of Language Transfer and Language Processing in Second Language
Rebecca Hicks, Olivia Campos, University of Central Oklahoma

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side A
A Case for Palliative Care Implementation in the Intensive Care Setting
Shelby Ramsey, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 1 Side B
Are e-cigarettes More Effective Than Nicotine Replacement Therapy Products in Increasing the Chance of Long-term Cessation?
Macy Zimmerman, Marlana Werderber, Duquesne University

Student Recreation and Activity Center - Kiosk 1 Side C
Maria Mata, Kennesaw State University

Student Recreation and Activity Center - Kiosk 2 Side A
Day Drinking, Drink Specials, and Alcohol Problems Among College Students
Allie Frederick, Miami University

Student Recreation and Activity Center - Kiosk 2 Side B
Effects of Sleep Quality and Physical Activity on Anxiety Found in Adults
Sarah Yang, Kennesaw State University
Student Recreation and Activity Center - Kiosk 2 Side C
Exploring Subsistence Living in Inupiaq People in the North Slope Borough, Alaska
Jessica Dirks, Gustavus Adolphus College

Student Recreation and Activity Center - Kiosk 3 Side A
Illuminating the Physician's Role in American Society: a Historical Perspective
Brenna Kirkpatrick, University of Kentucky

Student Recreation and Activity Center - Kiosk 3 Side B
LARC Provision in Alabama’s Publicly Funded Family Planning Clinics
Lauren Harper, University of Alabama

Student Recreation and Activity Center - Kiosk 3 Side C
Patient-Provider Perspectives of eHealth Initiatives
Michele LeBlanc, Carleton University

Student Recreation and Activity Center - Kiosk 4 Side A
Rescue Dosing as a Standardized Treatment Protocol for Neonatal Abstinence Syndrome to Decrease Length of Hospital Stay
Mallory Lanier, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 4 Side B
The Correlation Between Age and Postoperative Pain in Women Following Surgery for Breast Cancer
Lauren Herazo, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 4 Side C
The Injustice of Beauty and Its Potential Role on Polycystic Ovary Syndrome
Devon Nelson, George Mason University

Student Recreation and Activity Center - Kiosk 5 Side A
Why Do You Use E-Cigarettes: Vaping Motives Among College Students
Emily Wilson, Miami University

PHILOSOPHY, ETHICS, & RELIGIOUS STUDIES
Student Recreation and Activity Center - Kiosk 19 Side A
A Self-Experiment with Mindfulness in the Writing Center
Jacquelyn Scott, University of Tennessee at Chattanooga

PHYSICAL/OCCUPATIONAL THERAPY & SPEECH LANGUAGE PATHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side A
Educational Implications of Phonotactic Switching in Spanish/English Dual Speakers
Emily Ryan, Bowling Green State University

Student Recreation and Activity Center - Kiosk 7 Side B
The Effect of Bilingualism on Cognitive Abilities in a Person with Parkinson's Disease.
Maci Wingard, University of Nebraska at Kearney

PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side B
Analyzing Data Rate Limitations of CMS's Hardware
Anthony McIntyre, San Jacinto College Honors Program

Student Recreation and Activity Center - Kiosk 28 Side C
Effects on Laser Data Transmission When Propagated Through Water
Kevin Bromberger, Virginia Military Institute
Student Recreation and Activity Center - Kiosk 29 Side A
Mining Big Data Over the Entire Infrared Sky: Improved Photometric Classification of Infrared Sources Through Machine Learning
Jacqueline Blaum, Iowa State University

Student Recreation and Activity Center - Kiosk 29 Side B
Quantification of Protein Secondary Structure Information as Elucidated by Infrared Spectroscopy
Sarahn Nazaret, Georgia State University

Student Recreation and Activity Center - Kiosk 29 Side C
The Effect of Solar Power on Golf Cart Runtime
Joshua Ballard-Myer, Nick Palmer, Georgia College and State University

POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 36 Side C
Coal Crash Politics: The Decline of the Coal Industry and the Democratic Party in Central Appalachia
Timothy Melton, University of Kentucky

Student Recreation and Activity Center - Kiosk 37 Side A
Health Outcomes and Electoral Data in Central America
Ayah Abdelwahab, University of Georgia

Student Recreation and Activity Center - Kiosk 37 Side B
Racial Bias in Media Reporting of Instances of Domestic Terrorism
Najia Humayun, Sanjana Basker, Georgia Institute of Technology

PSYCHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side C
Assessing Cognitive Function in Parkinson’s Disease Using the Clock Drawing Test
Hemant Srivastava, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 8 Side A
A Meta-Analysis of the PID-5 and Its Gender Differences in Scores
Tina Giel, Adelphi University

Student Recreation and Activity Center - Kiosk 8 Side B
An Examination of the College-Aged Daughter--Mother Relationship
Linnea Moore, College of St Scholastica

Student Recreation and Activity Center - Kiosk 8 Side C
Brain and Psychological Arousal to Fear and Empathy Correlated with Political Choices
Matthew Simpson, Kennesaw State University

Student Recreation and Activity Center - Kiosk 9 Side B
Contribution of Metabotropic Glutamate Group I Receptors to Risky Decision Making
Joy Kappesser, Marissa Chitwood, Haley Day, Karson Evans, Hephzibah Igwe, Amber Miller, Christopher Murray, Tatiana Paradella-Bradley, Brett Torline, Northern Kentucky University

Student Recreation and Activity Center - Kiosk 9 Side C
Depression and Survival Outcomes After Emergency Department Cancer Pain Visits
Haley Ochs, MD Anderson Cancer Center
Student Recreation and Activity Center - Kiosk 10 Side A
Dual-Task Costs of Young Adults vs. Young Children
Jayda Adams, Kennesaw State University

Student Recreation and Activity Center - Kiosk 10 Side B
Effects of Mood on Short-Term Memory
Jane Komen, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 10 Side C
Examining the Factor Structure of Hyperbolic Temperament in a Pregnant Sample
Helen White, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 11 Side A
Exploring the Relationship Between Risk Taking, Casual Sex, and Attitudes Towards Online Dating Applications
Allison Lundy, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 11 Side B
Gender Differences in Parental Disciplinary Strategies for Young Children
Amelia DuBose, Maddie Drives, Georgia College and State University

Student Recreation and Activity Center - Kiosk 11 Side C
Ka Tsun Cheung, Kazuhisa Goto, Chiho Takiya, Ken Nomoto, Musashino University

Student Recreation and Activity Center - Kiosk 12 Side A
Intimacy, Dominance, and Testosterone
Rachel Landry, Robert Vasilkovskii, University of Michigan

Student Recreation and Activity Center - Kiosk 12 Side B
LGBTQ in STEM
Lili Calderon-Moscrip, University of Michigan

Student Recreation and Activity Center - Kiosk 12 Side C
Peer Victimization in Adolescence Is Negatively Associated with Brain Volume in a Subsample of Post-Institutionalized Youth
Garrett Schwartz, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 13 Side A
Prescription Stimulant Misuse Is Associated with Alcohol-Related Academic Consequences Among College Students
Jacqueline Ziegman, Miami University

Student Recreation and Activity Center - Kiosk 13 Side B
Race As An Adverse Childhood Experience
Serena Bradshaw, Florida State University

Student Recreation and Activity Center - Kiosk 13 Side C
Relaxation Techniques and Public Speaking Anxiety
Jordan Hoffman, Michaela Odian, Belmont University

Student Recreation and Activity Center - Kiosk 14 Side A
Sexual Assault and the Risk of Developing an Eating Disorder Among College Women
Jessica Cefalo, Miami University

Student Recreation and Activity Center - Kiosk 14 Side B

Student Recreation and Activity Center - Kiosk 14 Side C
STUDENT POSTER SESSION 2 - THU 1:00PM-2:00PM

Student Recreation and Activity Center - Kiosk 15 Side A
Stigmas That Prevent Seeking Care: Abstract
Mekensie Therrien, Lander University

Student Recreation and Activity Center - Kiosk 15 Side B
The Analgesic Effects of Methadone in the Presence and Absence of Acetaminophen
Joshua Wrightson, Westminster College

Student Recreation and Activity Center - Kiosk 16 Side A
The Effects of Stress and Recreational Drug Use on Working Memory
Jasmine Cho, Carlow University

Student Recreation and Activity Center - Kiosk 16 Side B
The Intergroup Sensitivity Effect Among Racial Groups: A Community Sample
Brooke Cassanova, CaSaundra White, Kennesaw State University

Student Recreation and Activity Center - Kiosk 16 Side C
The Road to Burnout: Dispositional and Situational Factors Affecting Teacher Self-Efficacy, Job-Related Stress, and Occupational Burnout
Jessica Smith, Kennesaw State University

Student Recreation and Activity Center - Kiosk 17 Side A
Understanding Virality in a Small World
Ian Brugman, North Central College

Student Recreation and Activity Center - Kiosk 17 Side B
Which Would You Decide, Pink or Blue? A Study on The Conformity of Humans to Gender Labels
Madison Rader, Katreia Toran, Emily Thorsen, Chattanooga State Technical Community College

Student Recreation and Activity Center - Kiosk 69 Side B
The Ability of Neurocognitive Functioning to Predict Cardiovascular Activity
Katrina Jackson, Virginia State University

Student Recreation and Activity Center - Kiosk 69 Side C
“Color Changing Memory”
Annie Emert, Brescia University

SOCIAL WORK & HUMAN SERVICES

Student Recreation and Activity Center - Kiosk 19 Side B
Assessing California’s Paid Family Leave Through a Family Impact Lens
Aarica Humke, Elizabeth Ludowese, Holly Kimball, Skye Mucha, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 19 Side C
Human Trafficking Awareness
Molly McGinty, Salisbury University

Student Recreation and Activity Center - Kiosk 20 Side A
Texas College Students Perceptions of Family Services
Megan Gross, Annamayil Manohar, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 22 Side A
The Relationship Between Child and Youth Care Work and Christian Youth Ministry; Finding My Identity as a Youth Worker Through Autoethnography
Madison Watson, Kennesaw State University
SOCILOGY
Student Recreation and Activity Center - Kiosk 17 Side C
An Evaluation and Comparison of Access to Dental Care Among the General Population and Special Populations in the US
Elizabeth Kay, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 18 Side A
Education Systems Role in Minority Success
Emerald Power, Siena College

Student Recreation and Activity Center - Kiosk 18 Side B
Living Black In the Field of Brown
Nonzenzele Aldonza, Kaline Leke, Rochelle Mulondo, Manuel Leon, University of California - Merced

Student Recreation and Activity Center - Kiosk 18 Side C
Stress Management Classes for Uninsured Free Clinic Patients in the United States
Rebecca Higham, University of Utah

STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side A
Addressing Threats to Human Security in Guinea Bissau
Rachel Langkau, Kamran Sadiq, Kennesaw State University

Student Recreation and Activity Center - Kiosk 40 Side B
Genetic Diversity in the African American Community of Charleston, South Carolina
Adeyemi Oduwole, College of Charleston

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN
Student Recreation and Activity Center - Kiosk 68 Side A
Architecture and Surrealism
Jesse Halverson, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side B
Mixed Reality and Architecture: Altering the Perception of Space to Enable Social Interaction
Corey Jones, Kennesaw State University

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side B
A Look at Judy Chicago's Dinner Party Through the Eyes of the Me Too Movement
Madalyn Amos, Columbus State University

Student Recreation and Activity Center - Kiosk 66 Side C
Female Empowerment: Representation of the Kingdom of Women Through the Works of Qiu Ying
Laurie Kinney, University of Central Oklahoma
Student Recreation and Activity Center - Kiosk 67 Side A
Street Art in Spain
Shelby Clement, Tennessee Technological University

BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side C
Biochemical Characterization of a Putative Formamidase from Rhizobium leguminosarum bv. viciae 3841
Madison Bygd, Hamline University

Student Recreation and Activity Center - Kiosk 57 Side A
Cis-Acting Sequences Requirements for DNA Uptake at Pyrococcus furiosus CRISPR Loci
Landon Clark, University of Georgia

Student Recreation and Activity Center - Kiosk 57 Side B
Electronegative Clusters Play an Important Role in the Stability of Proteins
Kenneth Davis, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 57 Side C
Fluorescent Calorimetry: Monitoring Heat Flow in Biochemical Reactions Using Rhodamine B
Matt Krall, Salisbury University

Student Recreation and Activity Center - Kiosk 58 Side A
In-Microbe Analysis of NDP-sugars Via LC-MS
Anson Dao, University of Georgia

Student Recreation and Activity Center - Kiosk 58 Side C
Protein Expression and Purification of 2 Bacteriophage Repressor Proteins
Brandon Stamey, Hannah Miller, Reliza McGinnis, Western Carolina University

Student Recreation and Activity Center - Kiosk 59 Side A
Structural Analysis and Modeling of NpmA, a Methyltransferase That Confers Classwide Resistance to Aminoglycoside Antibiotics
Ashley Robinson, Hamline University

BIOLOGY
Student Recreation and Activity Center - Kiosk 41 Side C
A Method for Quantifying Zooplankton Trapped on the Surface of Lakes and Wetlands
Anthony Albarca, Kennesaw State University

Student Recreation and Activity Center - Kiosk 42 Side A
Alternative Splicing During Adipocyte Differentiation
Peter Giangrasso, State University of New York- Brockport

Student Recreation and Activity Center - Kiosk 42 Side B
Analysis of Variation in Survival of Drosophila Exposed to Tetrodotoxin
Madelaine Rangel, Cornell University

Student Recreation and Activity Center - Kiosk 43 Side A
Bacteriophage and Their Prey in Chicagoland Area Waterways
Abigail Lammers, Casey Wiegers, Trinity Christian College

Student Recreation and Activity Center - Kiosk 43 Side B
Can NMDA Receptor Antagonists Regulate Ras-GTP in Cancer?
Johanna Riera, New Jersey City University

Student Recreation and Activity Center - Kiosk 43 Side C
Characterization of Insulin-like Growth Factor 1 (Igf1) Protein Levels in a Mouse Model That Over Expresses Igf1
Anjola Onadipe, Minnesota State University, Mankato
Student Recreation and Activity Center - Kiosk 44 Side A
Comparative Bioinformatics of Phages Infecting the Host Corynebacterium
Kelly Kim, Hrithik Praveen, Dylan Slemons, Sarah Perritt, McKinley Williams, Denise Monti, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 44 Side B
Copper Stimulated Antibiotic Producing and Resistant Bacteria in Wisconsin Soil Samples
Jake Woodruff, Savannah Brauer, University of Wisconsin - River Falls

Student Recreation and Activity Center - Kiosk 44 Side C
Description and Spectrographic Analysis of Chatter: A Novel Vocalization in Northern Mockingbirds
Brishauna Brown, Guilford College

Student Recreation and Activity Center - Kiosk 45 Side A
Determining the Optimal Growth Of Several Mushroom Varieties on Regional Agricultural Wastes
Adriana Caldwell, Kennesaw State University

Student Recreation and Activity Center - Kiosk 45 Side B
Divergent Gene Expression of Hoxb3b in Teleost Fishes Is Due to Divergence of Upstream Cis-Regulatory Elements
Erin Povolny, University of North Georgia

Student Recreation and Activity Center - Kiosk 45 Side C
Effect of Plant Growth Regulator (BAP) on Lead (Pb) Phytoextraction by Switchgrass
Danielle Wright, Kennesaw State University

Student Recreation and Activity Center - Kiosk 46 Side A
Effects of Exposure to a Psychoactive Drug on Behaviors in an Insect Model System
Solidad Nwakibu, Tiana Richards, Spelman College

Student Recreation and Activity Center - Kiosk 47 Side A
Exploring Ancient Medicine: The Potential of Homeopathic Treatments in Suppressing Inflammatory Gene Expression in Post-injury Zebrafish
Léonie Dupuis, Mina Motakhaveri, University of West Florida

Student Recreation and Activity Center - Kiosk 47 Side B
Finding the Brugia malayi DAF-16 Target Genes
Johnna Dykstra, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 47 Side C
Global Demethylation Attenuates Glutaminase and Nerve Growth Factor in Tnbs-induced Colitis
Christy Eslinger, Oklahoma State University

Student Recreation and Activity Center - Kiosk 48 Side A
Hormone Levels and the Bystander Effect in Betta splendens Using Video Stimuli
Morgan Fons, Clara Madley, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 48 Side B
Identification of Anti-fungal Probiotics from Amphibian Skin Microbiome to Mitigate the Effects of Chytridiomycosis
Magdalene Lederer, Liberty University
STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

Student Recreation and Activity Center - Kiosk 49 Side A
Inhibition of Neurite Outgrowth Upon Acute Exposure to Chlorpyrifos
Carson Powell, Dr. Melinda Pomeroy-Black, Lagrange College

Student Recreation and Activity Center - Kiosk 49 Side B
Investigating the Effect of Neurotransmitter Mutations on C. elegans Whole-brain Dynamics
Yueyi Li, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 49 Side C
Investigations into Cardiomyocyte Cohesion
Colton Calvert, Southern Nazarene University

Student Recreation and Activity Center - Kiosk 50 Side A
Lean Gestational Diabetes Mellitus Impacts Ovarian Gap Junction Protein Expression
Avery Korns, Iowa State University

Student Recreation and Activity Center - Kiosk 50 Side B
Mechanisms of Multicellular Interactions in Pseudomonas fluorescens
John Mauro Gloninger, Duquesne University

Student Recreation and Activity Center - Kiosk 51 Side A
Neuroanatomical Analysis of Hypothalamic Populations That Co-express Tyrosine Hydroxylase and the Vesicular GABA Transporter
Kayla Schumacker, Carleton University

Student Recreation and Activity Center - Kiosk 51 Side B
P75NTR Is Necessary for the Activation of AgRP Neurons to Regulate Feeding Behavior
Dove-Anna Johnson, University of Virginia

Student Recreation and Activity Center - Kiosk 51 Side C
PI3K Subunits in the Rat Supraoptic Nucleus
Emily Weidner, Victoria Ihry, Austin Grove, Munir Isahak, Concordia College - Moorhead

Student Recreation and Activity Center - Kiosk 52 Side A
Prevalence of Fiber “Holes” Lacking Mitochondria in Gastrocnemius Muscle from Patients with Peripheral Artery Disease (PAD)
Madelynn Owens, Robert Sufit, Mary McDermott, Charlotte Peterson, University of Kentucky

Student Recreation and Activity Center - Kiosk 52 Side B
Rainfall as a Mechanism Driving Seasonality in Parasite Abundance
Caroline Shearer, University of Georgia

Student Recreation and Activity Center - Kiosk 52 Side C
Role of Adipose Derived Hypertensive Hormone Angiotensin II in Breast Cancer Cell Metabolism
Arelys Hernandez, Texas Tech University

Student Recreation and Activity Center - Kiosk 53 Side A
Studying Mechanisms of Protein Sorting in the Nucleus
Luis Torres Rodriguez, Kennesaw State University

Student Recreation and Activity Center - Kiosk 53 Side B
The Basic-helix-loop-helix (bHLH) Transcription Factor Cnd-1 Controls the Expression of the Homeobox Transcription Factor Ceh-5
Trae Dunn, Kennesaw State University
STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Agkistrodon piscivorous leucostoma Venom on Bovine Muscle Tissue by Protein Analysis Using SDS-PAGE
Luke Dixon, Anthony Cruz, Ivory Lowe, Tarrant County College District

Student Recreation and Activity Center - Kiosk 54 Side C
The Effects of Zinc Toxicity on Germination, Survival, and Growth of Grass Seed
Christopher Sorich, Moravian College

Student Recreation and Activity Center - Kiosk 55 Side A
The Mutualism-parasitism Continuum of Arbuscular Mycorrhizal Fungi with Big Bluestem (Andropogon gerardii)
Nathan Vihnanek, North Central College

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of HSP90 in Regulating Photoreceptor Regeneration in the Injured Zebrafish Retina
Verdion Martina, University of West Florida

Student Recreation and Activity Center - Kiosk 56 Side A
Urban Bites - Mosquito Distribution in a Midsize City
Christopher Kositzke, University of Kentucky

Student Recreation and Activity Center - Kiosk 56 Side B
Visualizing Connectivity of Ecological and Evolutionary Concepts – An Exploration of Research on Species Rarity
Thomas Wiegand, Braley Gentry, University of Tennessee at Chattanooga

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side B
Cross-Cultural Business in China: Navigating Interactions and Managing Diversity as a Foreign Manager
Karla Dana, Long Island University

Student Recreation and Activity Center - Kiosk 20 Side C
Paytm's Global Expansion: Digitizing Payments in Canada
Nicolette Rumph, Nicolette Rumph, Kennesaw State University

Student Recreation and Activity Center - Kiosk 21 Side A
The Financial Valuation of Collegiate Athletics: How Does a Successful Season and Gender of the Sport Impact Financial Donations?
Natalie Falacara, Elon University

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side C
Antioxidant Activity of Herbs, Spices, Vegetables, and Dietary Supplements
Alexandra Apostu, Princess Williams, University of West Georgia

Student Recreation and Activity Center - Kiosk 60 Side A
Design and Development of a Microemulsion Platform for Resveratrol, a Natural Anti-inflammatory Compound
Allison Kachel, Michele Herneisey, Duquesne University

Student Recreation and Activity Center - Kiosk 60 Side B
E8 Dispersion
Samuel Leonard, Iowa State University
Student Recreation and Activity Center - Kiosk 60 Side C
Flipping the General Chemistry Laboratory Lecture: Increasing Student Engagement by Enhancing Self-directed Learning
Katrina Idarraga, Hannah Nennig, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 61 Side A
Immobilized Composite Materials Containing MOF, Metal Oxide and Plasmonic Nanoparticles: Self-detoxification and Photocatalytic Self-cleaning
Anna Akins, Kennesaw State University

Student Recreation and Activity Center - Kiosk 61 Side B
Iodo-Hydration
Nyochembeng Nkengbeza, Georgia Southern University

Student Recreation and Activity Center - Kiosk 62 Side A
Salt Melt Synthesis of Transition Metal Silicide Nanoparticles
Erin Hammonds, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 62 Side B
Studying the Smart Properties of mPEG-block-PDMAEMA with Varying Compositions Using Interfacial Tension
Megan Hottmann, Kendra Berry, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 62 Side C
Synthesis and Utilization of New Sulfonium Salt Photoinitiators
Megan Prien, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 63 Side A
Synthesis of Terminal Dialkyne and Trialkyne Linkers
Tomiwa Oderinde, Ann Irvin, Myah Lanier, Georgia College and State University

Student Recreation and Activity Center - Kiosk 63 Side B
The Use of Long-Wavelength Light to Control Active Chemotherapy Drug Release
Colter Sheveland, Norwich University

Student Recreation and Activity Center - Kiosk 63 Side C
Using Green Chemistry to Produce Supported Iron Nanoparticles from Oak Leaf Extracts and Biochar
Natalie Kerr, University of Illinois at Springfield

COMMUNICATIONS
Student Recreation and Activity Center - Kiosk 67 Side C
Join Our Team: How Sports Organizations Handle Fan Satisfaction on Twitter
Larry Lock, George Mason University

COMPUTER SCIENCE
Student Recreation and Activity Center - Kiosk 30 Side A
A Machine Learning Model and Training Dataset for Detecting Lionfish
Jason Kollars, Georgia Southern University

Student Recreation and Activity Center - Kiosk 30 Side B
Automated Microsoft Office Macro Malware Detection Using Machine Learning
Ruth Bearden, Kennesaw State University
Student Recreation and Activity Center - Kiosk 30 Side C
Developing A Comprehensive Tool to Support Requirements Analyst During Elicitation Interviews
Norah Jean-Charles, Kennesaw State University

Student Recreation and Activity Center - Kiosk 31 Side A
Gallerie: A Solution to the Museum Headache
Jonathan Masters, Georgia College and State University

Student Recreation and Activity Center - Kiosk 31 Side B
Mobile Application Design Research to Improve Quality of Work for Taxi Drivers
Claire Crowe, Georgia College and State University

Student Recreation and Activity Center - Kiosk 31 Side C
Security Schemes for Defending Attacks on an Internet of Things System
Phoebe Miller, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 32 Side A
Using Sentiment Analysis on Users’ Opinions of Video Games
Dylan Jech, Minnesota State University, Mankato

CRIMINOLOGY/CRIMINAL JUSTICE
Student Recreation and Activity Center - Kiosk 32 Side A
Does Legal Counsel at a First Appearance Court Session Really Matter?
Chasey Davis, Western Carolina University

Student Recreation and Activity Center - Kiosk 33 Side A
HAND: Rating Holistic Quality of Narratives by Typically Developing Children Ages 8-15
Cecily Froerer, Amy Siler, Natalie Green, Sarai Holbrook, Utah State University

STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

Student Recreation and Activity Center - Kiosk 30 Side C
Student Suggestions for Decreasing Sexual Assault on Campus: Communication, Awareness and Reporting
Samantha Griffin, Western Carolina University

DIVERSITY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side B
African American Portrayal in Pop Culture and Media
Delicia James, Christopher Scott, Fort Valley State University

ECONOMICS
Student Recreation and Activity Center - Kiosk 21 Side B
Assessing the Demographic Differences in Health Benefits Resulting from Alcohol Tax Increases
John Maddock, Carthage College

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side C
Determining Student-Athlete’s Motivation Towards Their Athletic and Academic Success
Olivia Schiffner, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 33 Side B
Playing with Legos
Candacie Thomas, University of West Georgia
STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

Student Recreation and Activity Center - Kiosk 33 Side C
Self Efficacy Assessments of Child-Parent Dyads After Participating in an Online Oral Health Literacy Curriculum
Abby Witter, Miami University

Student Recreation and Activity Center - Kiosk 34 Side A
The Importance of Using Data to Drive Instruction
Katelynn Hogan, Victoria Walker, Texas Woman’s University

ENGINEERING
Student Recreation and Activity Center - Kiosk 22 Side B
Automated Control System For Photo-Bioreactor
Madankrishna Acharya, Kentucky State University

Student Recreation and Activity Center - Kiosk 22 Side C
Characterizing the Growth Kinetics of Unique Methanotrophs
Mary Burr, Montana State University Bozeman

Student Recreation and Activity Center - Kiosk 23 Side B
Diffusion Tensor Imaging of Huntington’s Disease in Sheep at 3T MRI
Erin Batcho, Auburn University

Student Recreation and Activity Center - Kiosk 23 Side C
Effects of Fe Content on Nucleation During Crystallization of Amorphous Al92Sm8 Using Flash Differential Scanning Calorimetry
Jordan Sosa, University of Tulsa

Student Recreation and Activity Center - Kiosk 24 Side A
Extraction of Rare Earths from Coal Fly Ash by Microwave-Assisted Technology
Daniel Baker, West Virginia University

Student Recreation and Activity Center - Kiosk 24 Side B
Identifying Key Components of Extracellular Matrix in Vascularized Skeletal Muscle Tissues
Patricia Garcia, Florida International University

Student Recreation and Activity Center - Kiosk 24 Side C
Investigation of Concrete for 3-D Printing
Rosalba Huerta, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 25 Side A
Measuring The Glass Transition Temperatures of Fullerene Derivatives
Allison Brandvold, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 25 Side B
Motion Sickness Mitigation to Direct the Design of Automated Vehicles
Kagan Conrad, University of Michigan

Student Recreation and Activity Center - Kiosk 25 Side C
Overcoming Challenges in Chronic Implantation of Tetrode Drives in the Rodent Motor Cortex
Mia Paletta, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 26 Side A
Real-world Applications of Connected Vehicle Technologies - A Literature Review
Danica Roberts, Brooklyn Harper, Maylon Ellington, Kennesaw State University

Student Recreation and Activity Center - Kiosk 26 Side C
The Effects of Leaching on High Internal Phase Emulsion Foams
Kaitlyn Grady, University of Alabama
STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

Student Recreation and Activity Center - Kiosk 27 Side A
Unveiling the Clock Frequency of an Unknown Device for Electromagnetic Side Channel Analysis and Attacks
Vijay Prasad, Nathan Jenkins, Maria Saito, Baki Yilmaz, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 69 Side A
The Viability of Different Materials for Use in Fog Harvesting Applications
Danh Nguyen, Osvaldo Perez, San Jacinto College Honors Program

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 64 Side A
Assessing the Effect of Temperature on Seed Dormancy and Germination Rates of Native Plants from Georgia
Marina Williams, Christine Mutiti, Georgia College and State University

Student Recreation and Activity Center - Kiosk 64 Side C
Evaluation of a Low-Cost Sensor to Detect Ambient Particles
Ryan Carter, Susquehanna University

Student Recreation and Activity Center - Kiosk 65 Side A
Insect Community Complexity in Restored Grasslands
Marcy Delos, George Mason University

Student Recreation and Activity Center - Kiosk 65 Side B
Owls in Myth and Culture
Julia Mello, Roanoke College

Student Recreation and Activity Center - Kiosk 65 Side C
Say Cheese: Utilization of Trail Cameras Brings New Monitoring Techniques to Endangered Shorebird Recovery on Ormond Beach
Kaitlyn O'Dea, Jason Suddith, Cassandra Rodgers, California State University - Channel Islands

Student Recreation and Activity Center - Kiosk 66 Side A
The More You Pollute, the More You Lose! The Impact of Environmental Accounting on the Measurement of Wealth in Petroleum Firms, 1990 to Current
Jasim Sukhera, University of West Florida

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side A
"H.I.I.T." the Ground Running
Aaron Steele, University of West Florida

Student Recreation and Activity Center - Kiosk 5 Side B
Effect of Eight Weeks of Impact Versus Low-impact HIIT Group Exercise on Body Composition
Heather Gagnon, Kennesaw State University

Student Recreation and Activity Center - Kiosk 5 Side C
Effects of Muscle Energy Technique vs. Dry Cupping Therapy for Increasing Glenohumeral Joint Range of Motion in Overhead Throwing Athletes
Rachel Swichtenberg, Mitchell Leopold, Kayla Crockett, Amanda Rosenwald, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 6 Side A
Knowledge and Attitudes of Chronic Traumatic Encephalopathy in Division III Collegiate Athletes
Grant Slovin, Madison Kopjo, Patrick Augustyn, North Central College
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<td>Domestic Exchange Across the Midwest. The Spelman-North Central Story</td>
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<td>To Stress or Not to Stress: The Relationship Between Perceived Stress and Cholesterol</td>
<td>The Enslaved Children of George Mason</td>
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<td>Cara Daniels, Constance Haynes, University of Central Oklahoma</td>
<td>Alexis Bracey, Ayman Fatima, Farhaj Murshed, George Mason University</td>
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<td>Regional Variation in Childhood Malnutrition Associated with Staple Food Consumption: Evidence from Uganda</td>
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<td>An Analysis of Tornadoes Spawned by Land-falling Hurricanes</td>
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STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
A Simple Agent-Based Model of Dengue Fever Transmission Incorporating Wolbachia
Morgan Ferguson, Elon University

Student Recreation and Activity Center - Kiosk 27 Side C
Homologies of Grassmannians Via Exit-Path Categories
Scotty Tilton, Mark Poston, Montana State University Bozeman

Student Recreation and Activity Center - Kiosk 28 Side A
The Relationship of Delivery Method, Birth Weight and Race on Infant Mortality
Anjie Adeyemo, Kennesaw State University

Student Recreation and Activity Center - Kiosk 28 Side C

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side A
A Chemical Evaluation of a Community Near the Perimeter of an EPA’s Toxic Filled Ditch
Maya Stokes, Fort Valley State University

Student Recreation and Activity Center - Kiosk 1 Side B
Assessing the Comfort of Nursing Students Before and After Viewing Picture Cards During Simulation Education
Isabel Holland, University of West Florida

Student Recreation and Activity Center - Kiosk 1 Side C
Charcool??
Leena Balicat, Olivia Bambino, Westmoreland County Community College

Student Recreation and Activity Center - Kiosk 2 Side A
Development of a Self-Collection Screening Method to Identify Vancomycin-Resistant Enterococci Colonization
Noelle Fleury, University of Michigan

Student Recreation and Activity Center - Kiosk 2 Side B
Emergency Simulation Trainings on Obstetric Floors
Emily Pauley, The University of Virginia’s College at Wise

Student Recreation and Activity Center - Kiosk 2 Side C
Exploring the Relationship Between Quality of Life and Disease Experience in People with Highly Heritable Cardiac Diseases
John Michael Purdon, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 3 Side A
Impact of Maternal Obesity on Pregnancy, Birth, and Infant Outcomes
Adrianna Smith, Toluope Akande, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 3 Side B
Locations of Pain in Postmenopausal Women Treated for Breast Cancer
Valerie OLoughlin, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 3 Side C
Perceptions and Self-Reported Sexual Health and STI Testing Behaviors Amongst College Students
Emily Giuffre, University of West Florida
Student Recreation and Activity Center - Kiosk 4 Side A
Respiratory Viruses in Pediatric Emergency Room Patients and Their Family Members
Nelsa Matienzo, City University of New York- John Jay College of Criminal Justice

Student Recreation and Activity Center - Kiosk 4 Side B
The Cost of Chronic Obstructive Pulmonary Disease (COPD) in Compliant versus Non-Compliant Patients
Kimberly Stephens Rudd, University of West Florida

Student Recreation and Activity Center - Kiosk 4 Side C
The Lived Experience of Nursing Students Immersed in the Inupiaq Culture
Laura Wilberts, Ann Dornon, Gustavus Adolphus College

PHILOSOPHY, ETHICS, & RELIGIOUS STUDIES
Student Recreation and Activity Center - Kiosk 19 Side A
Ethical Challenges Faced by Community Health Workers in Clinical Research: A Review of Cases and the Literature
Wendy Jiang, University of Alabama at Birmingham

PHYSICAL/OCCUPATIONAL THERAPY & SPEECH LANGUAGE PATHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side A
Exploring the Graduate Curriculum and Speech-language Pathology Supervisors’ Perceptions of Graduate Students’ Readiness for Dysphagia Practice in Clinical Settings
Kaitlyn Bouchillon, Arielle Wesselmann, University of West Georgia

Student Recreation and Activity Center - Kiosk 7 Side B
The Effect of Motor State on Intracortical Circuits in the Human Brain After Stroke
Maria Krakovski, Georgia Institute of Technology

PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side B
Basic Physics of Proton Therapy
Thi Kieu Nga Vu, Minh Hien Huynh, Linda Jimenez, San Jacinto College

Student Recreation and Activity Center - Kiosk 28 Side C
Empirical Modeling of Solar Wind
Sky Chen, University of Michigan

Student Recreation and Activity Center - Kiosk 29 Side A
Model Geyser vs Natural Geysers
Kirsten Ruffert, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 29 Side C
The Horizontal Magnetic Field and Confinement Effect of Iron Oxide in Free Diffusion
Patrick Simonson, College of Charleston

POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 36 Side C
Darfur Genocide: History of Conflict and Marginalization in Sudan and the Dereliction of the International Response
Abdulrazik Mohammed, Eastern Washington University

Student Recreation and Activity Center - Kiosk 37 Side B
Red in a Sea of Blue: An Analysis of Conservative Thinkers in Los Angeles
Alden Lundy, Jayna Ortiz, Loyola Marymount University
STUDENT POSTER SESSION 3 - THU 2:15PM-3:15PM

Student Recreation and Activity Center - Kiosk 37 Side C
When Universities Can't Follow Rules: Title IX Non-Compliance
Kim Jacks, Susquehanna University

Student Recreation and Activity Center - Kiosk 7 Side C
Child- and School-Level Predictors of School Mobility in Middle School Students
Enya Calibuso, George Mason University

PSYCHOLOGY

Student Recreation and Activity Center - Kiosk 8 Side A
A Mind Only a Mother Could Love? The Effects of Mental Illness on Black Men's Romantic and Familial Relationships
Vanasjza Casey, Kennesaw State University

Student Recreation and Activity Center - Kiosk 8 Side B
An Examination of the Influence of Family Medical History and Eating Habits on College Students Quality of Life
Shakeiya Culzac, Asha Browne, Virginia State University

Student Recreation and Activity Center - Kiosk 8 Side C
Buffering Against Dehumanization: Do the Demographics of Neighborhoods Protect Against Internalized Bias?
Chloe Turner, Aaliyah Watts, Kennesaw State University

Student Recreation and Activity Center - Kiosk 9 Side A
College Students' Electronics and Social Media Use: The Impact of Nature Exposure and Physical Activity
Hannah Wilson, Maryville College

Student Recreation and Activity Center - Kiosk 9 Side B
Coping Strategies as Predictors of Emotional Well-Being in Anxious Solitary Adolescents
Colton Collins, The University of Virginia's College at Wise

Student Recreation and Activity Center - Kiosk 9 Side C
Depression Symptoms Are Associated with EEG Alpha Power in College Students
Amanda Bruscemi, Morgan Sabatini, Slippery Rock University

Student Recreation and Activity Center - Kiosk 10 Side A
Dysfunctional DACC Network Profiles in OCD During Working Memory and Motor Control
Thomas Meram, Thomas Meram, Wayne State University

Student Recreation and Activity Center - Kiosk 10 Side B
Effects of Social Context on Physiological Arousal During Risky Decision-making
Landon Kessler, Adelphi University

Student Recreation and Activity Center - Kiosk 11 Side B
Gender Differences in Pupillometry
Jacob Duncan, Kelsey Gaskins, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 11 Side C
How Do Adults Maximize Their Memory Capacity Through Repeated Study in Comparison to Adolescents and Children?
Mina Spryszak, University of Detroit Mercy
Student Recreation and Activity Center - Kiosk 12 Side A
Investigating Attitudes Towards Same-Sex Parenting
Carly Perez, Adam Standridge, Erin Lamb, Joseph Seim, College of Coastal Georgia

Student Recreation and Activity Center - Kiosk 12 Side B
It's Not Having Sex When I Do It, But It Is When You Do It with Someone Else
Kaelyn Ireland, Kennesaw State University

Student Recreation and Activity Center - Kiosk 12 Side C
Lie Detection in Interviews
Danielle Curtis, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 13 Side A
Mind Reading with Discriminant Function Analysis of the Evoked Response Potential
Lindsey Mckoy, Kennesaw State University

Student Recreation and Activity Center - Kiosk 13 Side B
Perceived Racial Discrimination and Mental Health Risk in a College Sample
Alonso Bonilla, Kennesaw State University

Student Recreation and Activity Center - Kiosk 13 Side C
Problematic Mobile Phone Usage and Its Association with Psychological Consequences
Molly Swinney, Mary Taylor, Jacob Harth, Sarah Maddox, Millsaps College

Student Recreation and Activity Center - Kiosk 14 Side A
Racial and Gender Dissimilarity in the Supervisor-Subordinate Relationship and Its Influence on Organizational Citizenship Behavior
Asia Cooks, Wesleyan College

Student Recreation and Activity Center - Kiosk 14 Side B
Religious Affiliation with College Students
Shayla Fuller, Lagrange College

Student Recreation and Activity Center - Kiosk 15 Side A
Student Motivation to Use Accommodations in College Classes
Julianne Halmo, Westminster College

Student Recreation and Activity Center - Kiosk 15 Side B
The Attitude of Teachers Towards Online Teaching Environments from a Global Perspective
kai wang, Maryville College

Student Recreation and Activity Center - Kiosk 15 Side C
The Effects of Dental Amalgam Fillings and Fish Preparation on Cardiovascular Activity
Camryn Miller, Montel Williams, Virginia State University

Student Recreation and Activity Center - Kiosk 16 Side C
The Role of Empathy in Strengthening Children's Connection with Nature
Lexi Bird, Viterbo University

Student Recreation and Activity Center - Kiosk 17 Side B
Will You Still Love Me Tomorrow? Factors That Predict Social Instability in Pair-Housed Rhesus Macaques (Macaca Mulatta)
Perrin Smith, Melissa Truelove, Mollie Bloomsmith, Jaime Perlman, Kennesaw State University
SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 19 Side B
Barriers to Child Maltreatment Reporting: Results from A Pilot Study in a Financially-Disadvantaged Town
Marangely Diaz-Ortiz, Jimarie Morales, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 19 Side C
iAct Student Led Active Bystander Program
Adrienne Hayes, Elon University

Student Recreation and Activity Center - Kiosk 20 Side A
The Development and Implementation of a Strengths Based Assessment Protocol for Use with Racially Minoritized Youth
Delaney Marcon, Jason Yang, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 70 Side A
Childhood Trauma Among College Students
Taylor Murphy, Cristina Munoz, Shontay Tatum, Morelle McIntyre, Midwestern State University

ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side A
Anthropological Dental Analysis Including the Use of Tooth Surfaces as a Tool: The 2018 Excavation of the Aposelemis Neolithic Burial Site in Crete, Greece
Brianna Delzell, Panayotis Agelarakis, Adelphi University

Student Recreation and Activity Center - Kiosk 40 Side B
Investigating the Difference in pXRF Procedural Methods on the Accuracy of Pigment Analysis
Katherine Brown, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 40 Side C
The Effects of Cultural and Environmental Change on Andean Healing
Ann Meyer-Rasmussen, University of Alabama

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side B
A Modern Critique for an Ancient Manuscript
Lakrisha Berry, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 66 Side C
Fetishes: Stigma or Something Else
Kara Alston, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 67 Side A
The Cultural Significance of Masks in 17th Century Venice, Italy, and 18th Century Chokwe Society, Angola
Cierra Vaughn, University of Central Oklahoma
BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side C
Biological Characterization of a Novel Bioactive Glass
Peyton Butler, Kidae Kim, Diane Patterson, Andrew Duenas, Mohamed Odeh, Kennesaw State University

Student Recreation and Activity Center - Kiosk 57 Side C
Elucidating the Effect of Known Magnetic Field Exposure on Germination and Plant Growth of Blue Lake Bunch Beans and Clemson Spineless Okra
William Burks, IV, Talladega College

Student Recreation and Activity Center - Kiosk 57 Side C
FTIR Spectroscopy Indicates Deformations in Beta Sheet Structure Facilitate Antimicrobial Activity in a Series of Peptides
Samantha Coffler, Hamline University

Student Recreation and Activity Center - Kiosk 58 Side B
Molecular Phylogeny of Two Distinct Type-IV CRISPR-associated (Cas) Proteins
Matt Armbrust, Utah State University

Student Recreation and Activity Center - Kiosk 59 Side A
Structural and Functional Characterization of Acinetobacter baumannii Superoxide Dismutase B
Anisha Mittal, Fisk University

Student Recreation and Activity Center - Kiosk 59 Side B
Thermodynamics of SczA and Its Interactions with Zn(II) and DNA
Quinesha Williams, Tougaloo College

BIOLOGY
Student Recreation and Activity Center - Kiosk 41 Side C
A Novel Herpes Simplex Virus-Type 1 Glycoprotein C Mutant and Its Effects on Binding Host Heparan Sulfate and Release of Progeny Virions
Hannah Carlin, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 43 Side B
Carbon and Nitrogen Assimilation of Candida auris and Related Species
Kayla Graham, Kennesaw State University

Student Recreation and Activity Center - Kiosk 44 Side A
Comparing Arbuscular Mycorrhizal Fungi Associations in Two Riparian Species, Salix nigra Marshall and Platanus occidentalis L. Using Confocal Microscopy
Taylor Swaggerty, Sarah Andrews, Kennesaw State University

Student Recreation and Activity Center - Kiosk 44 Side B
Corticosterone and Lipopolysaccharide Synergize to Promote Cell Death in Human Epithelial Stem Cells
Riddhi Patel, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 44 Side C
Design and Methodology to Changing Protein Binding Specificity with a Library of Conformationally Diverse Binding Proteins
Kara Tauer, Lydia Fletcher, Katherine Clowes, University of Kentucky

Student Recreation and Activity Center - Kiosk 45 Side A
Developing a More Efficient Method for Generating Knock Out Cell Lines Using CRISPR/Cas9
Hayley Chang, University of Rochester
Diversification of the Ambystoma Tigrinum Species Complex
Angela Jones, University of Kentucky

Effect of Raspberry Ketone on Adipogenesis and Lipolysis in 3T3-L1 Mouse Preadipocytes
Connor Pelletier, Susquehanna University

Effects of Foliar Salicylic Acid Application on Switch Grass Grown in Lead Contaminated Soil
Summer Johnson, Abdullah Saad, Kennesaw State University

Evaluating Biomarkers of Microbial Translocation in HIV
Skye Opsteen, University of Alabama at Birmingham

Exploring Life Cycle Overlap Between Lyme Disease Agent, Borrelia burgdorferi, and the Thirteen-lined Ground Squirrel in Minnesota
Julianna Fernandez, University of Minnesota, Duluth

Fish Bioassessment Of Three Different Ecosystems At The Primmer Outdoor Learning Center
Kristan Rains, Capital University

Glomeruli are Sensitive to Odor Identity and Concentration
Blake Holcomb, University of Oregon

How CD73 Impacts Host Responses to Salmonella in the Intestinal Epithelium
Sage Chase, Montana State University

Identification of Culturable Pathogenic Bacteria from the Siem Reap River, Siem Reap, Cambodia
Claudio Eshun, Bridgewater State University

Imaging the Localization of CAR NK Cells in a Humanized Lupus-Like Mouse Model
Margaret Engelman, Duquesne University

Insulin Stimulation Tightens Cristae Junctions by Inducing Changes in the OPA-1-CHCHD3-Mitofilin Complex
Leo Kazma, University of Iowa

Investigating the Effects of Propolis on Metastatic Behavior of Triple Negative Breast Cancer Cells
Karime Kasti, Hsiao-Man Hsiao-Man, Daniela Farchi, Emory University

Is the Expression of cnd-1 in Caenorhabditis elegans Controlled by Neurogenin?
Jessica Radchuk, Kennesaw State University
STUDENT POSTER SESSION 4 - THU 3:30PM-4:30PM

Student Recreation and Activity Center - Kiosk 50 Side A
Lethal and Sublethal Effects of Chronic Exposure to Insecticide on the Wolf Spider Tigrosa helluo and Pardosa milvina
Maxfield Reed, Sarah Rinaldi, Susquehanna University

Student Recreation and Activity Center - Kiosk 50 Side B
Metabolic Capabilities of Distinct Microbial Mat Communities from Queen’s Laundry Geothermal Feature, Yellowstone National Park
Sarina Mitchell, Abigail Banas, Elmhurst College

Student Recreation and Activity Center - Kiosk 50 Side C
Molecular Characterization of Courtship Behaviors in Fruit Fly Alzheimer’s Model
Leland Earp, Tyla Foster, Daijah Chatman, Coastal Carolina University

Student Recreation and Activity Center - Kiosk 51 Side A
Neurodegeneration in Fragile X Tremor Ataxia Syndrome
Hannah Mackay, University of Michigan

Student Recreation and Activity Center - Kiosk 51 Side B
Pathological Alteration of Blood-brain-barrier in Blast-Induced Neurotrauma
My Hoang, Earlham College

Student Recreation and Activity Center - Kiosk 51 Side C
Plasticity of Serotonin Receptor Subtype 3 (5HT3) Expression in Human Dental Pulp: A Potential Role in Orofacial Pain
Estefany Montelongo, Sushmitha Ananth, Sukhbir Kaur, Phillip Kramer, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 52 Side A
Probing Conformational Change in Vivo Via Phosphorylation
John Kavanagh, John Sternen, Xavier University

Student Recreation and Activity Center - Kiosk 52 Side B
Real-time Analysis of Subcellular Relocalization of APE1 in Response to Oxidative Stress
Steven Ho, Kennesaw State University

Student Recreation and Activity Center - Kiosk 52 Side C
Role of the Drosophila K+-dependent Na+/Ca2+ Exchanger Nckx30c in Seizures and Neurodegeneration
Harris Bolus, Shu Hui Lye, Emilia Cytron, Stanislava Chtarbanova, University of Alabama

Student Recreation and Activity Center - Kiosk 53 Side A
SIV Nef Vaccine-induced Protection Associated with Increased Follicular to Extrafollicular Ratios of Virus-specific CD8 T Cells in Lymphoid Follicles
Dakota Milianta-Peterson, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 53 Side B
Subclass Composition of IgG Autoantibodies Targeting Apolipoprotein A-I in Mice
Michelle Marti, University of Kentucky

Student Recreation and Activity Center - Kiosk 53 Side C
The Differences in Benthic Macroinvertebrate Communities When a Comparison Is Made Between Multiple Reaches With Special Attention To Man-made Structures
Nathaniel Narvaez, Joliet Jr College
Student Recreation and Activity Center - Kiosk 54 Side A
The Effect of Nicotine on the Reproduction of C. elegans
Meagan Lennon, AnnaLisa Chavez, Lagrange College

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Cannabidiol on Proinflammatory Cytokines and Other Common Anti-Inflammatory Drugs
Jason Roe, Travis Henderson, Ryan Fullmer, Weber State University

Student Recreation and Activity Center - Kiosk 54 Side C
The Emergence of Lentic Aquatic Invertebrate Assemblages in Response to Simulated Climate Change and Community Dynamics
JOHANNA ACKMANN, University of Wisconsin - Parkside

Student Recreation and Activity Center - Kiosk 55 Side A
The Neuroprotective Effects of Curcumin in the Striatal 6-Hydroxydopamine Model of Parkinson’s Disease
Adriana Facchiano, Moravian College

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of Neutrophil Phenotype in Determining the Outcome of Periapical Diseases
Zoe Andrews, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 55 Side C
TorsinA and LAP1 Promote Rearward Nuclear Movement and Centrosome Orientation in Migrating Fibroblasts by Inhibiting LULL1, a Negative Regulator of cdc42 Activation
Rabab ibrahim, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 56 Side A
Use of Cell Penetrating Peptides to Deliver Cargo in C. cohnii
Max Warner, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side C
A Survey of Aquatic Macro- and Micro-invertebrates of Vernal Granite Outcrop Pools in North Georgia
Cruz Mejia-Rodriguez, Brandon Fuller, Ana Guimaraes-Ferreira, University of North Georgia

Student Recreation and Activity Center - Kiosk 69 Side C
Investigation of NF-kB Pathways Following Brain Infection in Drosophila
Lauren Harper, University of Alabama

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side C
Predicting Accounting Misstatements Within the Banking Industry
Tung Phung, University of Alabama in Huntsville

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side C
Aqueous Zinc Ion Storage in Tunnel and Layer Structured Manganese Dioxides
Ethan Ertell, Kennesaw State University

Student Recreation and Activity Center - Kiosk 60 Side A
Design and Synthesis of Non-estrogenic Bisphenol a Mimics from Renewable Feedstocks
Alec Basile, Israel Parish, Liberty University
Student Recreation and Activity Center - Kiosk 60 Side B
Effects of Caffeine on Biophysical Properties of Phosphocholine Membranes
Michael Morales, Iona College

Student Recreation and Activity Center - Kiosk 60 Side C
Fluorescence Sensing of Nitroaromatic Compounds Utilizing Anthracene Based Lanthanide Metal-organic Frameworks
Paris Grady, Clark Atlanta University

Student Recreation and Activity Center - Kiosk 61 Side A
Impact of Land Use on Major Cations and Anions in Stream Water
Holly To, George Mason University

Student Recreation and Activity Center - Kiosk 61 Side B
Linear Cu14 Arrays as Highly Luminescent Blue-Light Emitter
Alvaro Calderon, Nattamai Bhuvanesh, Connor O’Dea, Nimia Zoé Maya, Colin McMillen, Michael Stollenz, Kennesaw State University

Student Recreation and Activity Center - Kiosk 61 Side C
Phytoremediation of Copper and Iron by Water Hyacinth (Eichhornia crassipes) at Varying pH Levels
Maya Shah, Emory University

Student Recreation and Activity Center - Kiosk 62 Side B
Synthesis and Applications of 8-(anisyliodo)quinoline as a Dipolar Catalyst
Garrett Grimm, Penn State- Erie, The Behrend College

Student Recreation and Activity Center - Kiosk 62 Side C
Synthesis of (R)- and (S)-2-Methylproline
Jason Lopez, University of Wisconsin - Oshkosh

Student Recreation and Activity Center - Kiosk 63 Side A
Synthetic Strategies for the Chemical Modification of the Molecular Magnet Cu9X2(cpa)6
Jesse Taylor, University of West Florida

Student Recreation and Activity Center - Kiosk 63 Side B
Towards Localized Surface Plasmon Sensing as an Affordable Multiplex Sensing Platform
Amy Salyards, Xeniah Sillie, University of West Georgia

Student Recreation and Activity Center - Kiosk 63 Side C
Using Solid Phase Extraction to Analyze Dog Urine
Rachel Nickel, University of Wisconsin - Whitewater

COMMUNICATIONS
Student Recreation and Activity Center - Kiosk 67 Side B
Telling the Stories of Trauma Survivors: How Journalists Navigate Interview Relationships in News Reporting
Deirdre Kronschnabel, Elon University

Student Recreation and Activity Center - Kiosk 67 Side C
Look Through Your Cultural Lens: Understanding Hmong Identified Perspectives at Hamline University
Ghaoyeeng Yang, Hamline University

COMPUTER SCIENCE
Student Recreation and Activity Center - Kiosk 30 Side A
A Novel Web-based Interactive Visualization Flow Chart for Academic Course Planning
Evelyn Moran, Jose Rodriguez, Kean University
STUDENT POSTER SESSION 4 - THU 3:30PM-4:30PM

Student Recreation and Activity Center - Kiosk 30 Side B
Automated Segmentation of Pancreas in CT Images
Mohamed Amin, University of Michigan

Student Recreation and Activity Center - Kiosk 30 Side C
Cyber Security Competitions and Information Security Education: Gaps and Transitions on the Way from Novice to Expert
Zachary Courtney, Lindsey Thomas, Adam Vaughan, Moises Balderas, Indiana University Kokomo

Student Recreation and Activity Center - Kiosk 31 Side A
Genetics of Heart Development: Programming Analysis and Middle School Outreach
Trevor Revesz, Justin Knight, Indiana State University

Student Recreation and Activity Center - Kiosk 31 Side C
Smart Transportation: Bridging the Gap in Traffic Information Systems
Philip Kenny, Daniel Henriques, Maximiliano Acosta, Kean University

CRIMINOLOGY/CRIMINAL JUSTICE
Student Recreation and Activity Center - Kiosk 38 Side A
Felony Recidivism and Past-30 Day Opioid Misuse Among Justice-Involved Children
Diane Petit-Bois, University of Florida

Student Recreation and Activity Center - Kiosk 38 Side B
Undergraduate Student's Aberrant Behavior and Crime Risk in Relation to Demographics and Student Organizations
Emma Brink, Georgia College and State University

DIVERSITY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side B
Cultural Competency Within the Healthcare Setting: Impact on Wellness
Eboney Hall, Tyler Hutson, Brandon Curtis, Miranda Griffin, Georgia Southern University

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side B
Beginning Coding with K-5 Learners
Kimberly Roach, Sarah Walker, Maylin Bollefer, Kennesaw State University

Student Recreation and Activity Center - Kiosk 32 Side C
Determining the Difficulty of Math Problems From Surface Linguistic Features
Xin Ju, University of Memphis

Student Recreation and Activity Center - Kiosk 33 Side A
Immersive Simulations Project
Dylan McGuire, University of West Georgia

Student Recreation and Activity Center - Kiosk 33 Side B
Positioning of English Language Learners: The Role of Teachers and Instructional Pedagogy
Valerie Kuhns, Eastern Illinois University

Student Recreation and Activity Center - Kiosk 33 Side C
Spring Standardized State Testing
Shae Preble, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 34 Side A
The Portrayal of Women in STEM: An Educational Literature Study
Sidney Tuttle, Bridgewater State University
STUDENT POSTER SESSION 4 - THU 3:30PM-4:30PM

Student Recreation and Activity Center - Kiosk 69 Side A
Conflict Management Education at Universities in Asian Countries: An Interaction Effect Between High-Context Orientation and Learning Motivation
Chiho Takiya, Ken Nomoto, Ka Tsun Cheung, Kazuhisa Goto, Musashino University

ENGINEERING

Student Recreation and Activity Center - Kiosk 22 Side B
Automated Precipitation Sampler
Joshua Pruitt, Daryl Norwood, Arthur Khalikov, Jacksonville University

Student Recreation and Activity Center - Kiosk 22 Side C
Cloud and IoT Based Renewable Energy Management for Solar Panels MPPT Tracking System
Benjamin Bequette, Indiana State University

Student Recreation and Activity Center - Kiosk 23 Side A
Design of a Drone System for Using Fire-Extinguishing Balls
Sergio Aponte, Diego Diaz Sanchez, Jacksonville University

Student Recreation and Activity Center - Kiosk 23 Side B
Digitization and Analysis of Proton Radiograph Film Data
Krishen Ratnayaka, University of Michigan

Student Recreation and Activity Center - Kiosk 23 Side C
Effects of Shark Caved Fins on Altitude Performance of a High-Powered Rocket
Atharv Datye, Sumayya Syeda, Grisha Bandodkar, Siddharth Manchkanti, San Jose State University

Student Recreation and Activity Center - Kiosk 24 Side A
Fabrication of Kirigami Based Structures for Flexible Electronics Applications
Muriithi-David Kem, West Virginia University

Student Recreation and Activity Center - Kiosk 24 Side B
Impact Event Data Recorder
James Thompson, Christian Nguekeu, Felix Febres, Najim Muhammad, Jordan Gaines, Kennesaw State University

Student Recreation and Activity Center - Kiosk 24 Side C
Investigation of Iron Catalysts for Propylene Epoxidation
Courtney Anderson, University of Alabama in Huntsville

Student Recreation and Activity Center - Kiosk 25 Side A
Mechanical Evaluation of a Novel Biohybrid Material for Heart Valve Applications
Vivian Wang, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 25 Side B
Motorcycle No Fall Over Kickstand
Hunter Merrigan, Zachary Mitchell, Townsend Briggs, Juan Corredor, Martell Reed, Kennesaw State University

Student Recreation and Activity Center - Kiosk 25 Side C
Performance Evaluation of Autorotative Geometries Without Collective Control
Jay Strickland, Kennesaw State University

Student Recreation and Activity Center - Kiosk 26 Side B
Spherical Additive Manufacturing 3D Printing Project
Tyler Rhodes, Matthew Mason, University of Alabama
Student Recreation and Activity Center - Kiosk 26 Side C
The Relationship Between Nitrous Oxide Injection and Fuel Injector Size
Lucas Smith, Utah Valley University

Student Recreation and Activity Center - Kiosk 27 Side A
Using Automated Data Analysis to Monitor Whale Migration Patterns
Jennifer Chinen, Kapi‘olani Community College

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 64 Side A
Assessment of Urban Flood Risks in Atlanta, GA
Kayla Oriyomi, Spelman College

Student Recreation and Activity Center - Kiosk 64 Side B
Effect of Spent Grain and BOD Wastewater on Maize (Zea Mays) Yield and Soil Fertility
Kendra Letch, University of Wisconsin - River Falls

Student Recreation and Activity Center - Kiosk 64 Side C
Evaluation of Different Soil Chelating Agents Used in Lead (Pb) Phytoextraction by Switchgrass
Nick Sbravati, Farah Abaza, Kennesaw State University

Student Recreation and Activity Center - Kiosk 65 Side A
Interactions Between Colletotrichum spp. and Asian Chestnut Gall Wasp on Chestnut
Hannah Hollowell, University of Kentucky

Student Recreation and Activity Center - Kiosk 65 Side B
Phosphorus Removal and Recovery Through Novel Adsorption Technology
Chris Kudlata, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 65 Side C
Sediment and Water Quality of the Otter Creek Watershed
Hannah Veldhuizen, Indiana State University

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side A
The Effects of Positive and Negative Stimuli Conditions on Free Throw Performance of Male and Female Collegiate Basketball Players
Olivia Hass, Gustavus Adolphus College

Student Recreation and Activity Center - Kiosk 5 Side B
Effect of Eight Weeks of Impact Versus Low-impact HIIT Group Exercise on Peak Aerobic Capacity
Anderson Krueger, Kennesaw State University

Student Recreation and Activity Center - Kiosk 6 Side A
Lacrosse Drill Classification for a Collegiate Women’s Lacrosse Team
Kathryn Alphin, Campbell University

Student Recreation and Activity Center - Kiosk 6 Side B
Shoulder Strength Comparison Between Free Weight and Manual Resistance
Troy Ektnitphong, John Krohn, Gustavus Adolphus College

Student Recreation and Activity Center - Kiosk 6 Side C
Validity of Apple Watch Heart Rate Sensor Compared to Polar H10 Heart Rate Monitor
Lorin Weaver, Taylor Wooden, Michelle Hendre, Zachary Hodge, Bryce Cardin, Georgia College and State University
GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side A
Analysis of Acebuches Metabasites from the South Iberian Shear Zone: Mineralogy and Microstructures
Valerie Rubalcava, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 41 Side B
Latinx Immigrant Settlement Patterns Revisited in a Major-Emerging Immigrant Gateway: The Case of Atlanta, Georgia
Jennifer Orlando, Kennesaw State University

HISTORY
Student Recreation and Activity Center - Kiosk 39 Side A
Examining the Influenza Pandemic of 1918–1919 in Lawrence County, Pennsylvania
Dominic Boston, Westminster College

Student Recreation and Activity Center - Kiosk 39 Side B
Onna-Bugeisha “Warrior Women
Beth Anderson, University of Central Oklahoma

INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
An Interdisciplinary Program for Undergraduate Research on Environmental Stewardship on the Chattahoochee River: A Framework
Jacob Harman, Lagrange College

Student Recreation and Activity Center - Kiosk 35 Side A
Feminism in Punk Rock
Bill Clark, Trevecca Nazarene University

Student Recreation and Activity Center - Kiosk 35 Side B
Knowledge and Perspectives on Fetal Alcohol Syndrome in Rural Limpopo, South Africa
Johnda Washington, Angela Caldwell, University of Memphis

Student Recreation and Activity Center - Kiosk 35 Side C
Maia Amellio, Kaylor Meyer, Emory University

LINGUISTICS & WORLD LANGUAGES
Student Recreation and Activity Center - Kiosk 38 Side C
Negation Formation in Lulogooli, A Kenyan Bantu Language
Julie Wechsler, Seaira Lett, Melanie Fabregas, Emory University

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
Analyzing the Effects of Unmet Modeling Conditions on Model Power
Emily Hunsberger, University of Wisconsin - La Crosse

Student Recreation and Activity Center - Kiosk 27 Side C
Metacognitive Studying Strategies and Student Success in General Chemistry
Alkin Huggins, Ren Jian Lee, University of Central Oklahoma
Student Recreation and Activity Center - Kiosk 28 Side A
Utilizing Twitter to Predict Stock Market Trends
Joseph Keating, Elon University

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side B
Association of BMI with Increased Anastomotic Time in Kidney Transplantation
Alva Bethurum, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 1 Side C
Childhood Cancer: School Reintegration
Christina Sawall, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 2 Side A
Dietary Choice and Perceived Stress: The Relationship Between Specific Food Group Consumption and Perceived Stress in Undergraduate Students
Chelsea Lavender, Kennesaw State University

Student Recreation and Activity Center - Kiosk 2 Side B
Engaging Communities Through Schools and Housing to Reduce Teen Smokers in NYC
Tsering Gyakhang, Ithaca College

Student Recreation and Activity Center - Kiosk 3 Side B
Medica-Bed
Sepehr Antoine Rahimi, Salisbury University

Student Recreation and Activity Center - Kiosk 3 Side C
Perceptions of Physical Activity in the Somali Community of the Twin Cities of Minnesota
Sumaya Noor, Fahima Osman, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 4 Side B
The Effects of Cellular Coverage on Patient Survival in the Rural Setting
Emma Hand, Western Carolina University

PHILOSOPHY, ETHICS, & RELIGIOUS STUDIES
Student Recreation and Activity Center - Kiosk 19 Side A
Humanity’s Creation of God
Juvoni’ Lopez, Kennesaw State University

PHYSICAL/OCCUPATIONAL THERAPY & SPEECH LANGUAGE PATHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side A
Grammatical Accuracy of Narratives Produced by Typically Developing Children Ages 8-15 in Three Story Contexts
Natalie Johnson, Sierra Southwick, Bethany Anderson, Kaitlyn Wilcox, Avery Hansen, Utah State University

Student Recreation and Activity Center - Kiosk 7 Side B
The Effects of Different Instructions in Speech of Individuals with Parkinson’s Disease
Lauren Bradford, Shawna Moreland, Texas Woman’s University

PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side B
Blink Dynamics in Mudskippers
Shashwati da Cunha, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 28 Side C
Epitaxial Growth of Spin Ice Thin Films
Kyle Noordhoek, University of Tennessee at Knoxville
Student Recreation and Activity Center - Kiosk 29 Side A
Modeling Noise in QDOGFET Single-Photon Detectors
Simon Ulik, University of Wisconsin - La Crosse

Student Recreation and Activity Center - Kiosk 29 Side B
Searching for Planets in the Protoplanetary Disk HD135344B
Jeannie Kwon, University of Michigan

Student Recreation and Activity Center - Kiosk 29 Side C
Thin Film Growth and Electronic Properties of Metal Doped PBCO
Nathan Arndt, University of Wisconsin - Parkside

POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 36 Side C
Deplatforming as an Approach to the Contemporary Rise of Hate Groups and the “Alt-Right” in the United States
Fionnuala Fisk, George Mason University

Student Recreation and Activity Center - Kiosk 37 Side A
Human Rights in Tamil Nadu: Analyzing the Presence and Reporting of Physical Integrity Rights Abuses
Mennah Abdelwahab, University of Georgia

Student Recreation and Activity Center - Kiosk 37 Side B
School-to-Prison Pipeline; Its Creation, Effects, and How It Can Be Diminished
Madalaine McConville, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 37 Side C
Why the Supreme Court Should Overturn Masterpiece Cakeshop v. Colorado Civil Rights Commission Ruling
Taylor Walker-Williams, Tarrant County College District

PSYCHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side C
Depressive and Autistic Behavior Within the Transgender Community
Natasha Polak, Illinois College

Student Recreation and Activity Center - Kiosk 8 Side A
Academic Problems Associated with Drinking Predict Decreased Well-being in College Students
Lauren Hollis, Alaska Beck, Shelby Bruggeman, Slippery Rock University

Student Recreation and Activity Center - Kiosk 8 Side B
An Examination of the Relationship Between Diabetes Knowledge and Eating Habits Among Young Adults
DeVon Jackson, Shanequa Reed, Virginia State University

Student Recreation and Activity Center - Kiosk 9 Side A
College Students’ Experiences with Stress, Coping Mechanisms, and Awareness of the Physical Effects of Stress
Rebekah Damitz, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 9 Side B
Coping with Harassment Experiences: The Use and Effectiveness of Religious Coping Strategies
Morgan Reinhart, Kennesaw State University
Detecting Loss of Control Under Cognitive Load
James Dunaway, University of North Georgia

Effect of Caffeine on College Students Suffering from Social Jet Lag
Jayde Robinson, Brescia University

Student Recreation and Activity Center - Kiosk 10 Side B
Effects of Social Rejection on Intertemporal Choice
elizabeth plaut, Adelphi University

Examining the Range of Autobiographical Memory Ability
Elana Kaplan, Elon University

Gender Identity and Mental Health in Early Adolescence
Devyn Thompson, University of Kentucky

How Does Attention Affect How We Perceive People, Places, and Things?
Daniel Jacobs, Emory University

Investigating the Moderating Role of Race in the Relationship Between Vascular Health and Brain Activation During an Association Episodic Memory Task in Middle-Aged and Older Adults
Elizabeth Stinson, University of Alabama

Juror Perceptions of Juveniles Who Were Maltreated as Children
Samantha Reis, Appalachian State University

Longitudinal Examination of Risk and Protective Factors Associated with Teen Dating Violence
Amber Alme, Hamline University

Morality's Relationship with Spirituality and Religiosity
Kyle Pugh, Kami Fox, University of Memphis

Perceived Racism and Its Relationship to Depression, Anxiety, Stress, and Emotion Regulation in African American Women
Zowi Randolph, Zowi Randolph, Kayla Herren, Olivia Lauzon, Ebony Glover, Kennesaw State University

Program Implementation for Adolescent Cambodian Refugees to Assess the Prevalence of Culture Bound Syndromes
Vidisha Gangidi, University of Georgia

Racial Stereotypes on Attitudes Toward Consensually Non Monogamous Relationships
Rachel Harris, University of Wisconsin - River Falls
STUDENT POSTER SESSION 4 - THU 3:30PM-4:30PM

Student Recreation and Activity Center - Kiosk 14 Side B
Religious Identity Influence on Ethnic Minority Youth Risky Behavior
Laquitta Simpson, University of Southern Mississippi

Student Recreation and Activity Center - Kiosk 14 Side C
Sexual Scripts in Adults
Katie Peterson, Madison Bodenhamer, Bailey Kendrick, Sarah Powanda, Cassandra Shannon, Sabrina Sheibani, Kennesaw State University

Student Recreation and Activity Center - Kiosk 15 Side A
Studies in Sexuality: Sexual Minorities and Their Outlook Towards Consent
David Ball, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 15 Side B
The Dehumanization of Children
Rebekah Medina, Julia Vroman, Katelyn deBrabant, Sydney Spight, Megan Rhodes, Columbus State University

Student Recreation and Activity Center - Kiosk 15 Side C
The Effects of Fish Preparation on Cardiovascular Activity in African Americans
Douglass James, Moody Adarius, Virginia State University

Student Recreation and Activity Center - Kiosk 16 Side A
The Efficiency of Facial Identification
Tori Ellison, Mia Jamison, Sarah Powanda, Amelia Reynolds, Lorena Soto, Kennesaw State University

Student Recreation and Activity Center - Kiosk 16 Side B
The Perceptions of Police Officers Toward Juvenile Offenders
Spencer Evelyn, Clark Atlanta University

Student Recreation and Activity Center - Kiosk 16 Side C
The Social Function of Children’s Jealousy and Pride in US and Chinese Culture
Dalia Cuevas, University of North Georgia

Student Recreation and Activity Center - Kiosk 17 Side B
Working Memory Capacity Is Reduced Under Threatening Conditions: An ERP Study
Hannah Sallmann, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 69 Side B
Exploring Beauty and Body Image Concerns of African American College Women
Takirra Jackson, Clark Atlanta University

Student Recreation and Activity Center - Kiosk 70 Side A
Greater Cost Results in Better Midsession Reversal Accuracy by Pigeons
Dalton House, Daniel Peng, University of Kentucky

SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 19 Side B
Barriers to Higher Education: Stories from Former Foster Youth
Sarah Bechtold, Winthrop University

Student Recreation and Activity Center - Kiosk 19 Side C
Implications for Immigrants: A Needs Assessment on the Lower Eastern Shore
Johannah Cooper, Salisbury University

Student Recreation and Activity Center - Kiosk 20 Side A
The Effects of a Community Center Based on Empowerment Through Psychosocial Care to Improve the Well-Being of Refugees in Vienna, Austria
Madison Wells, Long Island University
SOCIOLOGY

Student Recreation and Activity Center - Kiosk 17 Side C
Are College Aged Individuals Aware of the Fertility Timeline: A Survey Research Study
Amber Adair, Kennesaw State University

Student Recreation and Activity Center - Kiosk 18 Side A
Examining the Bystander Effect and Sexual Violence: Do Middle School Prevention Programs Work
Gabriela Cardona, Russell Sage College

Student Recreation and Activity Center - Kiosk 18 Side B
Perceptions of Individuals With Varying Abilities
Thomas Sullivan, Elmhurst College

Student Recreation and Activity Center - Kiosk 18 Side C
The Fine Line Between Criminal and Entrepreneur: Policy Suggestions for Protecting Marginalized Communities in the Age of Legalization
Sasha Bronder, Roanoke College

STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

ANTHROPOLOGY & ARCHEOLOGY

Student Recreation and Activity Center - Kiosk 40 Side A
Arab Representation in Post 9/11 Hollywood Media
Jay Lee, George Mason University

Student Recreation and Activity Center - Kiosk 40 Side B
LGBTQ+ Population in Pensacola, FL: Perception of Safety and Effects on Health
Brenna Harshman, Marian Boucher, Trace Parrish, University of West Florida

Student Recreation and Activity Center - Kiosk 40 Side C
The Formation of Ethnic and Racial Identity in China: An Examination of Blackness in China
Sarmishtha Prathivadhibhayankaram, University of Rochester

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN

Student Recreation and Activity Center - Kiosk 68 Side A
Bridging the Socio-Spatial Displacement in Kolkata
Varshil Patel, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side B
Raising the Standard
Callan Hoeve, Kennesaw State University

ART HISTORY & VISUAL ARTS

Student Recreation and Activity Center - Kiosk 66 Side B
A Study of Malaysia’s Common Culture and Diverse Ethnic Group
Anwarul Zulkifli, University of Central Oklahoma
Hashtag Activism: Examining Visual Artists Through the Lens of #MeToo
Laurie Kinney, University of Central Oklahoma

Biochemical Characterization of DNAJB1-PRKACA in Fibrolamellar Hepatocellular Carcinoma
Trung Nguyen, New Mexico State University-Alamogordo

CYP27B1, a Novel Muscle Biomarker of ALS Disease Progression
Yuri Kwon, University of Alabama at Birmingham

Encapsulation of Various Proteins Within Silica Nanoparticles
Brian Tarnai, Hampden-Sydney College

Growth of Crown Pea in a Hydroponic NFT System with LED Lighting and an Enhanced Dissolved Oxygen Environment
Taylor North, University of Wisconsin - River Falls

Interstrand Cross-Linking of a Fluorescently Labeled DNA Duplex by Rhodium Complexes
Ariana Caiati, Moravian College

Nanoscale Cellulose Microfibrils from Potato, Sugar Beet and Celery Pulp as Rheological Modifiers and Bio-based Composite Materials
Madeline Hoey, University of Rochester

RNA-DNA Fibers and Polygons with Controlled Immunorecognition Activate RNAi and Transcriptional Regulation of NF-κB
Melina Richardson, University of North Carolina at Charlotte

Structural Determination and Function of Streptomyces griseofuscus
Madeline Rettmann, University of Wisconsin - Milwaukee

Unnatural Dipeptide Synthesis of Compounds with Bioactivity Against P. Aeruginosa
Andrea Lamb, Kellee Geren, Milligan College

A Novel Light-inducible CRISPR/dCas9 System for Controlling Gene Expression
Nicholas Southern, University of Alabama at Birmingham

Amphibian Chytrid Fungus Found in Minnesota Mink Frog Die-Off
Prerana Shrestha, North Central College
Student Recreation and Activity Center - Kiosk 42 Side B
Analyzing the Aggregation of Alzheimer’s Disease-related Proteins in S. cerevisiae
Julia Denniss, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 43 Side A
Behavioral Interactions Between Peromyscus maniculatus, Microtus pennsylvanicus, and Zapus hudsonius
Zachary Rasmann, Evelyn Swatkowski, Andrei Nylund, Darryl Williams, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 43 Side B
Carnivore Ecology Through the Lens of Behavioral Traces Left on Large Mammal Remains: A Model for Investigating Fossil Remains
Madison Ussery, Nicole Crain, University of North Georgia

Student Recreation and Activity Center - Kiosk 43 Side C
Characterization of Primary Rat Astrocytes: a Step Towards Optic Nerve Head on a Chip
Priyasha Pareek, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 44 Side A
Comparing the Roles of Inhibitory Neurotransmitters GABA and Glycine in Balanced Nervous System Signaling
Chantel Strahorn, Chantel Strahorn, Kennesaw State University

Student Recreation and Activity Center - Kiosk 44 Side B
Course-based Research: Optimization of L-lactic Acid Production in Saccharomyces cerevisiae
Sehba Faheem, Iowa State University

Student Recreation and Activity Center - Kiosk 44 Side C
Destabilization of Primary Cilia by Mutant Heat Shock Protein as the Cause of Developmental Abnormalities
Alexander Wall, NC State University

Student Recreation and Activity Center - Kiosk 45 Side A
Development of a Genetically-encoded Biosensor to Assess Neuronal Stress in Huntington’s Disease
Alexandra Nazzari, Emory University

Student Recreation and Activity Center - Kiosk 45 Side B
Diversity of Bacteriophages in the Genomes of Nitrogen-Fixing Bacteria
Madeline Mickelson, Hamline University

Student Recreation and Activity Center - Kiosk 45 Side C
Effect of Repeated Low-level Hydrogen Sulfide on Pathogenicity of Influenza-A Virus in Pigs
Amber Vegter, Iowa State University

Student Recreation and Activity Center - Kiosk 46 Side A
Effects of Inhibition of Mycobacterium tuberculosis Coenzyme a Biosynthesis on Antitubercular Activity of Pyrazinamide
Kee-Lee Stocks, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 46 Side B
Effects of Various Herbicides on the Hill Reaction of Photosynthesis
Morgan Gurel, John Brown University

Student Recreation and Activity Center - Kiosk 46 Side C
Evaluating the Capabilities of B-23 and Decanal to Inhibit the Growth of Pseudogymnoascus destructans
Ashley McDonald, Dylan Carter, Kennesaw State University
Student Recreation and Activity Center - Kiosk 47 Side A
Exploring Microbial Diversity in the Rhizosphere of Non-Nodulating and Nodulating Legumes
Mahida Adan, Hamline University

Student Recreation and Activity Center - Kiosk 47 Side B
Fishing for Functions of T7 Nonessential Genes
Rosanna Bello, Lhorrana DaSilva, Sarah Farmer, Kirsten Grant, Bridgewater State University

Student Recreation and Activity Center - Kiosk 48 Side A
How Cellular Metabolic State and the Chaperone Protein Hsp104 Interact to Affect the Spontaneous Formation of the Yeast Prion [URE3]
Demyia Graham, Mississippi University for Women

Student Recreation and Activity Center - Kiosk 48 Side B
Identification of MYCN as a Potential Survival Factor for Leukemia
Victoria Buskey, Virginia State University

Student Recreation and Activity Center - Kiosk 48 Side C
Improving the Cultivation of Oligotroph Microorganisms from Lake Michigan
Kathryn Alexander, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 49 Side A
Insulin-Like Growth Factor-1 Treatment Promotes Hippocampal Neurogenesis in Brain Injured Mice
Natalie Vish, University of Kentucky

Student Recreation and Activity Center - Kiosk 49 Side B
Investigating the Interaction Between the Leucine-Responsive Regulatory Protein and the Pseudomonas Quorum-Sensing Network
Sheereen AbdulKabir, Kennesaw State University

Student Recreation and Activity Center - Kiosk 49 Side C
Is Your Detector Expecting? See with HCG
Yewouemoe Lynda Waku Kouomou, Yewouemoe Lynda Waku Kouomou, Rehmat Babar, Georgia State University

Student Recreation and Activity Center - Kiosk 50 Side A
Lethal Antimicrobials and the Generality of Cellular Toxicity
Zachary Wildman, Megan Pasternak, University of Findlay

Student Recreation and Activity Center - Kiosk 50 Side B
Metabolic Fitness Allows Escherichia coli to Reside in the Human Gut
Garrett Peters, Montana State University Bozeman

Student Recreation and Activity Center - Kiosk 50 Side C
Molecular Identification of the Scorpion Telson Microbiome
Christopher Shimwell, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 51 Side A
Neuronal Mechanisms of Attention Measured Through Multi-unit Recordings in LGN and V1
Makaila Banks, Abhishek Dedhe, University of Rochester
STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 51 Side B
Pathovar Identification of Unknown Xanthomonas translucens Isolates from Economically Important Small Grains
Yasmeen Saad, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 51 Side C
Population Dynamics of White-Footed Mice (Peromyscus leucopus) from 2012-2018 in a Fragmented Landscape
Emily Austin, Capital University

Student Recreation and Activity Center - Kiosk 52 Side A
Probing the Conformational Change of Cryptochrome in Vivo Via Phosphorylation
John Sternen, John Kavanagh, Xavier University

Student Recreation and Activity Center - Kiosk 52 Side B
Reducing Algal Blooms in Dream Lake, WI: Total Phosphorus and Zooplankton Seasonal Dynamics Indicate Response to Bottom-up Manipulation
Matthew Young, St. Norbert College

Student Recreation and Activity Center - Kiosk 52 Side C
Seasonal Changes in Reptile Diversity and Distribution Across Heterogenous Environments in Smithgall Woods State Park, White County, Georgia
Cory Duckworth, University of North Georgia

Student Recreation and Activity Center - Kiosk 53 Side A
Sleep in an Ecologically and Agriculturally Relevant Herbivore and Its Parasitoid
Victoria Salerno, University of Wisconsin - La Crosse

Student Recreation and Activity Center - Kiosk 53 Side B
Supplemental Nitrogen Use in Soybeans
John Elliott, William Lunsford, Abraham Baldwin Agricultural College

Student Recreation and Activity Center - Kiosk 53 Side C
The Effect Of 52kDa FK506-Binding Protein On Tau-P301L Aggregation
Samina Ismail, University of South Florida

Student Recreation and Activity Center - Kiosk 54 Side A
The Effect of Predator Species, Sex, and Number on Chemically-mediated Feeding Interference in the Wolf Spiders Pardosa milvina and Pardosa moesta
Malik Black, Susquehanna University

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Fusion Tags on Recombinant MpeW Protein Solubility
Kourtney Weaver, University of New Orleans

Student Recreation and Activity Center - Kiosk 54 Side C
The Epigenetic Role of Septic Microparticles in Alzheimer’s Disease
Mya Vannoy, West Virginia University

Student Recreation and Activity Center - Kiosk 55 Side A
The Physiological Response of Two Plants, Alternanthera philoxeroides (Alligator Weed) and Nasturtium officinale (Watercress), to Heavy Metals
Hannah King, Abraham Baldwin Agricultural College

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of Notch Signaling and Vascularization in Bone Regeneration
Solomon Chang, University of Michigan
STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 55 Side C
Trade-offs Between Streptomycin Resistance and Virulence in Salmonella Typhimurium
Michael Flynn, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 56 Side A
Use of TAT-CaM Cell Penetrating Peptide Mechanism to Deliver Cargo to Chlamydomonas reinhardtii
Zoie Barnhill, Kennesaw State University

Student Recreation and Activity Center - Kiosk 56 Side B
Whole Genome Sequencing of Methicillin Resistant Staphylococcus sciuri Isolated from a Shenandoah Valley Waterway
Raechel Davis, William Maza, James Madison University

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side B
Distraction or Not? The Study of Cellphone Use in the College Learning Environment
Veronica Cowen, Ana Araujo, Brittany Savage, Christine Morton, Melanie Hughes, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 21 Side A
The Potential for Geographic Expansion: An Analysis of Dollar General
Ashleigh Aybar, Carthage College

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side C
Characterization of a Hydroxyl-Benzene Radical Complex Using Matrix Isolation Infrared Spectroscopy
Catherine Kaiser, Penn State- Erie, The Behrend College

Student Recreation and Activity Center - Kiosk 60 Side A
Detection and Quantification of Nicotine in Electronic Cigarette Liquids Using Gas Chromatography-Mass Spectrometry
Juan Vasquez, Kennesaw State University

Student Recreation and Activity Center - Kiosk 60 Side B
Effects of Nuclear-Targeted Nanoparticles on the Cell Function in Head and Neck Cancer Cells During Cisplatin Treatment
Breanna Mann, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 60 Side C
Robert Cronin, Kennesaw State University

Student Recreation and Activity Center - Kiosk 61 Side A
Improved Synthesis of Propranolol In-Flow
John Pederson, Luis Bordier, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 61 Side B
Mechanism of the Enzymatic Synthesis of Furan-containing Compound, Hydroxymethylfurfural
Caroline Brown, Diana Graves, University of North Georgia

Student Recreation and Activity Center - Kiosk 61 Side C
Polyaromatics as Forensic Evidence of Environmental Pollution
Chia-An Lin, University of Wisconsin - Superior
Student Recreation and Activity Center - Kiosk 62 Side A
Separation of a Four-component Mixture by Liquid-liquid Extraction
Myah Lanier, Tomiwa Oderinde, Ann Irvin, Georgia College and State University

Student Recreation and Activity Center - Kiosk 62 Side B
Synthesis and Biochemical Evaluation of Piperine Analogs for Acetylcholineesterase Inhibition
Vance Noah, Penn State- Erie, The Behrend College

Student Recreation and Activity Center - Kiosk 63 Side A
Terpenes' Antibacterial Activity Against S. aureus and E. coli
Ashley Williams, Mideyshka Vazquez, Gaston College

Student Recreation and Activity Center - Kiosk 63 Side B
Towards the Synthesis and Characterization of New Anionic N-heterocyclic Carbene
Ian Sellars, Mary K Grimes, Andrew Duenas, Kennesaw State University

Student Recreation and Activity Center - Kiosk 63 Side C
Using Statistical Analytical Techniques for Optimization of Ultrahigh Pressure Extraction Method for Biologically Active Compounds
Katya Rivera, Embry - Riddle Aeronautical University

Student Recreation and Activity Center - Kiosk 69 Side C
Non-Classical Hydrogen Bonding in Biphenyl Chromium Tricarbonyl Compounds
Joshua Jensen, University of Wisconsin - La Crosse

Communications
Student Recreation and Activity Center - Kiosk 67 Side B
“I Wanted To Be Like Her”: A Study of Eating Behaviors and Attitudes in Television Shows Targeted to Teenage Girls
Devin Kiernan, Elon University

Student Recreation and Activity Center - Kiosk 67 Side C
Media Representation of Janet Jackson and Justin Timberlake Following the 2004 Super Bowl Wardrobe Malfunction
James Jeffries, UIC University of Illinois at Chicago

Computer Science
Student Recreation and Activity Center - Kiosk 30 Side A
A Pseudo-Ensemble Neural Network for the Emotional Classification of Text
Oscar Youngquist, Rose Hulman Institute of Technology

Student Recreation and Activity Center - Kiosk 30 Side B
Automatic Modelling Tool for Microservice Architectures
Keenal Shah, University of West Florida

Student Recreation and Activity Center - Kiosk 30 Side C
Deep Learning-based Indoor Localization for Power Wheelchair Users
Kazi Nafee, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 31 Side B
Mobile Application for Georgia College Students: Design Research Study to Increase Connection Between Georgia College Students and Georgia College
Elizabeth Sockwell, Georgia College and State University
STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 31 Side C
Solar Sailor for Broadening the Participation in Information Technology
Matthew Stiller, Katherine Bonds, Georgia Gwinnett College

CRIMINOLOGY/CRIMINAL JUSTICE
Student Recreation and Activity Center - Kiosk 38 Side A
FOCUS on Women Clients: Process Evaluation of a Pilot Probation-medical Collaboration Program
Shelley Verma, University of Rochester

DIVERSITY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side B
Diversity and Inclusion in Study Abroad
Kasey Corn, North Carolina State University

ECONOMICS
Student Recreation and Activity Center - Kiosk 21 Side B
Does Draft Order Predict Individual Player Success in the NFL?
Tim Frazier, Eastern Washington University

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side A
I Also Can Be a Leader: Possibilities of Experiential Education in Nepal
Carter Zenke, Anthony Cardellini, Duke University

Student Recreation and Activity Center - Kiosk 32 Side B
Behavior Responses in the Inclusion Setting
Alexandria Kesselring, Casey Carroll, Georgia Southern University

Student Recreation and Activity Center - Kiosk 32 Side C
Development and Implementation of a Pedagogical Case Study on Tasting Under the Influence of Miracle Berry Fruit Tablets
Luke Bohrer, Zina B. Babitski, Gannon University

Student Recreation and Activity Center - Kiosk 33 Side A
It Starts in the Classroom: Effective Teaching Techniques for At Risk Youth
Monique Lawrence, Siena College

Student Recreation and Activity Center - Kiosk 33 Side B
Preferred Teaching/Learning Strategies for Graduate Nursing Students in Web-Enhanced Courses
Brooke Anthony, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 70 Side A
Examining Bilingual and English as a Second Language Programs and Educators
Katelynn Hogan, Texas Woman’s University

ENGINEERING
Student Recreation and Activity Center - Kiosk 21 Side C
24 GHz Semi-Passive RFID Tags
Jesse Jiang, Kibeom Kim, Siddharth Kotapati, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 22 Side A
An Egocentric Vision-Based Robotic Arm for the Physically Impaired
Anina Mu, Nicholas Flint, Jianni Adkisson, Joshua Shafran, Satwik Nandala, Georgia Institute of Technology
STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 23 Side A
Design of Dual Action Based Robotic Gripper with Adaptive Controller
Renan Barbosa, University of West Florida

Student Recreation and Activity Center - Kiosk 23 Side B
Driver Interface: Safety and Usability
Ekim Koca, University of Michigan

Student Recreation and Activity Center - Kiosk 24 Side A
Facial Expression Recognition Applications to American Sign Language Translation
Michaela Stratton, Western Carolina University

Student Recreation and Activity Center - Kiosk 24 Side C
Investigation of Residual Stresses Present in DMLS Process Using XRD
Tyrele Adams, Western Carolina University

Student Recreation and Activity Center - Kiosk 25 Side A
Mechanical Properties of the Organ of Corti Complex
Apoorva Khadilkar, Sultan Sabha, University of Rochester

Student Recreation and Activity Center - Kiosk 25 Side B
Multinomial Logit Analysis of Injury Severity in Crashes Involving Emotional Drivers
Kristen Hubbert, University of Alabama in Huntsville

Student Recreation and Activity Center - Kiosk 26 Side A
Relationship Between Sucrose Concentration and Spallation Region in S. Mutans Biofilms Loaded by Laser-induced Stress Waves
Kaitlyn Kearns, University of Kentucky

Student Recreation and Activity Center - Kiosk 26 Side B
Stabilization of Model Predictive Path Integral Controlled Systems Subject to Sudden State Disturbances
Matthieu Capuano, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 27 Side A
UTK Smart Joint for Optimizing Adhesively Bonded Joining for Hybrid Materials for Automotive Applications
Darren Foster, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 69 Side A
Improvements on Fog-harvesting Technique and Materials
Osvaldo Perez, Danh Nyugen, San Jacinto College Honors Program

ENGLISH & LITERATURE
Student Recreation and Activity Center - Kiosk 38 Side B
“Blow, Crack, Rage, Blow”: A Corpus Analysis of Imperative Clauses in Shakespeare’s King Lear
Jacob Ruhkamp, Emory University

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 64 Side A
Assisting Wisconsin Municipalities and Citizens on the Replacement of Lead Service Lines Using Wisconsin Act 137
Ryan Leckel, University of Wisconsin-Stout

Student Recreation and Activity Center - Kiosk 64 Side B
Effectiveness of New York State Department of Environmental Conservation Restoration Planting Requirements
Jenat Fahima, City University of New York- York College
Kennesaw State University

STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 64 Side C
Explanatory Modeling of Dissolved Oxygen Dynamics Across Diverse Estuarine Habitats
Samuel Blackman, North Carolina State University

Student Recreation and Activity Center - Kiosk 65 Side A
Introduction and Abundance of Microplastics Ingested by Freshwater Fish in the Wabash River from 1960-2010
Hannah Veldhuizen, Indiana State University

Student Recreation and Activity Center - Kiosk 65 Side B
Pine Tree Seedling Survival in Soils Irrigated with Municipal Wastewater
Jamie Cochran, NC State University

Student Recreation and Activity Center - Kiosk 65 Side C
Soil Food Web Trophic Interactions and Nutrient Dynamics Under Arctic Shrub and Tussock Tundra Ecosystems
Felix Yepa, Colorado State - Colorado State University- Cooperative Extension-Jefferson Co

Student Recreation and Activity Center - Kiosk 66 Side A
To Idle or Not to Idle: Idle-free School Policy in the U.S.
Margaret Bailey, University of Tennessee at Knoxville

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side A
A Study of Paralympic Athlete Classification
Joseph Joyce, Radford University

Student Recreation and Activity Center - Kiosk 5 Side B
Effect of Four Week Training Program on Rate of Force Development and Muscle Activation
Tyler Laird, State University of New York- Brockport

Student Recreation and Activity Center - Kiosk 5 Side C
Effects of TRX And Powerlifting on Soccer Performance Drills In Collegiate Female Soccer Players
Ashley Becker, Kathryn Johnson, Gustavus Adolphus College

Student Recreation and Activity Center - Kiosk 6 Side A
Learning a Mirror Tracing Task While Finger Flexor Muscles Are Fatigued
Monica Czuprynko, Joshua Boushon, University of Wisconsin - Platteville

Student Recreation and Activity Center - Kiosk 6 Side B
Strength, Power, Work Capacity, and Fatigue Resistance Are Enhanced in High Intensity Functional Training Athletes
Kelsey Rasheed, University of Georgia

Student Recreation and Activity Center - Kiosk 6 Side C
Voluntary Contractile Characteristics of the Plantar Flexors in Middle-aged and Older Males
Benjamin Dalton, Kennesaw State University

GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side A
Analyzing the Changes in Water Chemistry in Relation to Corresponding Sediment
Michael Manley, University of Wisconsin - Whitewater
STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 39 Side A
Exploring Ownership: An Analysis of Early Kentucky Court Records
Shelby Clark, University of Kentucky

Student Recreation and Activity Center - Kiosk 39 Side B
Operation Jedburgh: Playing with Heads
Jackson Bivens, Western Carolina University

Student Recreation and Activity Center - Kiosk 39 Side C
The Human Condition from 1500-2018: A Gallery
Eliza Newkirk, John Brown University

INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
Attaching to Language: Attachment Disorder and Language Acquisition in Internationally Adopted Children
Cassie Belcher, Liberty University

Student Recreation and Activity Center - Kiosk 35 Side A
Finding Her Voice: Female Inequalities and Representations in Media Industries
Chloe McElmury, Hamline University

Student Recreation and Activity Center - Kiosk 35 Side B
Literature, Neuroscience, and Aesthetic Pleasure: the Scientific and Humanistic Interpretation of Close Reading of Poetry
Victoria Hopper, Lauren Powell, Isis Woods, Michigan State University

Student Recreation and Activity Center - Kiosk 36 Side A
Transmission Electron Microscopic Analysis of Airborne Nanoparticles Collected at Construction Worksites
Shane Lewis, Georgia Southern University

LAW & LEGAL STUDIES
Student Recreation and Activity Center - Kiosk 37 Side C
Does the Tie-bout Sorting Model Hold True for Property Tax Values?
Matthew Johnson, University of Wisconsin - Stout

LINGUISTICS & WORLD LANGUAGES
Student Recreation and Activity Center - Kiosk 38 Side C
Postvernacular Dutch in Wisconsin
Rachyl Hietpas, University of Wisconsin - Eau Claire

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
Assessing Risk Factors Associated with Low Birth Weight in Counties of the State of Georgia
Toni Johnson, Fort Valley State University

Student Recreation and Activity Center - Kiosk 28 Side A
Visualization of Algebraic Surfaces Using Python and Bertini_real
Foong Min Wong, University of Wisconsin - Eau Claire

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side A
A Dental Hygienist’s Role in Opioid Control
Macy Smolic, Alexandra Yannacci, Westmoreland County Community College
Student Recreation and Activity Center - Kiosk 1 Side B
Barriers and Disparities of Diabetic Retinopathy Screening in Minorities
Augustine Rouamba, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 1 Side C
Childhood Immunization-related Experiences Among Individuals with a Refugee Background in Utah
Tessa Truman, Rebecca Higham, University of Utah

Student Recreation and Activity Center - Kiosk 2 Side A
Dietary Intake Among Millennials: Overall Impact on Wellness
Brandon Scott, Quentarious Robinson, Thomas Byrd, Sara Waters, Georgia Southern University

Student Recreation and Activity Center - Kiosk 2 Side B
Enteral Nutrition and the Critically Ill Adult
Carly Owens, The University of Virginia’s College at Wise

Student Recreation and Activity Center - Kiosk 2 Side C
Gut Feelings of Labor and Delivery Nurses
Marisa Paule, Kaitlyn Olsen, Gustavus Adolphus College

Student Recreation and Activity Center - Kiosk 3 Side B
M-Health to Decrease Youth Substance Misuse and High Risk Firearm Behavior
Samantha Miller, University of Michigan

Student Recreation and Activity Center - Kiosk 3 Side C
Pre-gaming Motives Among Fraternities and Sororities
Kayleigh Antonelli, Miami University

Student Recreation and Activity Center - Kiosk 4 Side A
Sensory Processing Disorder in Premature Infants with Intrauterine Drug Exposure
Caroline Carter, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 4 Side B
The Effects of Childhood Amblyopia on Reading Ability
Ash Satchidanand, Ash Satchidanand, Emory University

Student Recreation and Activity Center - Kiosk 4 Side C
The Prevalence and Outcomes of Morphine Use in the Initial Management of Patients with Acute Myocardial Infarction
Parker Landis, University of Pittsburgh School of Nursing

PHILOSOPHY, ETHICS, & RELIGIOUS STUDIES
Student Recreation and Activity Center - Kiosk 19 Side A
Losing My Religion? Predictors of Religious Practice Among College Students
Thomas Perez, My Linh Do, Brent Cleghorne, Macy Parker, Tennessee Technological University

PHYSICAL/OCCUPATIONAL THERAPY & SPEECH LANGUAGE PATHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side A
Life-story Development: A Case with Lewy Body Dementia
Paige Warren, Texas Woman’s University
PSYCHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side C
Investigating the Effects of Post-Stroke Depression on Patient Outcomes Based on the Modified Rankin Score
Nisha Palanisamy, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 8 Side B
Activation of the Default Mode Network During Focus-requiring Tasks Predicts Episodes of Elevated Reaction Time Variability in Children with ADHD
Parsa Nilchian, Florida International University

Student Recreation and Activity Center - Kiosk 8 Side B
An Exploration of Relationship Quality and Academic Support Among Heterosexual African American Students
Breeonna James, Clark Atlanta University

Student Recreation and Activity Center - Kiosk 9 Side B
Correlation Between Sexual Education In High School and Sexual Activity On College Campuses
Melanie Prater, Lagrange College

Student Recreation and Activity Center - Kiosk 9 Side C
Determinants of Violence for Criminal Justice-Involved Adolescents
Juliana Giannone, Adelphi University

Student Recreation and Activity Center - Kiosk 10 Side A
Effect of Work Values on Classroom Emotion in Japanese Undergraduate Students
Chiho Takiya, Ken Nomoto, Kazuhisa Goto, Ka Tsun Cheung, Musashino University

PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side B
Characterization and Enhancement of Our Laser-Spectroscopy System with Applications
Benny Schundelmier, University of West Florida

Student Recreation and Activity Center - Kiosk 28 Side C
Experimental Exploration of the Optical Properties of ZnO Polycrystalline Thin Films
Trenten Smith, University of Wisconsin - La Crosse

Student Recreation and Activity Center - Kiosk 29 Side A
Monte Carlo Simulation of Nucleation and Growth of Thin Films Using MATLAB
Doyoon Kim, Georgia College and State University

Student Recreation and Activity Center - Kiosk 29 Side B
Seasonal Dependency Variations Between Aerosol Mass Concentrations, Aerosol Optical Depth, and Aerosol Light Extinction
Taylor Foote, Appalachian State University

POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 37 Side A
Impact of Life Skills Curriculum on Students Well-being
Katlin Eyre, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 7 Side B
The What, Not the How: A Stimuli Database for Treating Children with Speech Disorders
Danielle Edelstein, Jenna Abrahamsen, Jenna Supinski, Ithaca College
STUDENT POSTER SESSION 5 - FRI 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 10 Side B
Evaluating Motivational and Educational Interventions’ Effectiveness in Reducing OWI Recidivism
Jacob Stricker, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 10 Side C
Examining the Relationship Between College Student Vaping Motives & Drinking Motives
Cody Loveless, Miami University

Student Recreation and Activity Center - Kiosk 11 Side A
Factors of Student Organizations and Contentment
Collin Sanders-Lamoree, Lagrange College

Student Recreation and Activity Center - Kiosk 11 Side B
Gender Stereotypes and Hiring Biases in Female-Dominated Occupations
Natalie Pederson, Laney Ivey, Jessica Mann, Isabella Blanchard, Caroline Carter, Nayomi Martinez-Ubay, Rebecca Groeneveld, Georgia College and State University

Student Recreation and Activity Center - Kiosk 12 Side A
Investigating Trust in Media
Robert McCall, Ashma Sapkota, College of Coastal Georgia

Student Recreation and Activity Center - Kiosk 12 Side B
Motion Coherence and Functional Connectivity
Carly Nesbitt, Kennesaw State University

Student Recreation and Activity Center - Kiosk 13 Side A
Protection Against Anxiety Following Childhood Trauma: Physical Activity and Emotion Regulation
Kathleen Murphy, Georgia State University

Student Recreation and Activity Center - Kiosk 13 Side B
Perceptions of Hostile Sexism Versus Benevolent Sexism
Aliaa Eldabli, Stephanie Mata, Aurora University

Student Recreation and Activity Center - Kiosk 13 Side C
Responses to Modified Monty Hall Dilemmas in Capuchin Monkeys, Rhesus Macaques, and Humans
Praful Gade, Georgia State University

Student Recreation and Activity Center - Kiosk 14 Side A
Shaping Student Study Strategies for Success
Catelyn Shipp, Georgia Southern University

Student Recreation and Activity Center - Kiosk 14 Side B
Study Habits of College Students and Their Use of Headphones
Paul Beach, Kennesaw State University

Student Recreation and Activity Center - Kiosk 15 Side A
The Exploration of the Meaning Attributed to Their Professional Quality of Life by the Women Officers Within the University of Wisconsin-La Crosse Reserve Officers’ Training Corps (ROTC)
Anna Baumgartner, University of Wisconsin - La Crosse

Student Recreation and Activity Center - Kiosk 15 Side B
The Prevalence of Depressive Symptoms in College Students
Morgan Sabatini, Amanda Bruscemi, Slippery Rock University

Student Recreation and Activity Center - Kiosk 16 Side A
The Prevalence of Depressive Symptoms in College Students
Morgan Sabatini, Amanda Bruscemi, Slippery Rock University

Student Recreation and Activity Center - Kiosk 16 Side B
The Prevalence of Depressive Symptoms in College Students
Morgan Sabatini, Amanda Bruscemi, Slippery Rock University
Student Recreation and Activity Center - Kiosk 17 Side A
Validating Fitbit Flex As Compared to Actiwatch 64
Michelle Suarez, Zachary Yount, Marissa Marchionne, Angelo Mongiello, University of West Florida

Student Recreation and Activity Center - Kiosk 17 Side B
Work-Related Factors Contributing to Persistent Fatigue in Medical Residents
Harsharandeep Kaur, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 69 Side B
Factors Contributing Toward Harm Reduction in an OBH Setting
Garrett Cook, Madison Link, Matthew (Cole) Brogden, Baylee Corbett, Grace Wenger, Allison McClure, Hayley Houseman, Ava Hughes, Alex West, Georgia College and State University

SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 19 Side C
Influential Factors of Parental Care Decisions Made by Adult Children of Parents with Alzheimer’s Disease of a Related Dementia
Abstract
Isabella Foussell, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 20 Side A
The Effects of Electronic Media Use on Relationship Satisfaction and Empathetic Listening in Romantic Relationships
Nathan Bingham, MarLee Mitchell, Weber State University

SOCIOLOGY
Student Recreation and Activity Center - Kiosk 17 Side C
Assessing the SURF Program: An in-depth Look At How Undergraduate Research Affects Students.
Madelyn Brinkman, Indiana State University

Student Recreation and Activity Center - Kiosk 18 Side A
Factors Influencing Recycling Behavior
Elizabeth McDonald, Elon University

Student Recreation and Activity Center - Kiosk 18 Side B
Predicting Shifts in Iowa Farmers’ Climate Change Beliefs and Attitudes Toward Climate Action Over Time
Sara Ronnkvist, Iowa State University
STUDENT POSTER SESSION 6 - FRI 9:45AM-10:45AM

ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side A
Arts Based Research: a Visual Anthropological Look at Native Americans of Montauk, NY
Kristie Siegel, Adelphi University

Student Recreation and Activity Center - Kiosk 40 Side B
Mortuary Analysis of Amish Graves
Bridget Sowa, George Mason University

Student Recreation and Activity Center - Kiosk 40 Side C
The Impact of Religion in Constructing the Identity and Social Behavior of Female College Students
Jawonna Coleman, University of West Georgia

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN
Student Recreation and Activity Center - Kiosk 68 Side A
Centurion Village in Nashville
Kathryn Lamb, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 68 Side B
Redesigning Colors of Light in a Learning Environment For Nurturing Early Childhood Development
Allisen Caberto, Chaminade University of Honolulu

Student Recreation and Activity Center - Kiosk 68 Side C

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side B
Artistic Indigenous Resistance to Colonial Rule in Mexico and America in Sixteenth and Seventeenth Centuries
Jesus Cruz, University of Central Oklahoma

BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side C
BLMP-1, a Transcriptional Repressor, Regulates the Molting Timer in C.elegans
Jaqueline Lopez, University of California - Los Angeles

Student Recreation and Activity Center - Kiosk 57 Side A
Determination of Apo and Inhibitor Bound Mycobacterium thermoresistibile B-Clamp Protein Structures
Olivia Gray, Iowa State University

Student Recreation and Activity Center - Kiosk 57 Side B
Enhancement of Endothelial Cell Adhesion Through Treatment with CEACAM6 or TNF-a
Harsimran Kalsi, Lawrence University

Student Recreation and Activity Center - Kiosk 57 Side C
Human APOBEC3B and HPV E6 and E7 Oncoproteins in Tumorigenesis in Vivo
Cameron Durfee, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 58 Side B
Nitric Oxide Trapping of Carbon-centered Radicals in an Enzyme Active Site
Dante Serrano, Nemanja Vuksanovic, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 58 Side C
Role of Cell Wall Modifying Enzymes in Intercellular Trafficking in Plants
Kyle Freeman, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 59 Side A
Structures of Intermediates in Elongation Cycle of Bacterial Translation Using Cryo-electron Microscopy
Binita Shah, Barnard College
**STUDENT POSTER SESSION 6 - FRI 9:45AM-10:45AM**

**Student Recreation and Activity Center - Kiosk 59 Side B**
Using Genome Editing to Generate Point Mutants of Human Bcl-2 Protein Noxa to Study Its Function
Salman Ali, University of Minnesota, Twin Cities

**BIOLOGY**

**Student Recreation and Activity Center - Kiosk 41 Side C**
A Novel Protocol for Obtaining Cauliflower Histones and Mitochondria
Shelby Harris, Samia Meera, Jacksonville State University

**Student Recreation and Activity Center - Kiosk 42 Side A**
AMPK Influence on Cytoskeletal Rearrangement and Cell Migration
Sarah Barnhardt, Wingate University

**Student Recreation and Activity Center - Kiosk 42 Side B**
Annotation and Characterization of the Complete Genomes of Caelum and Wipeout
Lindsey Paul, Franklin Pierce University

**Student Recreation and Activity Center - Kiosk 43 Side A**
Behavioral Markers of Stress in Separated Captive Female and Male Ring-tailed Lemurs (Lemur Catta)
Carmen Cromer, North Carolina State University

**Student Recreation and Activity Center - Kiosk 43 Side B**
Carrot Cloning
Mariam Bezih, Henry Ford Community College

**Student Recreation and Activity Center - Kiosk 43 Side C**
Characterization of Two WD40 Proteins in Trypanosomatid Parasites
Sujay Greenlund, Georgia State University

**Student Recreation and Activity Center - Kiosk 44 Side A**
Comparison of 6-Week Benthic Macroinvertebrate Colonization on Hester-Dendy Multiplate Samplers in Early & Late Spring
Cordarro Mejia, Joliet Jr College

**Student Recreation and Activity Center - Kiosk 44 Side B**
Creating a NOC:LUC2 Transgenic Line in Xenopus laevis
Edel Contreras, University of Wisconsin - Whitewater

**Student Recreation and Activity Center - Kiosk 44 Side C**
Detection and Identification of Arbuscular Mycorrhizal Fungi in Two Riparian Tree Species Using AML1 and AML2 PCR Primers
Sarah Andrews, Taylor Swaggerty, Kennesaw State University

**Student Recreation and Activity Center - Kiosk 45 Side A**
Development of a Stromal-free Culture Protocol to Induce Robust Expansion of B Cells for Therapeutic Applications
Anna Hance, University of Minnesota, Twin Cities

**Student Recreation and Activity Center - Kiosk 45 Side B**
DNA Methylation Mediates Sexual Differentiation of Calbindin Cell Number in the Mouse Brain
Ilona Golynker, Georgia State University

**Student Recreation and Activity Center - Kiosk 45 Side C**
Effect of RNA Ligase RtcB on Toxicity Induced by VapC Endonuclease Toxins
John Martinez, University of Rochester
Student Recreation and Activity Center - Kiosk 46 Side A
Effects of Lorazepam Treatment on Developing Zebrafish (Danio rerio) Embryos
Ansa Malik, Danielle Early, Tori Mendiola, Kennesaw State University

Student Recreation and Activity Center - Kiosk 46 Side B
Effects of Various Substances on Heart Rates of Daphnia Subjected to G-forces
Rowan Stevens, Tulsa Community College

Student Recreation and Activity Center - Kiosk 46 Side C
Evaluating the Effects of Thujone Esters on Drosophila Canton S.
Dylan Yates, Susquehanna University

Student Recreation and Activity Center - Kiosk 47 Side A
Exploring the Unique ß-amylase2 and Its Novel Potential Binding Partner
Natasha Kreiling, Western Carolina University

Student Recreation and Activity Center - Kiosk 48 Side A
Identification of Mycobacteriophage Larva Toxic Gene Products and Their Cellular Binding Partners
Caleigh Gress-Byrd, Kayla Deacon, Western Carolina University

Student Recreation and Activity Center - Kiosk 48 Side B
In Situ Fiber Digestibility of Soybean Meal and DDGS Pelleted with Corn Stover Compared to Pelleted Corn Gluten Feed for Dairy Cows
Miranda Clausen, Iowa State University

Student Recreation and Activity Center - Kiosk 48 Side C
Metagenomic Taxonomical Analysis Via qPCR
Bennett Harmelink, Lillian Smith, Dordt College

Student Recreation and Activity Center - Kiosk 49 Side A
Investigating the Interaction Between Adenoviral Protein E4 11k and Cellular Processing Body Protein Ddx6
Courtney Moon, Georgia College and State University

Student Recreation and Activity Center - Kiosk 49 Side B
Isolation and Characterization of Corynebacterium Phage Stable Lysogens
Carly Snidow, Mandy Chen, Atharva Vyawahare, Reuben Burch, Sristi Das, Mckinley Williams, Denise Monti, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 49 Side C
In Situ Fiber Digestibility of Soybean Meal and DDGS Pelleted with Corn Stover Compared to Pelleted Corn Gluten Feed for Dairy Cows
Miranda Clausen, Iowa State University

Student Recreation and Activity Center - Kiosk 50 Side A
Lionfish (Pterois volitans) Population Density in Two Different Ecosystems in San Salvador, Bahamas
Bianca Wong Rodriguez, Ashlyne Miller, Drake Milligan, Jacksonville University

Student Recreation and Activity Center - Kiosk 50 Side B
Metagenomic Taxonomical Analysis Via qPCR
Bennett Harmelink, Lillian Smith, Dordt College

Student Recreation and Activity Center - Kiosk 50 Side C
Monitoring Circadian Gene Expression in Xenopus laevis Embryos
Alexandra LaPointe, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 51 Side A
Neurophysiological Effects of Cre-lox Disruption of Vesicular GABA Transport and Synaptic Release from the Supramammillary Hypothalamus
Naomie Gutekunst, Asmita Gathoo, Hyun Seong Seo, Emory University
Student Recreation and Activity Center - Kiosk 51 Side B
Paulding and Sheffield Wildlife Management Area Vascular Plant Inventory: A Comparison Between Two Areas of Different Management Histories
Victoria Romero, Kennesaw State University

Student Recreation and Activity Center - Kiosk 51 Side C
Postpartum Abnormalities in the Montagnard Refugee Communities of Greensboro, NC: An Analysis of Postpartum Food Taboos, Medicinal Plant Use, and Practices
Robin Bigaj, Guilford College

Student Recreation and Activity Center - Kiosk 52 Side A
Productivity of Varying Soil Moistures on Cherokia Georgiana Millipede Mortality Rate
Amarah Shakur, Nathan Whatley, Georgia College and State University

Student Recreation and Activity Center - Kiosk 52 Side B
Regulation of a Potential Sex Difference in Progesterone Receptor Expression by Testosterone in the Prenatal Central Amygdala
Sarah Oleksiak, Bay Path University

Student Recreation and Activity Center - Kiosk 52 Side C
Seasonal Changes in the Prevalence of Bd Infection on Newts
Jubin Kang, Megan Duggins, Liberty University

Student Recreation and Activity Center - Kiosk 53 Side C
The Effect of BPA on Zebrafish Nervous System Development
Stanley Yoon, George Mason University

Student Recreation and Activity Center - Kiosk 54 Side A
The Effect of Probiotics on the Lifespan of the D. melanogaster Pink1 Mutant
Gianyce Gesualdo, University of West Florida

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Jagged1 on Tumor Cell Anoikis
Wendy Zhan, Emory University

Student Recreation and Activity Center - Kiosk 54 Side C
The Fungus Calonectria pteridis and Rhizome Rot of Ornamental American Pitcher Plants (Sarracenia spp.)
Owen Washam, NC State University

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of RAP2.6L in Arabidopsis thaliana During Parasitic Root-knot Nematode Infection
Alison Palasek, Bridgewater State University

Student Recreation and Activity Center - Kiosk 55 Side C
Transforming Growth Factor Beta (Tgfb) Signaling Regulates Developmental Tooth Innervation
Courtney Barkley, Kevin Nguyen, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 56 Side A
Using an Implantable Microchip for Measuring Body Temperature in Dairy Calves
Megan Woodrum, University of Kentucky

Student Recreation and Activity Center - Kiosk 56 Side B
Wild Rice Landscape Ecology: Restoration Implications
Naomi Albert, University of Wisconsin - Stevens Point
Student Recreation and Activity Center - Kiosk 68 Side C
The Effects of Visual and Olfactory Cues on Behavioral Responses in Strawberry Poison Dart Frog (Oophaga pumilio)
Jacob Dayton, Michelina Pinto, Jessica Purick, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 70 Side A
Home Range and Habitat Use of the Eastern Box Turtle (Terrapene carolina) in the North Georgia Piedmont
Kayla Bonadie, Amber Rittgers, University of North Georgia

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side B
Does Device Attachment Influence Consumers’ Perceived Credibility of “Fake” News?
Andrea Martinez, Stephanie LaLuzerne, University of West Florida

Student Recreation and Activity Center - Kiosk 20 Side C
Privacy Concerns About Genetic Testing: Does Ethnicity Matter?
Queen Deinde-Smith, Kennesaw State University

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side C
Characterization of Divalent Metal Phosphites
Olivia Godwin, Kennesaw State University

Student Recreation and Activity Center - Kiosk 60 Side A
Determining Electroosmotic and Electrophoretic Contributions in Microchannels in a Variety of Ionic Strength Conditions
Bryant Menke, University of Nebraska at Kearney

Student Recreation and Activity Center - Kiosk 60 Side B
Electrostatic and Concentration-dependent Effects of Drug Loading on Cationic Nanoparticle Carrier (NPC) Tooth Binding
Julian Maceren, University of Rochester

Student Recreation and Activity Center - Kiosk 60 Side C
Green Synthesis of Graphitic and Chalcopyritic Quantum Dots for Solar Cell Applications
Kinan Abouassali, Salisbury University

Student Recreation and Activity Center - Kiosk 61 Side A
Improvement of Water Softening Systems to Detect for Malfunctioning Ion Exchange Resin Beads
Dakota Nufer, Clayton Holst, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 61 Side B
Modification of Electrode Surfaces Via Chromium Deposition
David Lankitus, Capital University

Student Recreation and Activity Center - Kiosk 61 Side C
Polymer-assisted All Inorganic CsPbI2Br Perovskite Solar Cells
Christine Nnyamah, Tyler Hurst, Albany State University

Student Recreation and Activity Center - Kiosk 62 Side A
SERS Biomarker Detection System
Rafah Flaija, Hamline University

Student Recreation and Activity Center - Kiosk 62 Side B
Synthesis and Characterization of a Cobalt Porphyrin (T(p-Me2N)F4PP)Co with Axially Bound NO
Jordan Bales, University of Wisconsin - Whitewater

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STUDENT POSTER SESSION 6 - FRI 9:45AM-10:45AM

Student Recreation and Activity Center - Kiosk 62 Side C
Synthesis of A Triazacyclic Amine Metalloenzyme Mimic Building Block
Christina Pizza, Andrew Porter, Alexander Condoroteanu-Orovean, Pamela Sandoval-Sanchez, Markis Harris, University of West Florida

Student Recreation and Activity Center - Kiosk 63 Side A
The Chemistry of Glazes
Tamera Taylor, Emily Robison, Cecilie Redding, University of West Georgia

Student Recreation and Activity Center - Kiosk 63 Side B
Towards the Synthesis of a Metal Sensor: Varying Reaction Conditions in the Synthesis of Silver Nanoparticles with 8-Hydroxy-5-quinolinesulfonic Acid Hydrate
Kathryn Ragland, Georgia College and State University

Student Recreation and Activity Center - Kiosk 63 Side C
Water Effects on Room Temperature Ionic Liquids (RTILs) During Electrochemical Reduction Process of Crystalline Silicon (c-Si) from Silicon Dioxide (SiO2)
Luis Juarez, University of Tulsa

Student Recreation and Activity Center - Kiosk 69 Side C
Expansion of the Synthetic Approach to Curcumin and Curcuminoids
Andres Guerrero, University of Wisconsin - La Crosse

COMMUNICATIONS
Student Recreation and Activity Center - Kiosk 67 Side B
Career, Calling and Well-Being
Lucy Cousens, Hope College

Student Recreation and Activity Center - Kiosk 67 Side C
Media Richness Theory and Social Media Influencers: How the Selection and Role of Influencers Impacts Small Business Marketing
Jaclyn Lindquist, Carthage College

COMPUTER SCIENCE
Student Recreation and Activity Center - Kiosk 30 Side A
A Taxonomy of Critical Infrastructure Vulnerabilities: Case Study Approach on SCADA Systems
Jenisha Khanal, Ashley Newsome, University of Tampa

Student Recreation and Activity Center - Kiosk 30 Side B
Becoming a Food Citizen: Using Behavior Change Technologies for the Good of the Planet
Destinee Sprinkle, Furman University

Student Recreation and Activity Center - Kiosk 31 Side A
How Many 5x5 Arrays, Where Each Row and Column Are Perfect Squares That Do Contain 0, Are There?
Jason Brown, Columbus State University

Student Recreation and Activity Center - Kiosk 31 Side B
Network Analysis of the Matrix Trilogy
Nataliia Romanenko, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 31 Side C
Solution for X3P File Manipulation
Talen Fisher, Iowa State University
CRIMINOLOGY/CRIMINAL JUSTICE
Student Recreation and Activity Center - Kiosk 38 Side A
Hiding In Plain Sight: Non-Text Communications and Violent Crime on Social Media
Annalyssia Soonah, Western Carolina University

ECONOMICS
Student Recreation and Activity Center - Kiosk 19 Side B
Cost-Effectiveness Analysis of Air Pollution Mitigation in Southwest Detroit
Obaidah Bitar, Wayne State University

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side B
Best Practices for Implementing a Cyberbullying Prevention Program in the Middle School Setting
Alyssa Lofaro, Siena College

Student Recreation and Activity Center - Kiosk 32 Side C
Does Socioeconomic Status Affect Nutrition Options in Schools?
Kristen Weber, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 33 Side A
Leadership Style Predicts Student Outcomes: Exploring the Relationships Between Generative Leadership, Academic Performance, Adjustment, and Leader Behaviors
Yifan Xue, University of Michigan

Student Recreation and Activity Center - Kiosk 33 Side B
Pre-Service Elementary Teachers Using Augmented Reality to Learn About Force and Motion
Devan Patel, David Rosengrant, Devan Patel, Kennesaw State University

Student Recreation and Activity Center - Kiosk 33 Side C
Student and Teacher Viewpoints in ESL Pronunciation with a Textbook Analysis
Victoria Millard, Berry College

ENGINEERING
Student Recreation and Activity Center - Kiosk 21 Side C
3-D Cell Microenvironment with Wound-on-a-Chip
Caulen Ward, Texas Tech University

Student Recreation and Activity Center - Kiosk 22 Side A
Analyzing Human Tendons and Muscles Elasticity In Vivo During Static Stretching
Christian Lockwood, Chandler Palmer, Alan Palmer, Kennesaw State University

Student Recreation and Activity Center - Kiosk 22 Side B
Autonomous Robot Lane Localization Utilizing ROS and Machine Vision
William Howland, Kennesaw State University

Student Recreation and Activity Center - Kiosk 22 Side C
Commercial Celgard 2400 Membrane as Supporting Film for Air Cathode in Zn-air Batteries
Yanghang Huang, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 23 Side A
Design, Simulation, and Fabrication of a Composite Foot Support for Bunions
Shanice White, Levi Brindle, Kennesaw State University

Student Recreation and Activity Center - Kiosk 23 Side B
Dynamic Filtration Test Experiments Design
Jenom Pyeng, Tapiwa Gasseler, Midwestern State University
Student Recreation and Activity Center - Kiosk 23 Side C
Energy Storage System Implementation and Testing for Smart Grid Applications
Ian Buck, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 24 Side A
Flow Through a Periodic Bed of Circular Obstacles
Sharon Edward, University of Kentucky

Student Recreation and Activity Center - Kiosk 24 Side B
Improving Neurophysiological Implantation in Mice – High Resolution 3D-Printed Headplates with Multiple Electrodes
Katherine Zhu, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 24 Side C
Investigation of the Applicability of High Performance Concrete In Precast Concrete Remediation and Reinforcement
Abdihakim Omar, Virginia Military Institute

Student Recreation and Activity Center - Kiosk 25 Side A
Mechatronic Cell Flagellum Model
Joseph Wagner, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 25 Side B
Multi-Object Tracking System
Graham Roper, Timothy Gallion, Cameron McKinney, Kennesaw State University

Student Recreation and Activity Center - Kiosk 25 Side C
Photo-acoustic Imaging for Safe and Point-of-care Bone Dosimetry in (preterm) Neonates
Zainab Ahmed, Rebecca John, Michael Nicolas, Wayne State University

Student Recreation and Activity Center - Kiosk 26 Side B
Stirling Engine
Chong Tian, Kennesaw State University

Student Recreation and Activity Center - Kiosk 26 Side C
The Utility of a Near-infrared Spectrometer to Predict the Maturity of Peas (Pisum sativum)
Julia Rogers, University of Wisconsin - River Falls

Student Recreation and Activity Center - Kiosk 27 Side A
UV Light Treatment of Barn Inlet Air to Mitigate PRRS Transmission
Peiyang Li, Iowa State University

ENGLISH & LITERATURE
Student Recreation and Activity Center - Kiosk 38 Side B
Black in the Blues; White in English
Scott Holmes, University of Wisconsin - Superior

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 64 Side A
Battle of the Sexes: Perceptions of Men vs. Women Regarding to Fertility Factors
Samantha Mumma, University of West Florida

Student Recreation and Activity Center - Kiosk 64 Side B
Effects of Conservation Practices on Non-Native Plant Abundance
Benjamin Rhoades, Elizabeth R. Rush, George Mason University

Student Recreation and Activity Center - Kiosk 64 Side C
Feasibility of Low-Cost Air Quality Sensors for Mobile Emissions Analysis
Nic Alton, Georgia Institute of Technology
Student Recreation and Activity Center - Kiosk 65 Side A
Investigating the Ability of Water Treatment Residuals to Filter Contaminants
Lauren Barber, Georgia College and State University

Student Recreation and Activity Center - Kiosk 65 Side B
Plastic Jellyfish? Evaluation of Microplastic Uptake by Gelatinous Zooplankton Species
Eliza Wilczek, Bentley College

Student Recreation and Activity Center - Kiosk 65 Side C
Soil Seedbank Analysis of Various Wetland on Sapelo Island
Emily Glasco, Marina Williams, Idah Ngoma, Christine Mutiti, Samuel Mutiti, Georgia College and State University

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side A
Aquaponics: Do Classroom Projects Only Help Students?
Katie Unvert, University of Nebraska at Kearney

Student Recreation and Activity Center - Kiosk 6 Side A
Macronutrient Caloric Distribution Affects Metabolic Syndrome Parameters Among College Students
Sheryl Chee, Sara Saltzgiver, Weber State University

Student Recreation and Activity Center - Kiosk 6 Side B
The Correlation Between Work and Well-Being and Life Orientation
Constance Haynes, Cara Daniels, University of Central Oklahoma

GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side A
Black Carbon Analysis of Snow Samples from the Wasatch Front Using the Single Particle Soot Photometer
Baylee Olds, University of Utah

Student Recreation and Activity Center - Kiosk 41 Side B
Spatial Analysis of Land Cover Type Around Poultry Farms as a Potential Risk Factor for the Occurrence of Mycoplasma Synoviae and Vaccinal Laryngotracheitis
Nicki Smith, Kennesaw State University

HISTORY
Student Recreation and Activity Center - Kiosk 39 Side B
Public Lands Public Identity
Frank Janovec, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 39 Side C
The Issue of Comfort Women: An Analysis of Japan’s Dehumanization and Colonialization of Korea
Christian Mack, Trevecca Nazarene University

INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
Can Music Affect Empathy?
Keara Moore, Roanoke College

Student Recreation and Activity Center - Kiosk 35 Side A
Food Insecurity in Venezuela: An Analysis of the Interrelationship of Social, Cultural, Economic and Political Systems
Amanda Reggeti, University of Kansas School
Student Recreation and Activity Center - Kiosk 35 Side C
Starwin: Human Evolution on Mars
Caleb Ford, Lone Star College System The Honors College

Student Recreation and Activity Center - Kiosk 36 Side A
Understanding Children's Perspectives on the Definitions and Importance of Play
Dayna Goldfarb, Carleton University

LAW & LEGAL STUDIES
Student Recreation and Activity Center - Kiosk 37 Side C
Experiential Access to Justice: Formulating Clinical Legal Education for Paralegal Programs
Conner Suddick, Hamline University

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
Asset or Liability? A Statistical Analysis of NBA Player Impact During the 2017-18 Season
Joshua Sukumar, Kennesaw State University

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side A
A Report on Generating Social Marketing Messages from the Results of a Cross-sectional Study in an Effort to Reduce Single-use Plastic Among College Students
Sarah Olson, McKayla Elliott, Eastern Washington University

Student Recreation and Activity Center - Kiosk 1 Side B
Beyond the Bubble Bath: Circulatory System Benefits of Hydrotherapy For Elderly Long-Term Care Residents
Katherine Kubicek, Robert Boyette, Veronica Buendia, Jessica McMahon McMahon, University of Memphis-Lambuth

Student Recreation and Activity Center - Kiosk 1 Side C
Closing the Health Disparity Gap Among Minority Populations: the Impact of the Affordable Care Act on Health Insurance Coverage in the United States
Britney Thomas, Theresa Brock, Teneisha Butler, Stephanie Casasola, Ngozi Nweke, Ashley Okunseri, Lainey Sherman, Michelle Ugwu, Baylor University

Student Recreation and Activity Center - Kiosk 2 Side A
Difference in Clinical Presentations of Kabuki Syndrome Based on Sex (male/female)
Tyler Rapp, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 2 Side B
Evaluation of an Intervention to Improve Patient-provider Relationships in an Indigenous Community
Brianna Bull Shows, Montana State University

Student Recreation and Activity Center - Kiosk 3 Side A
Increasing Cultural Competence of LGBT Health Needs
Erin Hickey, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 3 Side C
Pretransplant Survival of Patients with End-stage Heart Failure Under Competing Risks
Kevin Smith, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 4 Side A
Sex and Intimacy: Definitions and Their Impact on Safer-sex, Pleasure, and Inclusiveness for LGBTQ+ Communities in Urban India
Donna Blekfeld-Sztraky, University of North Carolina at Charlotte
PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side A
Highlights from the INTEGRAL Spiral Arms Monitoring Program
Anyauna Spikes, Georgia College and State University

Student Recreation and Activity Center - Kiosk 28 Side B
Characterizing a Newly Discovered Galaxy Cluster in X-Rays
Audrey Lang, University of Michigan

Student Recreation and Activity Center - Kiosk 28 Side C
Experimental Studies of Transport Properties of Novel Amorphous Fe-Dy-O Thin Films
Sara Bey, University of Tennessee at Chattanooga

PHILOSOPHY, ETHICS, & RELIGIOUS STUDIES
Student Recreation and Activity Center - Kiosk 19 Side A
Millennials: Matter of Life and Death
Kaylee Lessen, North Central College

POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 36 Side C
Diversity on National High Courts: A Cross National Analysis of Influential Factors Determining Judicial Selection
Genna Kasian, Elon University

PHYSICAL/OCCUPATIONAL THERAPY & SPEECH LANGUAGE PATHOLOGY
Student Recreation and Activity Center - Kiosk 6 Side C
Phonological Neighborhood Density’s Role in the Image Naming Process
Rebecca Willer, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 7 Side A
Maternal Lexical Diversity Within Infant-Directed Speech and Language Abilities in Children With Autism Spectrum Disorder
Brittany Sloan, Kathryn Brewer, University of West Georgia

Student Recreation and Activity Center - Kiosk 7 Side B
Transgender Voice: Suprasegmental and Quality of Life Considerations
Anna Whyburn, Destiny White, Texas Woman’s University

PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side A
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POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 36 Side C
Diversity on National High Courts: A Cross National Analysis of Influential Factors Determining Judicial Selection
Genna Kasian, Elon University
STUDENT POSTER SESSION 6 - FRI 9:45AM-10:45AM

Student Recreation and Activity Center - Kiosk 37 Side A
Interaction and Competition of Violent Non-State Actors in Africa and Asia
Yesika Sorto Andino, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 37 Side B
Social Media Influence on Voter Turn Among College Students
Jordyn Horvath, University of Wisconsin - Stout

PSYCHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side C
Lactobacillus plantarum Alters Food Cravings Without Changing Body Composition
Fiama Mastrangelo, University of Florida

Student Recreation and Activity Center - Kiosk 8 Side A
Active Languages, Do They Affect English Processing?
Taylor Riches, Adelphi University

Student Recreation and Activity Center - Kiosk 8 Side B
An Exploration of the Differences Between Student Veterans and Civilian Students in Mental Health and Academic Performance
Michelle Chatterley, Cason R. Dotson, Utah Valley University

Student Recreation and Activity Center - Kiosk 8 Side C
Can You Adapt to a Virtual Rollercoaster? Using Stomach Activity and Surveys to Assess Simulator Sickness Over Time
Nicole Dischiavi, Bryson Daniels, Lydia Henderson, Chloe Hourigan, Clemson University, Clemson

Student Recreation and Activity Center - Kiosk 9 Side A
Colorism
Jansen Felton, David Martin, Fort Valley State University

Student Recreation and Activity Center - Kiosk 9 Side B
Cortisol’s Role as a Biomarker Mediating Alzheimer’s Disease Pathology: A Machine Learning Approach
Anudeep Nakirikanti, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 9 Side C
Did I Forget Something? Prospective Memory and Stress in College Students
CaSaundra White, Ayana Bryant, Kennesaw State University

Student Recreation and Activity Center - Kiosk 10 Side A
Effects of Percent Reinforcement on Pigeon’s Accuracy in Midsession Reversal Tasks
Daniel Peng, Dalton House, University of Kentucky

Student Recreation and Activity Center - Kiosk 10 Side B
Evaluating Roles of Prosodic and Lexical Cues in Sarcasm Perception
Samantha Langley, Sivana Barbee, University of South Carolina Upstate

Student Recreation and Activity Center - Kiosk 10 Side C
Examining the Relationships Between Race-Related Stress and Anxiety About Violence
Riley O’Neill, University of Alabama

Student Recreation and Activity Center - Kiosk 11 Side A
False Memories and the Misinformation Effect: Impacts on Classroom Learning
Sophie Meyers, Adelphi University
Student Recreation and Activity Center - Kiosk 11 Side B
Gender, Perfectionism, and Math Self-Efficacy in Elementary and Middle School Students
Veronica Scott, University of Kentucky

Student Recreation and Activity Center - Kiosk 11 Side C
Humor and Gender, A Perceived Bias
Alex Carron, Brescia University

Student Recreation and Activity Center - Kiosk 12 Side A
Investigation of the Relationship Between Destructive Leadership, Counterproductive Work Behaviors, and Turnover Intention: Moderated by Narcissism and Psychological Needs
Nicole Baker, Kennesaw State University

Student Recreation and Activity Center - Kiosk 12 Side B
Knowledge About Health Outcomes in College Students
Anjie Adeyemo, Cameron Pearson, Brooke Bentley, Chase Redd, Shaharazad Muhammad, Margot Aldana, Giovanni Still, Lora Asberry, Jeavanie Desarmes, Kennesaw State University

Student Recreation and Activity Center - Kiosk 13 Side B
Nature and Mental Health Treatment: Preferences Towards Psychological Therapy Type Based on Client Personality
Keely Bieniak, North Central College

Student Recreation and Activity Center - Kiosk 13 Side C
Protection and Betrayal Among Strangers and Friends: A Preliminary Examination
Ahmad Sarris, Courtney Denton, Emily Griner, Kennesaw State University

Student Recreation and Activity Center - Kiosk 14 Side A
Reduced Hippocampal Volume in Comorbid Alcohol Use Disorders and Major Depression
Abigayle McClendon, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 14 Side B
Ro 63-1908, Glutamate NMDA NR2B Subunit Antagonist, Blocks the Acquisition of Methamphetamine Conditioned Place Preference
Karson Evans, Hunter Campbell, Haley Day, Lauren Hawley, Hephzibah Igwe, Joy Kappesser, Amber Miller, Christopher Murray, Brett Torline, Northern Kentucky University

Student Recreation and Activity Center - Kiosk 14 Side C
Shared Governance and Academic Freedom Based on Carnegie Classification
Cason Dotson, Chase Jenson, Utah Valley University

Student Recreation and Activity Center - Kiosk 15 Side A
Superman Isn’t So Super: A Critical Look at the Treatment of Women, as Portrayed Through Lois Lane
Hannah Boulware, University of Tennessee at Chattanooga

Student Recreation and Activity Center - Kiosk 16 Side A
The Impact of Improv Theatre on Juveniles Who Commit Sexual Crimes
Emma Jones, Furman University
Student Recreation and Activity Center - Kiosk 16 Side B
The Relation Between Media Violence Exposure and Finding Humor in Media Violence
Sabrina Ash, Iowa State University

Student Recreation and Activity Center - Kiosk 16 Side C
The Stressful Life of a College Student: A Look at Needs Frustration and the Effects of Self-doubt and Low Self-efficacy
Elizabeth Cherry, Kennesaw State University

Student Recreation and Activity Center - Kiosk 17 Side A
Validation of Pupillometry as an Objective Measurement with the Use of Virtual Reality
Kelsey Gaskins, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 17 Side B
World Education Through Virtual Reality
Kaleb Farman, University of West Florida

Student Recreation and Activity Center - Kiosk 69 Side B
Reducing the Intergroup Sensitivity Effect Among Racial Groups
Kaelyn Ireland, Brooke Cassanova, Kennesaw State University

SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 20 Side A
The Efficacy and Impact of Nonprofit Annual Reporting
Whitney Doss-Spear, Kennesaw State University

SOCIOLOGY
Student Recreation and Activity Center - Kiosk 17 Side C
At a Breaking Point
Alayna Wier, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 18 Side A
Factors Related to Immigrants' Success in College STEM
Isaiah Roberts, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 18 Side B
Research on Cadets Motivations, Expectations, and Goals Regarding Joining the Military
Anne McShane, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 18 Side C
The Lingering Effects: Family Members of the Incarcerated
Olivia Alvarez, University of California - Merced

Student Recreation and Activity Center - Kiosk 69 Side A
Mental Health Patients, Inmates and the Opioid Crisis: Utilizing the National Survey of Drug Use and Health (nsduh)
Amber Adair, Kennesaw State University
STUDENT POSTER SESSION 7 - FRI 11:00AM-12:00PM

ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side A
Asian American Representation on Social Media Platforms
Ashley Lee, Hayley Nelson, Chapman University

Student Recreation and Activity Center - Kiosk 40 Side B
Nationalism & Ethnicity in the Koreas: Navigating Reunification
Ayla McCay, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 40 Side C
The Impact on the Use of Second-hand Clothing
Hannah Bauguess, Marcus Pettiford, Landis Guy, Bryant Long, Brianna Arquitt, Kennesaw State University

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN
Student Recreation and Activity Center - Kiosk 68 Side A
Clarkston: A Place for the [Dis]placed
Elizabeth Nguyen, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side B
Reframing Redevelopment and Gentrification: By Empowering, Preserving, and Sustaining Women in the West End Community
Dyesha Holmes, Kennesaw State University

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side B
Ceramic Sculptures in the Production of Cultural Identities in England, China, and Okinawa
Michael May, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 66 Side C
Islamic Aesthetic
Nichole Burroughs, University of Central Oklahoma

BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side C
Characterization of DNA Binding of Exogenously Deliverable Recombinant Pluripotency Inducing Factor CBS-Oct4
Kristi Moncja, Laura-Maria Oja, Kennesaw State University

Student Recreation and Activity Center - Kiosk 57 Side A
Determining the Structure and Function of Unique Regions Found in the DNA Polymerase Gamma of Cryptococcus Neoformans
Lindsey Farris, Dylan Rood, Western Carolina University

Student Recreation and Activity Center - Kiosk 57 Side C
Identification of Conserved Motifs Important for Trm732 Function
Daisy DiVita, Northern Kentucky University

Student Recreation and Activity Center - Kiosk 58 Side A
Investigating the Binding Mechanism of EB1 to Microtubules
Kyle White, University of Minnesota, Twin Cities
OGA Inhibition Alters DNA Hydroxymethylation in the Epileptic Hippocampus
Kruthika Gurukkal, University of Alabama at Birmingham

Role of SEC24 O-GlcNAcylation in COPII Trafficking
Caitlin Lamb, Duke University

Synthesis and Study of Influence of Nucleic Acid Intercalators on Proto-nucleobase/nucleotide Assemblies
Aditya Kokkar, Georgia Institute of Technology

Using Mung Bean Nuclease and Bal 31 Nuclease to Probe the Binding of N-methylpyridylporphines to PhiX174 DNA
Edilmary Urdaneta, Florida International University

A Novel Strategy for Targeting HIV – Today and in the Future
Richard Suarez, Florida International University

An Embryonic Stem Cell-Based Model to Investigate Neurotoxicity
Buay Deng, Sepanta Alamooti, Marah Navarroza, Avital Leviev, Ana-Gabriela Barrera, Dominican University of California

Assessing Pseudomonas aeruginosa Biofilm Extract as a Potential Inducer of DNase A from Environmental Isolates
Kyra Watral, Jacksonville State University

Bioluminescence in Ctenophora: Use of Biologging Sensors to Evaluate Predatory Behavior
Joshua Wright, Lone Star College System The Honors College

Casein Kinase 2 Induction Via Oxidative Stress as a Potential Mechanism for 14-3-3 Phosphorylation
Anjali Kamath, University of Alabama at Birmingham

Characterizing PELP1 L798Cfs*14 in Colorectal Cancer
Morgan McCullough, University of Minnesota, Twin Cities

Comparison of Digestibility of Forages in Steers Supplemented with Saccharomyces cerevisiae on a High and Low Quality Forage Diet
Anissa Garcia, Sul Ross State University

CRISPR/Cas9 Gene Knockout in Arabidopsis Plants
Katie Hillmann, Christopher Morales Farfan, Hamline University

Detection of Antibiotic Resistance Genes (ARGs) in Aquatic Systems of Eastern GA
Jacob Harman, Lagrange College
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<td>Do Neonicotinyl Insecticides Affect Birds as They Do Bees?</td>
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<td>Student Recreation and Activity Center - Kiosk 45 Side C</td>
<td>Effect of Rose Bengal on NMDA Receptor Activity</td>
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<td>Effects of Oscillating Electromagnetic Fields on Myxococcus xanthus Fruiting Bodies</td>
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<td>Student Recreation and Activity Center - Kiosk 46 Side B</td>
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<td>Functional Study of Chemotaxis Response Regulators and Histidine Kinases of Azospirillum brasilense</td>
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<td>Glymphatic Suppression Produces Sensorimotor, Cognitive and Exploratory Deficits Following “Hit and Run” Traumatic Brain Injury Induction in Mice</td>
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<td>Student Recreation and Activity Center - Kiosk 48 Side A</td>
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<td>In vitro Induction of Polyploidy of Stevia rebaudiana by Colchicine Treatment of Micropropagated Diploids</td>
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<td>Interactions of Millipedes and Nitrates: Nitrification Potential and the Microbiome</td>
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<td>Student Recreation and Activity Center - Kiosk 49 Side B</td>
<td>Investigating the Possible Correlation Between Human Population Size in Pennsylvanian Counties Coyote Diet (Canis latrans)</td>
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Student Recreation and Activity Center - Kiosk 49 Side C
Isolation and Exposure of Human Embryonic Kidney (HEK) Cell Exosomes to HEK Cells in Oxidative and Non-oxidative Environments
Brinley Harrington, Western Carolina University

Student Recreation and Activity Center - Kiosk 50 Side A
Localization of Pat1b Proteins During Adenovirus Infection
Kaylyn Scanlon, Georgia College and State University

Student Recreation and Activity Center - Kiosk 50 Side B
Microbial Source Tracking in Local Waterways
Kara Ogburn, Trevor Johnson, Salisbury University

Student Recreation and Activity Center - Kiosk 50 Side C
More Then Meets the Eye: Revealing Cryptic Diversity in the Crayfish of Coastal Georgia
Jordan Yacoub, Caroline Fowler, Georgia College and State University

Student Recreation and Activity Center - Kiosk 51 Side A
Neurotoxic Methamphetamine Exposure: Methods in Determining Blood Brain Barrier Disruption Using Evan’s Blue Dye
Loren Makhoul, Christopher Kramer, University of North Georgia

Student Recreation and Activity Center - Kiosk 51 Side B
Pavlovian to Instrumental Transfer Phenotypes in Mice with Autism-Associated NLGN3 Mutation
Sowmya Narayan, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 51 Side C
Potential Transmission of Snake Fungal Disease Through Wooden Box Traps in Biodiversity Study
Brandon Jack, Kennesaw State University

Student Recreation and Activity Center - Kiosk 52 Side A
Progression and Persistence of Eosinophilic Rhinitis in Ozone-Exposed Rats
Eden Teshome, George Mason University

Student Recreation and Activity Center - Kiosk 52 Side B
Regulation of Autophagy by Glutathione Through the SnRK1 Signaling Pathway in Plants
Zahra Barkley, Iowa State University

Student Recreation and Activity Center - Kiosk 52 Side C
Seasonal Plasticity Differs Between Aquatic and Terrestrial Life History Stages in the Eastern Newt (Notophthalmus viridescens)
Roxanne Siuda, Elmhurst College

Student Recreation and Activity Center - Kiosk 53 Side A
Sodium Ingestion by Wildlife in a Bottomland Hardwood Ecosystem
Isabella Hadley, Caitlyn Butcher, Tulsa Community College

Student Recreation and Activity Center - Kiosk 53 Side B
Synthesis and Evaluation of Lipid Inhibitors: A New Class of Antibiotics to Combat Gram-Negative Bacteria
Katherine Nielson, Black Hills State University

Student Recreation and Activity Center - Kiosk 53 Side C
The Effect of Chlorpyrifos Exposure on the Locomotion of C. elegans
Lillian DeGennaro, Lance Shealy, Lagrange College
Student Recreation and Activity Center - Kiosk 54 Side A
The Effect of Probiotics on the Neuron Health of the D. melanogaster Pink1 Mutant
Yanitzia De La Cruz, University of West Florida

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Keratin on Human Embryonic Kidney Cell Proliferation Under Oxidized Stress
Emily Zipay, Western Carolina University

Student Recreation and Activity Center - Kiosk 54 Side C
The Identification of Genetic Associations of Young Onset Strokes
Kelsea Chang, Lafayette College

Student Recreation and Activity Center - Kiosk 55 Side A
The Role in JNK in Sea Urchin Cleavage Stage Development
Tyra Gibson, Isaac Weston, Susquehanna University

Student Recreation and Activity Center - Kiosk 55 Side C
Tumor Suppressor P53 Promotes Degradation of the Stress Transcription Factor HSF1 and Worsens Huntington’s Disease Pathology
Taylor Intihar, Nicole Zarate, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 56 Side A
Using Environmental DNA and Next-generation Sequencing to Characterize Biological Communities in the Central Highlands of Arizona
Courtney Turner-Rathbone, Embry-Riddle Aeronautical University

Student Recreation and Activity Center - Kiosk 56 Side B
Within-Population Spatial Genetic Structure of the Bull Kelp, Nereocystis luetkena
Gaëlle Sehi, University of Wisconsin - Milwaukee

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side B
Entertainment Agencies in the College Market: A Location Analysis
Kendall Bacon, Carthage College

Student Recreation and Activity Center - Kiosk 21 Side A
The State of the Audit Committee: What We Have Learned in the SOX Era
Annika Gogan, University of Wisconsin - Milwaukee

CHEMISTRY
Student Recreation and Activity Center - Kiosk 60 Side B
Esterification of Carboxylic Acids for Analysis Via Gas Chromatography
Elizabeth Vaughan, Taylor Ramsey, Appalachian State University

Student Recreation and Activity Center - Kiosk 60 Side C
Homogeneous Sol-gel Coating of Manganese Dioxide Nanofibers to Prevent Cathode Dissolution
Zeljka Zec, Milan Haddad, Kennesaw State University

Student Recreation and Activity Center - Kiosk 61 Side A
Increasing the Antibiotic Sensitivity of P. aeruginosa Via Siderophore-Mediated Strategies
Amy Farr, University of Georgia
Student Recreation and Activity Center - Kiosk 61 Side B
Modulation of the Thermal Phase Behavior of Phospholipid Membranes Upon Interaction with Non-Steroidal Anti-Inflammatory Drugs
Anneliese Jagarnath, Brona O’Sullivan, Leyla Valerio, Iona College

Student Recreation and Activity Center - Kiosk 61 Side C
Polyunsaturated Fatty Acids Induced Molecular Organization in Phospholipid Membranes: Effects of Alpha-Tocopherol
Shea Foley, Iona College

Student Recreation and Activity Center - Kiosk 62 Side B
Synthesis and Characterization of a Water Soluble Ligand for the Separation of Actinides from Lanthanides in Spent Nuclear Fuel Waste
Conner Masteran, Salisbury University

Student Recreation and Activity Center - Kiosk 62 Side C
Synthesis of a Water-Soluble N-Heterocyclic Carbene Rhodium(I) Complex and Reaction with HNO2
Maria DiBella, Iona College

Student Recreation and Activity Center - Kiosk 63 Side B
Towards Two-Step Haloalkynylation of Sulfonamides
John Toribio, Iona College

Student Recreation and Activity Center - Kiosk 63 Side C
Statistical Analysis of Empirical Skateboard Data to Aid in Rider Training
Adnan Rashied, Nnamdi Nwajagu, Seunghyeon Shin, Joshua Brock, Kennesaw State University

COMUNICATIONS

Student Recreation and Activity Center - Kiosk 67 Side B
Corporate Social Responsibility: Do Companies Actually Care About Their Corporate Social Responsibility Efforts or Is It Simply to Raise Their Bottom Line and Improve Their Public Image?
Christina Koch, Carthage College

Student Recreation and Activity Center - Kiosk 67 Side C
Productivity of Academic Organizations with Expatriate Employees
Cameron Gibson, Kennesaw State University

COMPUTER SCIENCE

Student Recreation and Activity Center - Kiosk 30 Side B
Brain-Computer Interface: The Primer Demographic Performance Analysis
James Hamilton, Harriet Haisty, Jinmyeong Kim, Sadie Palmer, Xuan Zhao, Matthew Hamilton, Intae Kim, Xiangzhi Chai, Sarah North, Kennesaw State University

Student Recreation and Activity Center - Kiosk 30 Side C
Designing Mobile Applications for Traditional Photography: Modern Design for Traditional Work
Zade Zafar, Georgia College and State University

Student Recreation and Activity Center - Kiosk 31 Side B
Object Identification Using Convolutional Neural Networks and Machine Learning
Michael Williams, Georgia Southern University

Student Recreation and Activity Center - Kiosk 31 Side C
Living Black In A Field of Brown
Rochelle Mulondo, Nonzenzele Aldonza, Kaline Leke, Manuel Leon, University of California - Merced
ECONOMICS
Student Recreation and Activity Center - Kiosk 1 Side B
Student Debt and the Crowd Out Effect
Daniel Black, Eastern Washington University

Student Recreation and Activity Center - Kiosk 33 Side C
Student Reading Interest Over Time in Reference to UCARE
Marin Easton, Utah State University

Student Recreation and Activity Center - Kiosk 34 Side A
Undergraduate Research and Volunteer Projects Inform and Accelerate the Wesley STEM Programs Decision-making Processes
Lily Neff, Wesley College

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side A
Gabrielle Brueck, Georgia Southern University

Student Recreation and Activity Center - Kiosk 33 Side A
Learning About Statistical Distributions and Typical Values in Sixth Grade
Nicholas Bennett, Rachel Dean, Salisbury University

Student Recreation and Activity Center - Kiosk 33 Side B
Preservice Teachers’ Perceptions and Practical Implications on Culturally Responsive Teaching Through Technology Integration
Laquita Ngando Duvall, Kennesaw State University

Student Recreation and Activity Center - Kiosk 33 Side C
Student Reading Interest Over Time in Reference to UCARE
Marin Easton, Utah State University

ENGINEERING
Student Recreation and Activity Center - Kiosk 21 Side C
4. Educational Brain CAD Model
Osvaldo Perez, Linda Jimenez, San Jacinto College

Student Recreation and Activity Center - Kiosk 22 Side A
Analyzing Properties of Concrete with Embedded Plastic/foam
Carlos Argueta, Laura Flores, San Jacinto College

Student Recreation and Activity Center - Kiosk 22 Side B
Bacteria Hand-Held Sensor
Andrew Thompson, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 23 Side A
Designing a Software for Line-Tracing Plasma Tube Notcher
James Stimpson, Kennesaw State University

Student Recreation and Activity Center - Kiosk 23 Side C
Evaluating Wetlands as a Means of Natural Defense Against Storm Surges
Mera Shabti, George Mason University
STUDENT POSTER SESSION 7 - FRI 11:00AM-12:00PM

Student Recreation and Activity Center - Kiosk 24 Side A
Fluid Mechanics of Underwater Bubble Sniffing
Cyrus Tanade, Cyrus Tanade, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 24 Side C
Low-cost Programmable High Accuracy Lithium-ion Battery Analyzer with Real-time Data Acquisition Capability
Jacob Barron, Bradley Reynolds, Johnathan Rogers, Kevin Ruch, Kennesaw State University

Student Recreation and Activity Center - Kiosk 25 Side C
Porous Material for Filtration of Ammonia from Water
Louis Chapman, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 26 Side A
Resiliency Assessment and Planning Tool
Hannah Thomas, Embry - Riddle Aeronautical University

Student Recreation and Activity Center - Kiosk 26 Side C
Three-Dimensional Quantitative Phase Imaging of Immobilized Biological Cells
Ashton Hattori, Ji Chun, Ibrahim Islam, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 27 Side A
Validation of a Continuum Turbulence Model For Coarse Multiphase Flow Simulation
Cameron Brown, Fort Valley State University

Student Recreation and Activity Center - Kiosk 27 Side C
ENGLISH & LITERATURE
Student Recreation and Activity Center - Kiosk 38 Side B
Esther Reed's Political Sentiments and Rhetoric During the Revolutionary War
Kennedy Harkins, University of Central Florida

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 63 Side C
The Impact of Rapid Urbanization on Soil Quality: A Comparison of Soils in Urban and Suburban Settings of New York
Rebecca Victoria, City University of New York - York College

Student Recreation and Activity Center - Kiosk 64 Side B
Effects of Foliar Iron Application on Switchgrass Grown in Lead Contaminated Soil
Katherine Doussa, Kennesaw State University

Student Recreation and Activity Center - Kiosk 64 Side C
Geographic Analysis of Priority Areas on Private Land with Conservation Need in Virginia
Rachel Melton, Virginia Polytechnic Institute & State U

Student Recreation and Activity Center - Kiosk 65 Side A
In-Vitro Nephrotoxicity of Brominated Flame Retardants in Rat and Human Renal Cells
Naomi Siddiquee, University of Georgia

Student Recreation and Activity Center - Kiosk 65 Side B
Power Production of Limiting Nutrients in Microbial Fuel Cells
Zayyan Swaby, Stony Brook University
Student Recreation and Activity Center - Kiosk 65 Side C
Sound Pollution and Its Impact on Bird Behavior
Thalia Williamson, Albright College

Student Recreation and Activity Center - Kiosk 66 Side A
Unravelling the Evolutionary History and Future Prospects in a Biodiversity Hotspot: An Integrated Approach to Species Delimitation in the Ringneck Snake Diadophis punctatus
Emily Miles, Polly Strott, University of West Georgia

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side A
Biomechanical Implications of Knee Flexion in a Young Adult with a History of Resolved Idiopathic Toe Walking: A Case Study
Micah Poisal, Kennesaw State University

Student Recreation and Activity Center - Kiosk 5 Side B
Effect of Twenty Weeks of Non-Contact Boxing on Upper- and Lower-Body Muscular Performance in Two Individuals with Parkinson's Disease
Michaela Alesi, Kennesaw State University

Student Recreation and Activity Center - Kiosk 5 Side C
Following Endurance Training, Increased VO2max Is Associated with Improved Anti-lipolytic Action of Insulin
Alexander Simmons, University of Kentucky

Student Recreation and Activity Center - Kiosk 6 Side A
MyPlate Food Group Consumption Predicts Metabolic Parameters Involved in Chronic Disease
Alexander Nielson, Adam Baker, Weber State University

Student Recreation and Activity Center - Kiosk 6 Side B
The Difference in Pulmonary Function in Endurance Athletes and Wind Instrument Players
Mallory Butchko, Gustavus Adolphus College

GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side A
Creating a Method Using Landsat 8 Imagery and ENVI to Measure NDVI and Calculate Amount of Discharge from Blue Lake, Utah
Emily Kam, University of Utah

Student Recreation and Activity Center - Kiosk 41 Side B
The Business Expansion of Northeast Brazil Endangers Nonhuman Primate Cultures
Kathleen Stafford, Salisbury University

HISTORY
Student Recreation and Activity Center - Kiosk 39 Side A
Forgotten Founders and Fictional Facts: The Unique Story of Elizabeth Stetson Countess of Santa Eulalia
Jessica Algieri, Stetson University

Student Recreation and Activity Center - Kiosk 39 Side C
The Ladies of Lucknow: Female Imagery and Its Influence on Mutiny Suppression
Jessica Scheriff, Iona College

INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
Combating Food Insecurity with GMOs: An Evaluation of the Discourse of Agricultural Biotechnology
Bailee Atencio, Lone Star College System The Honors College
STUDENT POSTER SESSION 7 - FRI 11:00AM-12:00PM

Student Recreation and Activity Center - Kiosk 35 Side A
Forensic and Cultural Analysis of Pipe Tomahawk
Christian Knutson, Black Hills State University

Student Recreation and Activity Center - Kiosk 35 Side B
Moving Beyond Behavioral Intentions: Using TAM to Design Software for Beekeepers and Measure Adoption Rates
Preston MacDonald, Appalachian State University

Student Recreation and Activity Center - Kiosk 35 Side C
The Computational Investigation of the Novel Anticancer Drug, GH501, as an Inhibitor of AKR1C3
Lauren Wilson, University of Georgia

Student Recreation and Activity Center - Kiosk 36 Side A
Veiled Legacy: Demystifying America’s Intervention in El Salvador’s Civil War
Diego Degenhart, Lone Star College System The Honors College

Student Recreation and Activity Center - Kiosk 36 Side B
Sociodemographic Make-up of Maternal Morbidities Across the United States: A 2017 Natality Data Analysis
Vidhya Balasubramanian, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 69 Side B
Water Crisis in the West Bank
Abigail Loughlin, George Mason University

LAW & LEGAL STUDIES
Student Recreation and Activity Center - Kiosk 37 Side C
The Effectiveness of Gun Control Laws
Megan VanEgdom, University of Wisconsin - Stout

LINGUISTICS & WORLD LANGUAGES
Student Recreation and Activity Center - Kiosk 38 Side C
Alexandra Vance, University of Alabama

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side C
Numerical Approximation of Lyapunov Exponents from State Samples of Dynamical Systems
Nakita Andrews, Georgia Southern University

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side C
Community Health Workers and Community Based Research
Abigail Miller, Sarah Quick, University of Alabama

Student Recreation and Activity Center - Kiosk 1 Side A
Abriendo Caminos: Healthy Promotion of Family Mealtime Routines and Climate Among Mexican Immigrant Families
Alondra Sanchez-Laguna, Iowa State University

Student Recreation and Activity Center - Kiosk 2 Side A
Early Vasopressors or Fluid Therapy in Treatment of Sepsis
Robin House, Georgia Highlands College

Student Recreation and Activity Center - Kiosk 2 Side B
Examining Operating Room Traffic Patterns to Reduce Surgical Site Infection Rates
Rachel Anderson, Texas Woman’s University
Health Equity in the State of Oklahoma
Donovan Cousan, University of Central Oklahoma

Increasing Diabetic Retinopathy Screening Among At-risk Under-served Populations: A Sight Saving Imperative
Kevin Stearns, University of Wisconsin - Parkside

Nurse Navigation in Appalachia
Kelsie Perrigan, The University of Virginia's College at Wise

Quality Improvement in Assisted Living Facilities - Attitudes and Perceptions of Leaders and Managers
Amy Wiese, Minnesota State University, Moorhead

Sexual Education Affect on Adherence to PrEP
Monique Brown, Marymount University

The Effects of Practice Start Times on College Athlete Drinking Behavior
Abigail Marshall, Miami University

The Role of Psychiatric Diagnoses in the Incidence of Delirium in Non-ICU Acute Care Units
Annie Dokter, Hope College

The Use of Standardized DSM-5 Symptoms Increase the Likelihood of a False-Positive Diagnosis of Bipolar Disorder in Children Aged 6-12 in the United States
Chaandini Pandeti, Virginia Commonwealth University

The Northern Mission
Chessa Caylor, Westminster College

A Study on the Knowledge of Voice Disorders and Vocal Hygiene in High-Risk Majors
Denisse Garcia, Stephanie Nutter, Kai’okulani Shoaf, University of Central Oklahoma

Narrative Proficiency of Spontaneous Stories Produced by Typically Developing Children Ages 4-8
Alison Barlow, Hailey Ashcroft, Jenice Winterton, Hannah Carr, Ashlynn Thompson, Utah State University

Use of Evidence-based Practice by SLPs in Public Schools in Virginia
MaHalea Scicchitano, James Madison University
PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side A
A Flexible Model for Investigating Properties of Starspots: Model Characterization
Jessica Hamilton, University of North Georgia

Student Recreation and Activity Center - Kiosk 28 Side B
Characterizing the Structure of Fibrin Clots Using Image Analysis Algorithms in Python
Nolan Roth, High Point University

Student Recreation and Activity Center - Kiosk 28 Side C
Extra-solar Planets from Citizen-Science Astronomy
Megan Rose, University of Wisconsin - Oshkosh

Student Recreation and Activity Center - Kiosk 29 Side A
Optimization of Particle Energy and Arrival Time Determination Using GPUs for the Nab Experiment
David Perryman, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 29 Side B
Simulation of Vacancy Enhanced Diffusion Using KMC
Brianna Miller, University of Memphis

Student Recreation and Activity Center - Kiosk 29 Side C
Using X-ray Fluorescence to Determine Heavy Metal Content in Spiderwebs as a Measure of Air Quality
Chloe Blount, Isabel Montero, Naomi Nicholson, University of North Georgia

POLITICAL SCIENCE
Student Recreation and Activity Center - Kiosk 37 Side A
Modern Chinese Development of Latin America
Alexander Tripp, University of Tennessee at Knoxville

PSYCHOLOGY
Student Recreation and Activity Center - Kiosk 7 Side C
An Interdisciplinary Approach of Observing Quality of Life Indicators in an Urban Environment Using Geographic Information Systems
Kamal Abdelrahman, City University of New York- Brooklyn College

Student Recreation and Activity Center - Kiosk 8 Side A
Acute Sleep Deprivation and Following Instructions
Nicholas Whitaker, University of Memphis- Lambuth

Student Recreation and Activity Center - Kiosk 8 Side C
Caught In a Bad Romance: Insecurity and Surveillance Behavior
Julia Persaud, Adelphi University

Student Recreation and Activity Center - Kiosk 9 Side A
Commercial Surrogacy: Money and Family-Related Cognitive Dissonance Reduction Strategies Counteracting the Oxytocin-Induced Mother-Infant Bond
Sonia Deshmukh, Sonia Deshmukh, Virginia Commonwealth University

Student Recreation and Activity Center - Kiosk 9 Side B
Creative Arts Therapy for Domestic Violence Survivors
Nicole Alex, Siena College
Student Recreation and Activity Center - Kiosk 9 Side C
Differences in Depression and Resilience in Males and Females
Olivia DePhillips, University of Tennessee at Chattanooga

Student Recreation and Activity Center - Kiosk 10 Side A
Effects of a Humane Education Program on Attitudes Towards Animals, Self Esteem and Empathy
Emily Lehman, Dominican University of California

Student Recreation and Activity Center - Kiosk 10 Side B
Evaluating the Effectiveness of a Humane Education Summer Camp: Effects on Treatment of Animals and Self Esteem
Madalyn Christensen, Dominican University of California

Student Recreation and Activity Center - Kiosk 10 Side C
Exploratory Factor Analysis of Responses to a Measure of Extremism
Austin Gilford, Columbus State University

Student Recreation and Activity Center - Kiosk 11 Side A
Finding Component Patterns in Correlated Grey and White Matter Changes in Schizophrenia
Dawn Jensen, Georgia State University

Student Recreation and Activity Center - Kiosk 11 Side B
Genre-specific Music Training Gives Rise to Differential Dependencies on Structural Metrics of Sound During Perceptual Judgments
Cassandra Doolittle, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 11 Side C
Implicit Race Bias and Trust: Do Different Implicit Bias Tasks Assess the Same Underlying Construct?
Ariyanna Simmons, Adelphi University

Student Recreation and Activity Center - Kiosk 12 Side B
Laptops Effect on Achievement
Alexus McCullum, Lexi Doyle, Kennesaw State University

Student Recreation and Activity Center - Kiosk 12 Side C
Materials Associated with Aversive Value Capture Attention
Tessa Miskimen, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 13 Side A
Neural Correlates of Self-Referential Processing in Longitudinal Risk for Adolescent Suicide
Rachael Dumas, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 13 Side B
Personality as a Predictor of Drinking Habits
Logan Tuminelli, Adelphi University

Student Recreation and Activity Center - Kiosk 13 Side C
Protective Effect of Stress on Memory Function
Autumn D'Auteuil, Mariam Hammad, Christopher Newport University

Student Recreation and Activity Center - Kiosk 14 Side A
Reducing Bias Against Muslims Through Media Framing: An Integrated Threat Theory Analysis
Asth Patel, University of Kentucky
Student Recreation and Activity Center - Kiosk 14 Side B
Romantic Resentment: Implicit and Explicit Feelings About Relative Achievement in Romantic Partners
Dominick Sokotoff, Xiang Ting Ho, University of Michigan

Student Recreation and Activity Center - Kiosk 14 Side C
She Suffers Too: Gender Differences Regarding the Impact of Viral Videos of Police Shootings
Danielle Sherman, Caleb Smiley, Milo Bivens, Aniya Allen, Dominique Montgomery, Mia Edwards, Clark Atlanta University

Student Recreation and Activity Center - Kiosk 15 Side B
The Effect of Social Factors on Child Language Acquisition
Monica Fieck, University of Wisconsin - Oshkosh

Student Recreation and Activity Center - Kiosk 15 Side C
The Effects of Laptop Color on Shopper’s Mood and Intention to Buy in an Online Buying Experience
Daniel Le Compte, Brandi Johnson, Braulio Garcia, Jessica Urschel, Eastern Washington University

Student Recreation and Activity Center - Kiosk 16 Side A
The Impact of Stress During Late Adolescence on Drug Susceptibility and Anxiety in Adulthood
MacKenzie Mull, University of North Georgia

Student Recreation and Activity Center - Kiosk 16 Side B
The Relationship Between Aspects of Executive Functioning and Explicit Stereotypical Language
Blake Luehlfing, Natalie Noebel, Natalie Pullman, Millsaps College

Student Recreation and Activity Center - Kiosk 17 Side A
Validation of the Sankofa Scale
Asia Hill, Clark Atlanta University

SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 19 Side B
Diversity and Inclusion in Educational Institutions and Organizations
Christina Loud, Kennesaw State University

Student Recreation and Activity Center - Kiosk 20 Side A
The Impact of Parental Divorce on College Students’ Perceptions and Experiences of Dating Violence
Hanna Levesque, Brooke Barney, Eastern Connecticut State University

SOCIOLOGY
Student Recreation and Activity Center - Kiosk 17 Side C
Birth Customs Round the World: A Comparative Analysis of Infant Mortality Rates Across Cultures
Marty Owens, Janiese Mills, Kennesaw State University

Student Recreation and Activity Center - Kiosk 18 Side A
Fashion as Impression Management: How What We Wear Communicates and Manages Perceptions of Identity
Sasha Kagan, Elon University

Student Recreation and Activity Center - Kiosk 18 Side B
Sex Trafficking in Minnesota
Emmi Nielson-Gunning, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 18 Side C
The MEIJI SECRET: The Emergence of the Zaibatsu and Their Dominance of Japan
Marcus Ramirez, University of Wisconsin - Stout
Student Recreation and Activity Center - Kiosk 69 Side C
An Analysis of Factors Relating to Student’s Perceptions of a Supportive Environment at UW-L
Kaytee Johns, University of Wisconsin - La Crosse

Student Recreation and Activity Center - Kiosk 60 Side B
Assimilation in Anabaptist Communities of Mifflin County, PA
Katherine Rodriguez, George Mason University

Student Recreation and Activity Center - Kiosk 40 Side A
Picturing Agriculture: How Non-Western Farmers Are Represented in Research Literature
Kees Koopman, North Carolina State University

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN
Student Recreation and Activity Center - Kiosk 68 Side A
Commodification of Intimacy
Sara Honeycutt, Kennesaw State University

Student Recreation and Activity Center - Kiosk 68 Side B
ROOTED: Cultivating Social Inclusiveness + Food Equity
Andrew Newman, Kennesaw State University

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side C
Mwana Pwo Forehead Scarifications and Similarities to the Vastu Shastra
Kara Alston, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 67 Side A
Yaka's Mbaala Masks During and After the Colonization of the Belgians
Warapat Krasaetanont, University of Central Oklahoma
STUDENT POSTER SESSION 8 - FRI 2:45PM-3:45PM

BIOCHEMISTRY

Student Recreation and Activity Center - Kiosk 56 Side C
Characterization of Fatty Acids in Control Mouse Liver Tissue
Crystal Roopnarinesingh, Southern Nazarene University

Student Recreation and Activity Center - Kiosk 57 Side A
Do MAP Kinases (MAPKs) Regulate Tumor Suppressive Functions of Gap Junctions?
Marissa Cusimano, Moravian College

Student Recreation and Activity Center - Kiosk 57 Side B
Evaluating Transport and Intracellular Uptake of a Protein Nano-carrier in 3-D Tumor Spheroids
Hannah Howard, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 57 Side C
Identification of the Enzyme Responsible for the acp3U Modification in Bacteria
Maggie Thomas, Northern Kentucky University

Student Recreation and Activity Center - Kiosk 58 Side A
Isolation of the Active Component from Bacteria Conditioned Media Responsible for the Inhibition of Water Mold Growth
Melanie Garcia, Estefania Garcia, Kylie Russell, North Central College

Student Recreation and Activity Center - Kiosk 58 Side C
Screening of Potential Anticancer Drugs Targeting Topoisomerase II
Megan Andrews, Georgia College and State University

Student Recreation and Activity Center - Kiosk 59 Side A
Synthesis of a Metalloenzyme Active Site Mimic
Kevan English, University of West Florida

BIOLOGY

Student Recreation and Activity Center - Kiosk 42 Side A
An Experimental Design to Estimate the Number of Milkweed Plants Needed to Support Larval Monarch Butterfly Development
Elke Windschitl, Carolyn White, Kayla Wernsing, Iowa State University

Student Recreation and Activity Center - Kiosk 42 Side B
Antennae Pointing During the Escape Response to Looming Stimuli in the Cricket, Acheta domesticus
Alexander Zeher, James Madison University

Student Recreation and Activity Center - Kiosk 42 Side C
Assessing Transferability of Microsatellite Markers for Genetic Diversity Studies in Wild Potato Species in Uruguay
Anne Dinges, Iowa State University

Student Recreation and Activity Center - Kiosk 43 Side A
Blunting Drug Related Gene Expression Changes Using a CRISPR/dCas9 Strategy
Saakshi Thukral, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 43 Side B
Cell-penetrating Peptide-mediated Delivery of Biomolecular Cargos Is Dependent on PH and Calcium Changes During Endosomal Trafficking
Thad Suggs, Stephanie Hill, Daniel Morris, Jonathan McMurry, Kennesaw State University

Student Recreation and Activity Center - Kiosk 43 Side C
Characterizing Proteolysis of a Developmental Transcriptional Regulator in Myxococcus xanthus Biofilm Formation
Anna Gretzinger, Wayne State University
Student Recreation and Activity Center - Kiosk 44 Side A
Competition and Population Dynamics in the Kleptoparasitic Spider Argyrodes elevatus on the Webs of Nephila clavipes
Malia Gasteier, Emily Siegler, University of St. Francis

Student Recreation and Activity Center - Kiosk 44 Side B
Crosstalk Between Motor Neurons, Vasculature, and Muscle Fibers Modulate Innervation of Skeletal Muscle Following Critical Limb Ischemia
Berna Aliya, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 44 Side C
Detection of Novel Phages as Biocontrol Agents in Dairy Metagenomes with Bioinformatics
Daisy McGrath, Kennesaw State University

Student Recreation and Activity Center - Kiosk 45 Side A
Development of Skeletal Elements in Lake Sturgeon
Ashley Parola, Eastern Illinois University

Student Recreation and Activity Center - Kiosk 45 Side B
Does Male Mate Choice Vary with Environment?
Tiana Richards, Spelman College

Student Recreation and Activity Center - Kiosk 45 Side C
Effectiveness of PCR Primers for DNA Barcoding to Estimate Amphibian Diversity at a University Field Research Site
Mackenzie Gilmour, Krystie Yamamoto, Capital University

Student Recreation and Activity Center - Kiosk 46 Side A
Enrichment of SNP-heritability of Psychiatric Disorders in Gene and Isoform Modules
Angela Wei, University of Kentucky

Student Recreation and Activity Center - Kiosk 46 Side B
Evaluation of AMPK on Breast Cancer Cell Migration
Chandler Williams, Wingate University

Student Recreation and Activity Center - Kiosk 46 Side C
Gender Specific Differences in Cardiac Mitochondrial Permeability Transition Pore
Ronak Amir Sardari, University of Rochester

Student Recreation and Activity Center - Kiosk 47 Side A
Human Thresholds of Self Roll vs. Pitch Tilt
Alexander Kryuchkov, University of Colorado at Boulder

Student Recreation and Activity Center - Kiosk 47 Side B
Identification of Pyruvate Dehydrogenase Complex E1 as Potential Protein in Non-typeable Haemophilus Influenzae Vaccine
Hannah Hegwer, Iowa State University

Student Recreation and Activity Center - Kiosk 48 Side A
Identification of Pyruvate Dehydrogenase Complex E1 as Potential Protein in Non-typeable Haemophilus Influenzae Vaccine
Hannah Hegwer, Iowa State University
Inactivation of Aichi Virus on Formica Coupons by Ultraviolet Light, Grape-seed Extract and Curcumin  
Janie Hetu, Jackson Craig, University of Tennessee at Knoxville

Interdisciplinary Explorations into the Unique Properties of Delftia with Public Science  
Noah Riley, NC State University

Investigating the Role of Calcium Homeostasis in Apoptosis in Crithidia fasciculata by Characterizing Hypothetical Proteins 8708 and 7782  
Andrew Ho, Georgia State University

Isolation and Use of Mycobacteriophage Pita2 Lysogens to Characterize Unsequenced Bacteriophage  
Eleanor Behling, Bowling Green State University

Microbiome Characterization of the Cave Salamander as Potential Defense Against Emerging Infectious Diseases  
Bethany Wildeman, Micah Burnham, Liberty University

Morphological Analysis and Abundance of Pelagic Sargassum fluitans and S. natans in South Florida  
Lauren Saqui, Florida International University

NMN Delays Aging-Mediated Tumor Formation  
Victoria Flanary, University of Alabama at Birmingham

Peripheral Nerve Degeneration Following Hyperglycemic Induction in Juvenile Zebrafish (Danio rerio)  
Gabrielle Voithofer, Salisbury University

Precipitation Patterns Drive Phenology in Western Prairie Fringed Orchid  
Sydney Weldon, Iowa State University

Prolactin Is Expressed in Uterine Leiomyomas and May Promote Their Growth  
Alessandra DiMauro, University of Rochester

Relationship Between Discharge and %EPT in the Upper Main Stem of the Susquehanna River During the Summer Months of 2016 Through 2018  
Nathan Bingaman, Susquehanna University

Sensory Nerve-Mediated and Nitric Oxide-Dependent Vasodilation Is Reduced in Non-Hispanic Blacks Compared to Non-Hispanic Whites  
Demetria Walker, Georgia State University
Soil Fungal Communities After Forest Fires
Spencer McGee, Alyssa Tidwell, Utah Valley University

Synthesis of a mRNA vs Protein Vaccine: a Possible Treatment to Prevent Human Parainfluenza Virus in Children
Natalie Lohmann, Iowa State University

The Effect of Copper and Zinc Based Cleaners on Bacillus subtilis Spores
Heidi Cox, University of Wisconsin - Whitewater

The Effect of Severe Storms on the Nitrogen Cycling Within Seagrass Ecosystems
Kelly Nguyen, Mark McCarthy, Silvia Newell, Troy Mutchler, Kennesaw State University

The Role of At2g41190 in Senescence and Root-Knot Nematode Infection
Megan Norton, Bridgewater State University

The Role of the Non-Homologous End Joining Gene, Ku80, In Mitochondrial Genome Stability In Budding Yeast
Brooke Scott, State University of New York- Brockport

The Effects of Marine Natural Products on the Microenvironment of Pancreatic Cancer
Whitney Davis, Coastal Carolina University

The Importance of RND-type Efflux Pumps in the Interactions of Pseudomonas aeruginosa with 4-Methoxybenzaldehyde
Sanchirmaa Namjilsuren, University of Southern Mississippi

An Analysis of Financial Risk Aversion of College Students
Alyssa Baird, Kennesaw State University

Firms' Operating Losses and Accounting Conservatism
Zhongli Zeng, State University of New York- Brockport

Retail Industry Outlook of the City of Superior
Opeyemi Omiwale, Obiageli Ekwunwa, University of Wisconsin - Superior
CHEMISTRY

Student Recreation and Activity Center - Kiosk 21 Side A
The Unique Role of Racial Minorities and Immigrants in the Historic New England Whaling Industry
Kate Kolodziej, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 59 Side B
A New Tris-N-heterocyclic Carbene: Synthesis and Coordination
Braden Clinebell, Ryan Gaynor, Reagan Hooper, Alex Mason, Maleek Montgomery, Kennesaw State University

Student Recreation and Activity Center - Kiosk 59 Side C
Chemistry with Friends: Investigating Students’ Social Interaction Networks in an Active Learning General Chemistry Course
Natalie Mendez, Florida International University

Student Recreation and Activity Center - Kiosk 60 Side A
Developing a Method for Analyzing Volatiles in Dog Urine
Vivien Ho, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 60 Side B
Evaluating Copper(I) Bisphenanthroline as a Photoredox Catalyst in Enantioselective Reactions
Grace Baumgarten, Black Hills State University

Student Recreation and Activity Center - Kiosk 60 Side C
HPLC Method Development and Validation for Quantitative Determination of Lung Cancer Biomarkers in Urine
Jia Mak, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 61 Side A
Interval Partial Least Squares Regression (iPLS) for Multivariate Calibration and Prediction: Two Approaches for Automated Model Optimization
Lannea Boyden, Salisbury University

Student Recreation and Activity Center - Kiosk 62 Side A
Speciation of Benzophenanthridine Alkaloids in Commercially Available Black Salve Products
Madison Harrier, Desirae Fledderman, Andrea Cygan, Gannon University

Student Recreation and Activity Center - Kiosk 62 Side B
Synthesis and Characterization of Cerium Oxide Based Nanoscale Catalysts
Nimol Muth, Kennesaw State University

Student Recreation and Activity Center - Kiosk 62 Side C
Synthesis of an Albumin-doxorubicin Prodrug Conjugate Via a Traceless, Reductively Labile Cobalt Crosslinking Strategy
Ashik Patel, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 63 Side A
The Method Development of Vanillin Determination Ft. SPME
Noah Thrift, Courtney Butler, University of West Florida

Student Recreation and Activity Center - Kiosk 63 Side B
Turning Copper Green: Development of Copper Patina Pedagogical Laboratory Procedures for an Interdisciplinary Course
Kaitlin Grigg, Campbell University

Student Recreation and Activity Center - Kiosk 63 Side C
Water Permeability of An Asymmetric Bilayer
Brona O’Sullivan, Iona College
COMMUNICATIONS
Student Recreation and Activity Center - Kiosk 67 Side B
Crisis Management in Small Businesses
Megan Maurer, Carthage College

Student Recreation and Activity Center - Kiosk 67 Side C
The Commodification of Hygge Through Instagram An Analysis of The Danish Phenomenon Portrayed On Social Media
Kelsey Horowitz, Elon University

COMPUTER SCIENCE
Student Recreation and Activity Center - Kiosk 30 Side A
AI for Finance: Data Science for Financial Independence
Mizzani Walker-Holmes, Kushum Thapa, Mark Malaney, Nathanael Leman, Isaac Efik, Kennesaw State University

Student Recreation and Activity Center - Kiosk 30 Side B
C.A.R.E. - Classifying and Recognizing Emotions Using Computer Vision
Nicholas Vaughn, Tyler Maroney, University of the Pacific

Student Recreation and Activity Center - Kiosk 30 Side C
DetNexus: A Lightweight and Versatile Communication Infrastructure for Radiation Detection Networks
Sabrina Tobar Thommel, University of Michigan

Student Recreation and Activity Center - Kiosk 31 Side A
Hyke: A Mobile App to Assist in Hiking
Lindsey Watts, Georgia College and State University

Student Recreation and Activity Center - Kiosk 31 Side B
On the Fly Dynamic Graph Generation for Video Processing
Dominik Winecki, The Ohio State University

Student Recreation and Activity Center - Kiosk 31 Side C
Study of the Schools and Their Surroundings with AI Technology
Muyuan He, Lehigh University

CRIMINOLOGY/CRIMINAL JUSTICE
Student Recreation and Activity Center - Kiosk 38 Side A
Jeffrey Dahmer: An American Serial Killer
Ally Wilson, California University of Pennsylvania

DIVERSITY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side B
Long Term Effects of the University of Wisconsin-Eau Claire Civil Rights Pilgrimage
Jacie Jones, Nicholas Walkowiak, David Edwardson, University of Wisconsin - Eau Claire

EDUCATION
Student Recreation and Activity Center - Kiosk 32 Side A
A Phenomenological Variant of Ecological Systems Theory (PVEST) Approach to Understanding Student-Faculty Relationships Among Male Racial-Ethnic First Generation College Students
Jung Eun Byun, University of Michigan

Student Recreation and Activity Center - Kiosk 32 Side B
Building Conceptual Understanding of Multiplication
Daniela DiGena, Angela Whidbee, Salisbury University

Student Recreation and Activity Center - Kiosk 32 Side C
Education on Organ Donation in High Schools, Its Effect on Attitudes and Knowledge
Nisha Sridhar, University of Oregon
Student Recreation and Activity Center - Kiosk 33 Side A

Mathematics Programs Used in Elementary Education: Are They Culturally Relevant For All Students?
Sarah Walker, Kennesaw State University

Student Recreation and Activity Center - Kiosk 33 Side B

Problem Types In Fraction Curriculum
Nissa Summerlin, Kennesaw State University

Student Recreation and Activity Center - Kiosk 34 Side A

University-satisfaction and Self-satisfaction Do Not Always Contribute to Learning Motivation: A Moderating Effect of Extroversion
Ka Tsun Cheung, Kazuhisa Goto, Ken Nomoto, Chiho Takiya, Musashino University

Student Recreation and Activity Center - Kiosk 69 Side C

An In-Depth Case Study on Mental State Talk in Preschool Classroom Conversations
Sabrina Huang, Boston University

ENGINEERING

Student Recreation and Activity Center - Kiosk 21 Side C

A Comparative Study of Heat Pipes and Thermosyphons for Passive Cooling of a High-Power LED Panel
Vincent Souza, Devin Mckee, Jose Pudilo, William Rafeal, Kevin Pinheiro, San Jose State University

Student Recreation and Activity Center - Kiosk 22 Side C

Creating an Antifungal Paint Using Halloysite Nanotubes
Liam Wood, Auburn University

Student Recreation and Activity Center - Kiosk 23 Side A

Development and Characterization of Ceramic Hydorgel Bioinks for Bone 3D Printing
Ihab El-Atawneh, University of Rochester

Student Recreation and Activity Center - Kiosk 23 Side C

BAILEY MILLETT, BAILEY MILLETT, Zach Arwood, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 24 Side A

Forward Motion Generation for a Vibratory Vessel Using Unactuated Fins
Nicolas Bulzoni, Maria-Fe Thielman, Shima Shahab, Virginia Polytechnic Institute & State U

Student Recreation and Activity Center - Kiosk 24 Side C

Increasing Fuel and Thrust Efficiency of DGEN 380 Turbofan Engines Using Engine Cycle Analysis
Tejas Bhavsar, Kennesaw State University

Student Recreation and Activity Center - Kiosk 25 Side B

Nanoscale Silicon Membranes, an Innovation in MEMS Pressure Sensing Technology
Jacob Sina, University of Wisconsin - Platteville
STUDENT POSTER SESSION 8 - FRI 2:45PM-3:45PM

Student Recreation and Activity Center - Kiosk 25 Side C

PreCog: Crowd Prediction for Instantaneous Crowdsourcing
Kammeran Barnes, University of Michigan

Student Recreation and Activity Center - Kiosk 26 Side A

Resilient Infrastructure and Elasticity of Cargo Movement Following a Natural Disaster
Emily Jannace, Embry - Riddle Aeronautical University

Student Recreation and Activity Center - Kiosk 26 Side B

Surface Wave Elastography
Abdullah Galla, Clint Morris, Kennesaw State University

Student Recreation and Activity Center - Kiosk 26 Side C

Titania-coated Glass Microballoons for Wastewater Treatment Applications
Micah Armstrong, University of Alabama at Birmingham

ENGLISH & LITERATURE

Student Recreation and Activity Center - Kiosk 38 Side B

Roads, Pathways, and Circles: Fatalism in William Faulkner's Light in August
Maggie Boggs, Kennesaw State University

ENVIRONMENTAL SCIENCE & SUSTAINABILITY

Student Recreation and Activity Center - Kiosk 64 Side A

Bike Sharing: Sustainable Solution for India's Transportation Woes
Nuri Sinha, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 64 Side B

Effects of Hedging on Populations of Entomopathogens in Pecan Orchards
Keondria Hardwick, Fort Valley State University

Student Recreation and Activity Center - Kiosk 64 Side C

Hallucinogens for Psychiatric Health
Keteria Loney, Fort Valley State University

Student Recreation and Activity Center - Kiosk 65 Side A

Lake Breeze Effects on the Shorelines of Lake Michigan During the Lake Michigan Ozone Study
Whitney Mottishaw, University of Wisconsin - Eau Claire

Student Recreation and Activity Center - Kiosk 65 Side B

Promoting Dynamic Agroforestry with Missouri Botanical Garden in the Makirovana Tsihomanaomby Forest
Samantha Brooks, Guilford College

Student Recreation and Activity Center - Kiosk 65 Side C

Strep Syndrome and Population Density in Northern Sea Otters (Enhydra lutris kenyoni)
Megan Withers, Emory University

EXERCISE SCIENCE & NUTRITION

Student Recreation and Activity Center - Kiosk 5 Side A

Comparison of Rate of Perceived Exertion Load and Daily Wellness Scores
Brynn Hudgins, Campbell University

Student Recreation and Activity Center - Kiosk 5 Side B

Effect of Twenty Weeks of Non-Contact Boxing on Walking Time in Two Individuals with Parkinson's Disease
Breanne Stefan, Kennesaw State University
STUDENT POSTER SESSION 8 - FRI 2:45PM-3:45PM

Student Recreation and Activity Center - Kiosk 5 Side C
Fruit and Vegetable Consumption in Children: Impact of Parental Influence
Sissy Gatch, Georgia Southern University

Student Recreation and Activity Center - Kiosk 6 Side A
Peer Health Coaching for Physical Activity, Self-Efficacy, and Stress in College Students
Kylee Joiner, Iowa State University

Student Recreation and Activity Center - Kiosk 6 Side B
The Effects of Dietary Protein Oxidation on Growing Pigs
Erika Johnson, Iowa State University

GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side A
Description of Eocene-Aged Mammal Fossils from Wilkinson County, Georgia
Parker Rhinehart, Georgia College and State University

Student Recreation and Activity Center - Kiosk 41 Side B
Which Store To Close: A GIS Based Retail Analysis Of Macy's Department Stores In The Mid Atlantic
Leighana Pasqual, Salisbury University

HISTORY
Student Recreation and Activity Center - Kiosk 39 Side A
Foundling Hospital: Rome
Sabrina Lindsley, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 39 Side B
Soviet Diplomacy and Radio Free Europe
Nicole Harry, Lafayette College

Student Recreation and Activity Center - Kiosk 39 Side C
The Mai Mai Militias in the Second Congo War
John Tolley, Wells College

INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
Comparison Between the Use of Captain America in World War II Propaganda, Iron Man and Spiderman in Cold War Media and the Use of Captain America, Iron Man, Thor, Hulk, Black Widow, and Hawkeye in Post 9/11 Media
Shea Wenzler, Virginia Commonwealth University

Student Recreation and Activity Center - Kiosk 35 Side C
The Design Flaw: Uncovering Past and Current Issues in Lexington's Low Income Housing
Ashleigh Cofer, University of Kentucky

Student Recreation and Activity Center - Kiosk 36 Side A
Watershed Development Policies' Correspondence with the Reduction in Poverty and the Creation of Self-Sustainability in Himachal Pradesh, India: Local Involvement, Horticulture Development, Income Diversification, and Increased Communication Between Locals an
Tejasri Kilari, Virginia Commonwealth University

LINGUISTICS & WORLD LANGUAGES
Student Recreation and Activity Center - Kiosk 38 Side C
The Adult Learning Acquisition of Language
Jelist Chawchang, California University of Pennsylvania
MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
Convergent Series Solution Analysis for Lane–Emden Equations with Initial Values and Boundary Conditions
lezhi liu, Stetson University

Student Recreation and Activity Center - Kiosk 27 Side C
On Polynomials Over Hyperfields
Steven Creech, Georgia Institute of Technology

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side B
Bridging Traditional and Western Health Care Practices in Cambodian Refugees
Johanna Mercurio, University of Georgia

Student Recreation and Activity Center - Kiosk 1 Side C
Comparative Performance of the Non-lab Based Framingham Versus WHO/ISH Risk Prediction Charts in Stratifying Cardiovascular Risk Among REACT! Study Participants
Adrian Bermudez, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 2 Side A
Education to Prevent Peptic Ulcer Disease in Children
Henry Macharia, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 2 Side B
Examining the Effect of Tumor Features, BDNF, and 5-HTT Genotypes on Depressive Symptoms in Breast Cancer
Justine Wang, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 3 Side A
Influence of Livestock and Wildlife on Tick Density in the Kenyan Savanna
Sheryne Zeitoun, George Mason University

Student Recreation and Activity Center - Kiosk 3 Side C
Race-Based Medicine
Katie Hampton, Tarrant County College District

Student Recreation and Activity Center - Kiosk 4 Side A
Special Needs Adults- What Happens Now?
Charlee Tompkins, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 4 Side B
The Effects of Sleep Deprivation in Intensive Care Patients
Kaitlyn Carrington, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 4 Side C
The Telehealth Experience
Giovanna Rauchbach de Oliveira, University of Central Oklahoma

PHYSICAL/OCCUPATIONAL THERAPY & SPEECH LANGUAGE PATHOLOGY
Student Recreation and Activity Center - Kiosk 6 Side C
An EEG-Based Brain-Computer Interface (BCI) for Stroke Rehabilitation
Brooke Follansbee, University of Wisconsin - Milwaukee
STUDENT POSTER SESSION 8 - FRI 2:45PM-3:45PM

Student Recreation and Activity Center - Kiosk 7 Side A

Occupational Analysis of Resettled Children of Refugee Background (RCRB) Immigrating to the United States
Hana Motoki, Hannah Thomas, Kate Butcher, Erica Son, Amy Wagner, Ithaca College

Student Recreation and Activity Center - Kiosk 7 Side B

Vestibular and Proprioceptive Alteration Influence Postural Instability During Dual Tasks in Adults Diagnosed with HIV
Leah Hammer, Jonathan Marshall, Texas Woman’s University

PHYSICS

Student Recreation and Activity Center - Kiosk 28 Side A

A Flexible Model for Investigating the Properties of Starspots: Comparison of Models to Observed Data
Amanda Ash, University of North Georgia

Student Recreation and Activity Center - Kiosk 28 Side B

Coexistence of Ce+3 and Ce+4 Nanoceria in a Bioactive Glass
Mohamed Odeh, Ki Dae Kim, Peyton Butler, Andrew Duenas, Diane Patterson, Kennesaw State University

Student Recreation and Activity Center - Kiosk 28 Side C

Further Research Into High Strain Magnetostriction in a Ferromagnet-Polymer Composite
Thomas Richardson, Austin Schleusner, University of Minnesota, Twin Cities

Student Recreation and Activity Center - Kiosk 29 Side A

Ozone Emissions Across Martian Seasons
Willow Held-Pistone, Iona College

Student Recreation and Activity Center - Kiosk 29 Side B

Joseph Piccolo, Emory University

POLITICAL SCIENCE

Student Recreation and Activity Center - Kiosk 36 Side C

Evictions in Rural Communities
Andrea Crase, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 37 Side A

Myanmar and the Historical Path to Ethnic Cleansing
Alicia Jacobsen, University of Wisconsin - Whitewater

PSYCHOLOGY

Student Recreation and Activity Center - Kiosk 7 Side C

“How Did You Sleep?” Analysis of Undergraduate Sleep Quality and Duration
Robert Cronin, Kaelyn Ireland, Celessia Cannon, Matthew Fenner, Kennesaw State University

Student Recreation and Activity Center - Kiosk 8 Side A

Affective Interference of Brain Network Profiles: An fMRI Study Focused on the Effects of the Dorsal Anterior Cingulate Cortex and Orbitofrontal Cortex
Ellanya Kallabat, Wayne State University

Student Recreation and Activity Center - Kiosk 8 Side B

Assessing the Influence of Media Use To Black Students’ Stereotypes and Ideologies About Black Women
Takirra Jackson, Danielle Sherman, Diamonique Bryant, Kyra Wilson, Clark Atlanta University
Student Recreation and Activity Center - Kiosk 8 Side C
Celestial Comfort: Associations Between Theological Defensiveness and Supernatural Belief
Karenza Shepherd, Southern Nazarene University

Student Recreation and Activity Center - Kiosk 9 Side A
Common Factors Among Psychopathy, Narcissism and Autism Associated with Relationship Satisfaction
Gabrielle Lipsky, Adelphi University

Student Recreation and Activity Center - Kiosk 9 Side B
Dancers' Reinforcement Sensitivity and Self-Image as a Function of Dance Acculturation
Elizabeth Akins, Wingate University

Student Recreation and Activity Center - Kiosk 10 Side A
Effects of Acute Social Defeat-induced Priming of Microglia in the vmPFC of Syrian Hamster
Thomas Clarity, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 10 Side B
Examination of Disordered Eating in Scottish College Students: A Student and Mental-Health Professional Perspective
Maria Kalantzis, North Central College

Student Recreation and Activity Center - Kiosk 10 Side C
Exploring Post-secondary Academic Performance as Risk Factors of Suicidal Ideation and Behavior Among Student Veterans
Summer Turpin, Utah Valley University

Student Recreation and Activity Center - Kiosk 11 Side A
Fine-tuning Focus: Exploring Electrophysiological and Attentional Responses to TDCS
Kylie Donahue, Elon University

Student Recreation and Activity Center - Kiosk 11 Side B
Girls Should, Boys Should: The Relationship Between Sexualized Gender Stereotypes and Internalized Sexualization with the Acceptance of Sexual Harassment and Dating Violence in Adolescents
Andrea Doyon, University of Kentucky

Student Recreation and Activity Center - Kiosk 11 Side C
Improving Treatment Protocols for Suicidal Patients in the Hospital Emergency Department: A Meta-Analysis
Mackenzie Porter, Wells College

Student Recreation and Activity Center - Kiosk 12 Side A
Is Parental Academic Involvement Related to Family Cohesion Among Families of Adolescents with ADHD?
Olivia Linkous, Virginia Commonwealth University

Student Recreation and Activity Center - Kiosk 12 Side B
Latino Parent's and Their Children's Perceptions of Discrimination
Jason Midkiff, University of Kentucky

Student Recreation and Activity Center - Kiosk 12 Side C
Maternal Prenatal Stress and Pro-Inflammatory Genetic Risk in Sex-Specific Development of Childhood Asthma
Madeline Pike, Emory University
STUDENT POSTER SESSION 8 - FRI 2:45PM-3:45PM

Student Recreation and Activity Center - Kiosk 13 Side A
Non-Heterosexual Orientation Contributes to the Interpersonal Theory of Suicidality
Loren Makhoul, Jordyn Paramore, Caroline Kelly, Sierra Aukland, University of North Georgia

Student Recreation and Activity Center - Kiosk 13 Side B
Political Alienation and Psychosocial Development in College Students: The Role of Over-Parenting
Michaela Lightholder, Kennesaw State University

Student Recreation and Activity Center - Kiosk 13 Side C
Psilocybin-Facilitated Psychotherapy for Cocaine Dependence: Preliminary Findings
James Sexton, Imaan Mir, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 14 Side A
Race Differences in Emotion Regulation: The Role of Early Childhood Trauma Exposure
Kayla Herren, Oliva Lauzon, Zowi Randolph, Ebony Glover, Kennesaw State University

Student Recreation and Activity Center - Kiosk 14 Side B
Salvia Effects on Testing
Elizabeth Cavender, Valdosta State University

Student Recreation and Activity Center - Kiosk 15 Side A
Susceptibility of Stress Mindset in Response to Stress
Tesa Saulmon, Sonia Yanovsky, University of West Florida

Student Recreation and Activity Center - Kiosk 15 Side B
The Effect of Social Isolation on Neurofibrillary Tangles and tau Phosphorylation in P301L Mice
Elias Khayat, George Mason University

Student Recreation and Activity Center - Kiosk 15 Side C
The Effects of Modes of Interviewing on Hireability
Samantha Smedley, University of Southern Indiana

Student Recreation and Activity Center - Kiosk 16 Side A
The Influence of Implicit Warmth and Competence Estimations on Charitable Donation Decisions Involving Homelessness
Catherine Verveniotis, Adelphi University

Student Recreation and Activity Center - Kiosk 16 Side B
The Relationship Between Personality and Social Media Communications
Yi-Shan Chen, Jordyn Carter, Georgia College and State University

Student Recreation and Activity Center - Kiosk 16 Side C
The Theory That Won't Die: Testing the Reliability of Ego Depletion
Peyton Skaggs, Andrew McKelvey, Ndye Amar, Sami Jabbour, Daniel Peng, Jessica Ryan, University of Kentucky

Student Recreation and Activity Center - Kiosk 17 Side A
Virtual Reality Mindfulness Training and Its Effects on Mental Health in College Students
Jacob Henze, Laura Rodes, Sidney Gailey, Zoe Colier, Hannah Johnson, Sarah McDaniel, Kristen Woodall, University of North Georgia
Student Recreation and Activity Center - Kiosk 69 Side B
An Exploration of the Relationship Between Mental Health and Academic Performance in Student Veterans
Michelle Chatterley, Audrianne K. Robinson, Utah Valley University

SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 19 Side A
Hmong Adults’ Attitudes on Dating Violence Within Their Community
Amanda Vue, University of Wisconsin - Oshkosh

Student Recreation and Activity Center - Kiosk 19 Side B
Examining the Effectiveness of the Buzzy in Pediatric Patients Undergoing an Injection
Amber Wesoloski, Emily Goldstein, Molly Lukas, Shannon Anderson, Lily Small, University of Alabama

Student Recreation and Activity Center - Kiosk 19 Side C
Risk Factors for Fetal Alcohol Spectrum Disorder in College Women
Eden Ridgeway, University of West Florida

SOCIOLOGY
Student Recreation and Activity Center - Kiosk 17 Side C
Campus Climate on Hookup Culture Perceptions and Participation
Paige Pilgrim, Lagrange College

Student Recreation and Activity Center - Kiosk 18 Side A
For Real or for Fiction? The Differences Between Perceived Diversity in College Recruitment Materials and Actual Diversity Impacting Student Experiences
Amanda Martinez, Elon University

Student Recreation and Activity Center - Kiosk 18 Side B
Significance of Traditional Japanese New Year’s Foods for Japanese Youth
Cecelia Wright, North Central College

Student Recreation and Activity Center - Kiosk 18 Side C
The Role of the Christian Church on the HIV/AIDS Epidemic in South Africa
Maria Ysabelle Cruzat, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 68 Side C
Abortion Views on a College Campus
Madison Murphy, Catlynn Williams, Lagrange College
ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side A
Bosses and Friends, Immigrants and Citizens
Anai Santibanez, Genesis Torres, North Carolina State University

Student Recreation and Activity Center - Kiosk 40 Side B
Pipe(ing) Up about Pipe Fragments: An Analysis of Woodland Period Pipes from the Topper Site (38AL23)
Megan Belcher, Martin P. Walker, University of Tennessee at Knoxville

Student Recreation and Activity Center - Kiosk 40 Side C
Transforming Statistical Diversity to Cross-Cultural Interactions: Analyzing Segregation Patterns Between International Chinese Students and Domestic Students in the University Context
Sarmishtha Prathivadhibhayankaram, University of Rochester

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side C
Phallic Symbolism in Edo Period Japan and 14th Century France
Cori Crawford, University of Central Oklahoma

BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side B
Ameliorating Effects of Coconut Oil Against Oxidative Stress
Cassidy Anderson, Milligan College

Student Recreation and Activity Center - Kiosk 56 Side C
Characterization of Mycobacterium tuberculosis isoprenyl diphosphate synthase Rv2173
Faith Adekunle, University of Wisconsin - Parkside

Student Recreation and Activity Center - Kiosk 57 Side A
Does SpNox Directly Produce Hydrogen Peroxide?
James Scott, Kennesaw State University

Student Recreation and Activity Center - Kiosk 57 Side B
Examining Changes in Expression of Orange Carotenoid Protein Homologs in Fremyella diplosiphon in Response to Nutrient-deprived Conditions
Darian Petrescu, Michigan State University

Student Recreation and Activity Center - Kiosk 57 Side C
Identifying Regulation of the Cas Operon in Thermus Thermophilus by Orphan Transcription Regulator Encoded by the TTHB186 Gene Using Combinatorial Method REPSA
Sarah Sneed, Kennesaw State University

Student Recreation and Activity Center - Kiosk 58 Side A
Leveraging A-factor as a Reporter to Test Predictions of FTase Specificity
Jacob Greenway, University of Georgia

Student Recreation and Activity Center - Kiosk 58 Side B
Optimization of the DNA Barcoding Protocol and the Evolutionary History of Botanic Garden Plants
Erin Morgan, Tulsa Community College
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<td>Torre Montoya, Frostburg State University</td>
<td>John Aleman, Northern Arizona University</td>
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<td>Madison Klein, Western Carolina University</td>
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**BIOLOGY**

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<td>A Study of Publicly Accessible Data Regarding Chronic Obstructive Pulmonary Disease Among Adults in Tulsa, Oklahoma</td>
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<td>Allison Georgescu, Georgia State University</td>
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<td>Rubab Rizvi, Rubab Rizvi, Aissata Diallo, Kennesaw State University</td>
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<td>Defining the Expression of a Heat Shock Protein 68/70 Gene Duplicate Pair in the Adult Eye of the Red Flour Beetle, Tribolium castaneum</td>
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<td>Sara Fresard, Wayne State University</td>
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Detection of Retinal in the Caudal Photoreceptor (CPR) of Crayfish Using Ultra-Performance Liquid Chromatography-Mass Spectrometry (UPLC-MS)
Matthew Adusei, Lafayette College

Student Recreation and Activity Center - Kiosk 45 Side A
Diagnosis of La Crosse Encephalitis: A Quality Improvement Study
Zach Fryda, Westminster College

Student Recreation and Activity Center - Kiosk 45 Side B
Drosophila Flight Screen: Variability in Flight Muscle Strength in Nearly 200 Fully Sequenced Drosophila Populations
Russell Caratenuto, Bali Connors, Lehigh University

Student Recreation and Activity Center - Kiosk 45 Side C
Effects of alpha-Amylase on Gluten and Gluten-Free Grains
Ashley Schultz, Grace Kelly, Jessica Phelps, Angelika Serran, Xavier University

Student Recreation and Activity Center - Kiosk 46 Side B
Environmental and Anthropogenic Factors Affecting Coral Health
Kristin Jones, Eastern Washington University

Student Recreation and Activity Center - Kiosk 46 Side C
Evaluation of Expression of Akirin Fusion Proteins in Drosophila melanogaster
Ashley Rogers, Kennesaw State University

Student Recreation and Activity Center - Kiosk 47 Side A
Interleukin-6 Levels Are Associated with Sleep Quality in Young Females
Grecia Rodriguez, Florida International University

Student Recreation and Activity Center - Kiosk 47 Side B
Gene Expression Characterization of a Zebrafish Model of Atrial Fibrillation
Yuanhang Zhao, University of Utah

Student Recreation and Activity Center - Kiosk 47 Side C
Hepatic Glucagon and Insulin Receptor Cross-talk in the Regulation of Glucose Homeostasis
Natalie Presedo, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 48 Side A
Humoral (B Cell) Immune System Imbalance Is Associated with Development of Depressive-like Phenotype
Briski White, Liza Grossman, West Virginia University

Student Recreation and Activity Center - Kiosk 48 Side C
Increased Intestinal Parasitic Infections (IPIs) Among Ethiopian Children. Evidence from School Based Cross Sectional Study
Samira Gure, Colgate University

Student Recreation and Activity Center - Kiosk 49 Side A
Fabi Gene Duplications and Overexpression in Enterobacter cloacae Leads to Increased Triclosan Resistance
Julianna Marotta, Cedar Crest College

Student Recreation and Activity Center - Kiosk 49 Side C
Isolation of 17 Phages Infecting the Host Corynebacterium
Alec Ayala, Pranav Kakulamarri, Anna Grace Dulaney, Sasha Thalluri, Mckinley Williams, Denise Monti, University of Alabama at Birmingham
Student Recreation and Activity Center - Kiosk 50 Side A
Luteinizing and Follicle Stimulating Hormone Receptors in the Seasonally Breeding Green Anole Lizard
Kyle Mercer, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 50 Side B
Microbiomes of Native and Invasive Beetles, Comparing O. cingulata and A. glabripennis
Lydia Ostmo, Tulsa Community College

Student Recreation and Activity Center - Kiosk 50 Side C
Morphometric Analysis of Human and Animal Hair Samples Using Comparison Microscopy
Tanzania Walker, Fort Valley State University

Student Recreation and Activity Center - Kiosk 51 Side A
Novel Methods of Controlling Flavivirus Infection
Lauren Austin, University of Michigan

Student Recreation and Activity Center - Kiosk 51 Side C
Predicting Future Coral Survival: Soft Coral Response to Increased Temperatures and Ocean Acidification
Nicole Price, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 52 Side A
Proliferation and Deregulation of Polyamine Pathway in Breast Epithelial Cells Under High Glucose
Caleb Capellen, University of Nebraska at Kearney

Student Recreation and Activity Center - Kiosk 52 Side B
Responses to Over-marks in Canis familiaris
Ana Pemberton, University of Wisconsin - Whitewater

Student Recreation and Activity Center - Kiosk 52 Side C
Sequencing the GM2A Gene: Implications for Late-Onset Tay-Sachs
Luis Balderrama, Hamline University

Student Recreation and Activity Center - Kiosk 53 Side A
Spatial Sedimentation and Phosphorus Dynamics Trends Along Wild Rice Beds
Kirsten Ondris, The Cooper Union

Student Recreation and Activity Center - Kiosk 53 Side B
SYTOX Green Staining of PLB-985 Cells Treated with Atypical Anti-Psychotic Drugs
Anna Colley, University of West Florida

Student Recreation and Activity Center - Kiosk 53 Side C
The Effect of Early Visual Experience on Inhibitory Synapses in the Visual Pathway
Nitheyaa Shree, Georgia State University

Student Recreation and Activity Center - Kiosk 54 Side B
The Effects of Meloidogyne incognita on JAZ 1, 12, and 13 Gene Expression in Arabidopsis
Emily Green, Bridgewater State University

Student Recreation and Activity Center - Kiosk 54 Side C
The Influence of Anaerobic and Aerobic Conditions on Biofilm Formation Amongst Various Strains of Listeria Monocytogenes
Zyra Warfield, University of Southern Mississippi
Student Recreation and Activity Center - Kiosk 55 Side A
The Role of Basigin in the Development and Regeneration of Retinal Neurons
Jazmyn Singh, University of West Florida

Student Recreation and Activity Center - Kiosk 55 Side B
The Role of YAP in Regulating Apoptosis in the Developing Sea Urchin
Brendaliz Bonilla, Shea McKinney, Sean O’Brien, Susquehanna University

Student Recreation and Activity Center - Kiosk 55 Side C
Understanding and Harnessing the Function of B Lymphocytes to Prevent Preterm Birth
Noor Suleiman, Wayne State University

Student Recreation and Activity Center - Kiosk 56 Side A
Using the Pax7 Mouse Model to Study Skeletal Muscle Regeneration and Self-Renewal
Sabrina Chu, University of Minnesota

Student Recreation and Activity Center - Kiosk 56 Side B
Examination of Polymer Molecular Weight, Surface Functionality, and Solution Temperature on the Demulsification Efficiency of Oil and Water Emulsions
Andrew Maxwell, Bruna De Carvalho, Iona College

Student Recreation and Activity Center - Kiosk 56 Side C
Ibuprofen Perturbs Model Cell Membranes: Effects on Water Permeability and Structural Integrity
Megan Wood, Michael Morales, Elizabeth Miller, Samuel Braziel, Iona College

CHEMISTRY
Student Recreation and Activity Center - Kiosk 59 Side A
Acetaminophen Synthesis Using Nano-Reactors
Hayley Perusek, Appalachian State University

Student Recreation and Activity Center - Kiosk 59 Side B
Chlorination of Deactivated Arenes and Heteroarenes with Trichloroisocyanuric Acid Under Visible-Light Photoredox Catalytic Conditions
Juan Alvarado, University of Tulsa

Student Recreation and Activity Center - Kiosk 59 Side C
Dietary Therapy and Crohn's Disease
Manasa Pavuloori, Virginia Commonwealth University

Student Recreation and Activity Center - Kiosk 60 Side A
NBD-Glucosamine Probe Using Solid Phase Synthesis Techniques
Hani Abukar, Hamline University

Student Recreation and Activity Center - Kiosk 60 Side B
How Book Donations Affect Developing Economies
Shelby Simpkins, University of Kentucky

Student Recreation and Activity Center - Kiosk 60 Side C
Preliminary Research on Schreibersite
Jessica Osborn, Kennesaw State University

Student Recreation and Activity Center - Kiosk 61 Side A
Ibuprofen Perturbs Model Cell Membranes: Effects on Water Permeability and Structural Integrity
Megan Wood, Michael Morales, Elizabeth Miller, Samuel Braziel, Iona College

Student Recreation and Activity Center - Kiosk 61 Side B
NBD-Glucosamine Probe Using Solid Phase Synthesis Techniques
Hani Abukar, Hamline University

Student Recreation and Activity Center - Kiosk 61 Side C
Preliminary Research on Schreibersite
Jessica Osborn, Kennesaw State University

BUSINESS
Student Recreation and Activity Center - Kiosk 20 Side A
How Book Donations Affect Developing Economies
Shelby Simpkins, University of Kentucky

Student Recreation and Activity Center - Kiosk 20 Side B
Michelle Aninye, Kennesaw State University
Spent Coffee Grounds As An Alternative Green Source of Biodiesel
AIMA OVAI, Tarrant County College District

The Quantum Computational Study of the Geometric Configurations of HCCCN---CO2 Van De Waals Complex
Phong Vuong, Kennesaw State University

Title: Using Enyne Metathesis to Terminate ROMP
Ann Irvin, Tomiwa Oderinde, Georgia College and State University

Examining Biorepository Regulation and Sharing Permissions Through Natural Language Processing (NLP) of Informed Consent Documents
Anish Pavaskar, University of Michigan

An Analysis of Russian Troll Activity on Twitter
Jackson Sargent, University of Michigan

Characterization of Malicious URL by Using Machine Learning
John Park, Iowa State University

Creating A Web Application to Analyze Biofeedback to Convey Emotion
Norah Jean-Charles, Leonard Hayes, Kennesaw State University

Packaging Method to Assist in the Distribution and Execution of Bioinformatics Software
Mohammed Rahman, Rian Stancil, Jacob McCutchen, Jacob McKinney, Joseph Peacock, Rodney Bowers, Ming Yang, Tsai-Tien Tseng, Kennesaw State University

The Effect Code Reuse Has on Code Smells
Stephen Samson, Kennesaw State University

Perceived Stigmatization of Mental Health Issues Following Victimization
Daijah Johnson, Western Carolina University

The Effects of Economic Shocks on in Game Currency Exchange Rates by Country to $USD
Christopher Fonseca, Luis Perez, Yu Lin, University of the Pacific

Adverse Childhood Experiences at Abraham Baldwin Agricultural College
Sydney Conley, Audrey Hawk, Abraham Baldwin Agricultural College
STUDENT POSTER SESSION 9 - FRI 4:00PM-5:00PM

Student Recreation and Activity Center - Kiosk 32 Side B
Classroom Strategies for Students with Upper Limb Differences
Kayla Davis, Salisbury University

Student Recreation and Activity Center - Kiosk 32 Side C
Enhancing Preservice Teachers Application of Theory to Practice Through Experiential Learning Activities Outside the Confines of the Classroom
Meghan Gerlach, Katelynn Hogan, Victoria Gregston, Ali Worthington, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 33 Side A
Modified 3 x 2 Achievement Goal Scale
Zhiying Ren, Emory University

Student Recreation and Activity Center - Kiosk 33 Side B
People, Processes, and Papers: Exposure to the Scientific Review Process in Secondary Education
Gwendolyn Mirzoyan, Emory University

Student Recreation and Activity Center - Kiosk 33 Side C
Teaching Japanese Internment in Elementary Schools
Hanna Tadesse, Kennesaw State University

Student Recreation and Activity Center - Kiosk 34 Side A
Using Eye-Tracking Data to Determine What Biochemistry Students Attend to When Completing a Three-Dimensional Modeling Activity
Sienna Freeman, Kennesaw State University

ENGINEERING

Student Recreation and Activity Center - Kiosk 21 Side C
A Computational Study of the Interfacial Structure of Ionic Liquids
Alex Doom, University of Kentucky

Student Recreation and Activity Center - Kiosk 22 Side A
Analyzing the Mood-Improvement Effects of Exposure to Virtual Reality Dogs
Chloe Bryan, Joshua Biro, Clemson University

Student Recreation and Activity Center - Kiosk 22 Side B
Biocompatibility of Dental Implant Materials with Immune, Soft-, and Bone-Tissue Cells
Joel Jacob, University of Texas at Dallas

Student Recreation and Activity Center - Kiosk 23 Side A
Development of a 2D Traversing System to Assist a DBD Plasma Wound Healing Probe
Xuwen Mao, Yi Wang, Jianzhen Chen, Meng Cao, Pengkun Chen, San Jose State University

Student Recreation and Activity Center - Kiosk 23 Side B
Educational Cerebellum CAD Model
Steven Smiddy, Bentley Davis, Anthony McIntyre, San Jacinto College Honors Program

Student Recreation and Activity Center - Kiosk 23 Side C
Examination of Presence in VR Through Haptically Delivered Thermal Stimuli
Amanda Rickert, William (Tyler) Walter, Clemson University

Student Recreation and Activity Center - Kiosk 24 Side A
Functional and Structural Remodeling in Heart Failure: A Potential Predictor of Cardiac Recovery in Patients with Left Ventricle Assist Devices
Younjee Lee, University of Utah
STUDENT POSTER SESSION 9 - FRI 4:00PM-5:00PM

Student Recreation and Activity Center - Kiosk 24 Side B
Increasing Soil Health and Carbon Sequestering Through Cover Crop Usage
Mary Kloos, Emily Bollendorf, Kline Barke, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 24 Side C
Manipulation and Treatment of Liquid Metal Particles Used to Create Deformable, Electrically Conductive Wires
Jordan Walker, University of Alabama

Student Recreation and Activity Center - Kiosk 25 Side A
Mimicking Organic Motion to Robotic Movement
Tina Hayati, California State University - Long Beach

Student Recreation and Activity Center - Kiosk 25 Side B
Nanoscale Vacuum-Channel Field Emission Transistor
Kayla Golden, University of Wisconsin - Platteville

Student Recreation and Activity Center - Kiosk 25 Side C
Predicting Solid Propellant Performance Based on Formulation
Diego Chinchilla, California State University - Long Beach

Student Recreation and Activity Center - Kiosk 26 Side A
Rocker-Bogie Earth explorAtion Rover (R-BEAR)
Kristen Donahue, Nisha Kurian, Georgia Gwinnett College

Student Recreation and Activity Center - Kiosk 26 Side B
Swarm Robotics Using Crazyflie 2.0 Drones
Jesse Sarver, Western Carolina University

Student Recreation and Activity Center - Kiosk 26 Side C
Transient Conductive Heat Transfer Analysis in a Metallic Bar
Justin Crance, Valdosta State University

Student Recreation and Activity Center - Kiosk 27 Side A
Verification of End to End Learning Concept for Mobile Robotics Platforms
Vivian Nguyen, Kennesaw State University

Environmental Science & Sustainability

Student Recreation and Activity Center - Kiosk 64 Side A
Bird Biodiversity Assessment Tool: Furman’s Campus as a Case Study
Jake Batchelor, Furman University

Student Recreation and Activity Center - Kiosk 64 Side B
Effects of Hydrogen Peroxide on Hydroponic Lettuce Grown with Conventional and Organic Fertilizers
Vanessa Lau, Cornell University

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Miranda White, Bethune Cookman College

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Colten Detwiler, Jamie Erdely, Gustavus Adolphus College

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Chantal Bougie, Anna Kohler, University of Wisconsin - Eau Claire

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Christina Day, Xavier Slaw, Mathew Smith, Chris Austin, Clayton College & State University

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Veronica Vasina, Gustavus Adolphus College

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Maxwell Molls, University of Wisconsin - La Crosse

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Logan Elliott, University of North Carolina at Greensboro

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Sanovia Weje, University of Michigan
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Matthew McCarver, University of Tennessee at Chattanooga

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Noah Schaffrick, University of Wisconsin - Whitewater

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Anjali Perera, Texas Woman’s University

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Anuj Kotak, Virginia Commonwealth University

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Kelsey Brown, Kennesaw State University

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Michael Maresca, Sara Midence, University of Central Florida

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Revelle Gappy, Wayne State University

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Holly Huffman, University of Central Oklahoma

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Bernadette Ebri, Miami University

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Eva Price, Dawn Lindsay, Heeyoung Lee, Ann Mitchell, University of Pittsburgh School of Nursing

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Devin Singh, Virginia Commonwealth University

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Alexandra Nunno-Gorbachev, North Carolina State University

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Aneesah Hyder, Texas Woman’s University

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Annika Daya, Hannah Goymer, University of Alabama at Birmingham

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Rohil Kayastha, Minnesota State University, Mankato

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Thomas Shelton, University of Kentucky

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John Andrikos, Xavier Orozco, Loyola Marymount University

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Monika Moore, Iowa State University

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Haley Marx, Virginia Commonwealth University

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Delaney Thibodeau, North Carolina State University

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Christen Snyder, Westminster College

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Sabrina Ash, Iowa State University

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Maegan Harrison, Lagrange College

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Rosa Espinosa Zuniga, Eastern Washington University

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Haley Adams, University of West Florida
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Nicole Baker, Kyle Kohlheyer, Kennesaw State University

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Saniya Soni, Drexel University

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Jarad Turpen, Milligan College

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Chloe Pitre, Kennesaw State University

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Christina Cutright, Kennesaw State University

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Aaliyah Watts, Chloe Turner, Kennesaw State University

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Alaska Beck, Lauren Hollis, Shelby Bruggeman, Slippery Rock University

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Erica Coleman, Adelphi University

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Chelsey Cooper, Montel Williams, Virginia State University

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Amelia Gulding, Virginia Commonwealth University

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Destiny Porter, Kennesaw State University

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Yankarlos Taveras, University of Tennessee at Chattanooga

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Kerri Tang, University of Alabama at Birmingham

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Kazuhisa Goto, Ka Tsun Cheung, Chiho Takiya, Ken Nomoto, Musashino University

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Jennifer Nowak, University of Wisconsin - Whitewater

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Pietro Mogianesi, Elon University

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Odalis Perez, California State University - Long Beach

Causes and Current Intervention Methods of Gender-Based Violence in South Africa

Andrea Badillo-Pérez, University of North Carolina at Greensboro

How Social Media Affects Mental Health

Amanda Karan, Kennesaw State University

Somatic Symptoms and Past-30 Day Opioid Misuse Among Justice-Involved Children

Sarah Clerjuste, University of Florida

Living Black in the Field of Brown: Black Students Striving for Academic and Social

Kaline Leke, Nonzenzele Aldonza, Rochelle Mulondo, Manuel Leon, University of California - Merced

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Darien McElwee, Emory University
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| Mary McKenna, University of Tennessee at Knoxville |

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| Jeremy Bowen, Kennesaw State University |

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Amber Persons, Kentucky State University

Student Recreation and Activity Center - Kiosk 62 Side A
The Effect of Electrolyte Concentration on Capacity Retention in Aqueous Secondary Zinc-Ion Batteries for Cryptomelane Type Manganese Dioxide Cathodes
Joshua Laughlin, Zeljka Zec, Altug Poyraz, Kennesaw State University
Understanding Combustion: Gas Phase Kinetics of the CH Radical and Cyclopentadiene Reaction  
Zachery Donnellan, West Virginia University

Development of a New Anionic N-heterocyclic Carbene: Synthesis and Coordination  
Ella Swales, Simon Young, Andrew Duenas, Kennesaw State University

Prediction of RNA Fold Structure Using Machine Learning  
Paul Joseph Tholath, Emory University

Exposing America: How Sacha Baron Cohen Elicits Shocking Responses in Who Is America?  
Rebecca Rabiner, Elon University

Using Geolocated Twitter Sentiment to Advise Municipal Decision Making  
Anna Cosentino, Elon University

An Exploration of Programming Languages for Drone-Based Image Processing in a College-Level Curriculum  
Henry Mound, Middlebury College

The Effect of Early Immersion in Computer Science on Underrepresented Middle School Girls Via a Summer Outreach Coding Camp  
Sabrina Meli, Terrence Chan, Barry University

Perceptions of Homelessness and the Criminal Justice System  
Kathleen Williams, Bisma Hussain, Tiara Taylor, Kennesaw State University

An Exploration of Programming Languages for Drone-Based Image Processing in a College-Level Curriculum  
Henry Mound, Middlebury College

Classifying Sculptures by Art Style Using Convolutional Neural Networks  
Harry Shomer, City University of New York-Brooklyn College

Intrusion Detection Using Genetic Self-Organizing Maps and Adaptive Resonance Theory  
Elisabeth Petit-Bois, Eric Tran, Kennesaw State University

Project ORION: Observatory for Cyber-Risk Insights and Outages of Networks  
Alexander Hsia, University of Michigan

The Effect of Early Immersion in Computer Science on Underrepresented Middle School Girls Via a Summer Outreach Coding Camp  
Sabrina Meli, Terrence Chan, Barry University

Perceptions of Homelessness and the Criminal Justice System  
Kathleen Williams, Bisma Hussain, Tiara Taylor, Kennesaw State University

Lost Lugares: Tracing Queer Latino/a/x Spaces  
Bianca Garibay, California State University - Long Beach
ECONOMICS

Student Recreation and Activity Center - Kiosk 21 Side B

Tis’ the Season: A Study on the Seasonal Variance of Altruistic Behaviors
Greysen Danae, Eastern Washington University

EDUCATION

Student Recreation and Activity Center - Kiosk 32 Side A

African American Students’ Ph.D. Intentions: Difference in Racial Socialization and Global Self-Efficacy by Socioeconomic Status and Program Participation
Winston Scott, University of Rochester

Student Recreation and Activity Center - Kiosk 32 Side B

Coding a Path Through High-Quality Feedback
Colter Uscola, West Virginia University

Student Recreation and Activity Center - Kiosk 32 Side C

Evaluating Care Team Communication During An Educational End Of Life Simulation
Allison Ricamato, University of Alabama

Student Recreation and Activity Center - Kiosk 33 Side A

More Alike Than Not: Educational Leadership in K-12 and Higher Education
Jessica Altz, Michaela “Charly” Grandstaff, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 33 Side C

Teaching Radicals, Georgia Standard of Excellence VS. Singapore’s Curriculum
Shelby Bradley, Kennesaw State University

ENGINEERING

Student Recreation and Activity Center - Kiosk 21 Side C

A Lasagna-Inspired Nanoscale ZnO Anode Design for High-Energy Rechargeable Aqueous Batteries
Anmol Mathur, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 22 Side A

Aortic Valve Leaflet Curvature as a Function of Elastin Degradation
Amanda Barreto, Florida International University

Student Recreation and Activity Center - Kiosk 22 Side B

Biodegradable Flatware
Laura Oviedo, Georgia Institute of Technology

Student Recreation and Activity Center - Kiosk 22 Side C

Design and Array Optimization of Collapsible, Low-speed Vertical Axis Wind Turbines
Deok-Hoon Jeong, Amro Bayoumy, University of Rochester

Student Recreation and Activity Center - Kiosk 23 Side A

Development of a Sensor to Monitor Major Depression Disorder(MDD) by Detecting Neuropeptide-Y(NPY)
Nathan Churcher, University of Texas at Dallas

Student Recreation and Activity Center - Kiosk 23 Side B

Effect of Airbrush Attachment Geometry on Speckle Pattern Characteristics for Application with Digital Image Correlation
Lucas McPherren, Iowa State University
STUDENT POSTER SESSION 10 - SAT 8:30AM-9:30AM

Student Recreation and Activity Center - Kiosk 23 Side C
Exercising Implications of Climate Change for Food Security in the U.S. Midwest: A Geospatial Analytics Approach
Angie Burke, Iowa State University

Student Recreation and Activity Center - Kiosk 24 Side B
Indoor Mapping and Inspection Using Autonomous Quadcopter Drone
Bhavyansh Mishra, University of West Florida

Student Recreation and Activity Center - Kiosk 25 Side B
Nitrous Oxide VS Boost Pressure
Zachery Davis, Charles Galbreath, Utah Valley University

Student Recreation and Activity Center - Kiosk 25 Side C
Probing Biomechanical Tension in Fibroblast-Populated Collagen Lattices
Erin Drewke, University of Central Oklahoma

Student Recreation and Activity Center - Kiosk 26 Side B
The Ability of Implants to Cure Lymphadema
Faizaan Khan, Virginia Commonwealth University

Student Recreation and Activity Center - Kiosk 26 Side C
Turbojet Noise and Emissions in Operation with Synthetic Kerosene Fuels
Margaret Kilpatrick, Georgia Southern University

Student Recreation and Activity Center - Kiosk 27 Side A
Water Harvesting Using Solar Energy
Evan Gildernew, University of Tennessee at Chattanooga

Student Recreation and Activity Center - Kiosk 37 Side A
Does Time-varying Modulation of Few-layer-graphene and Insulator System Provide Frequency Tunability?
Jennifer Olszyna, Dylan McKelvey, University of North Alabama

ENGLISH & LITERATURE
Student Recreation and Activity Center - Kiosk 38 Side B
When Odyssey Meets Polyphemus: The Nobodies of the World in Stieg Larsson’s Millennium Trilogy
Emma Chisholm, Chaminade University of Honolulu

ENVIRONMENTAL SCIENCE & SUSTAINABILITY
Student Recreation and Activity Center - Kiosk 63 Side C
A Comparative Study of Dissolved Oxygen Between Lakes Springfield and Thompson
Rebecca Smith, University of Illinois at Springfield

Student Recreation and Activity Center - Kiosk 64 Side A
Business Ecology: The Environmental Considerations of Enterprises in Southwestern Virginia
Nicole Sabilia, Roanoke College

Student Recreation and Activity Center - Kiosk 64 Side B
Effects of Titanium Dioxide Nanoparticles on Bivalve Larvae
Micayla Shirley, Georgia Perimeter College - Decatur Campus

Student Recreation and Activity Center - Kiosk 64 Side C
Hydrologic and Sediment Yield Modeling of Native Prairie and Encroached Eastern Redcedar Watersheds
Rainee Deroin, Oklahoma State University
Student Recreation and Activity Center - Kiosk 65 Side A
Microplastics and Antibiotics
Ajanta Dutta, Wayne State University

Student Recreation and Activity Center - Kiosk 65 Side B
Relationship Between Salinity and Algal Biomass in Coastal Waters of Georgia
Julia Steele, Morgan Rasmussen, Georgia College and State University

Student Recreation and Activity Center - Kiosk 65 Side C
Terminal Die-back, the Result of a New Neofusicoccum Species
Courtney Cameron, University of Georgia

Student Recreation and Activity Center - Kiosk 66 Side A
Utilizing Confocal Scanning Laser Microscopy to Determine Root Colonization of Corn by Rhizobacteria
Ashley Jones, Northern Arizona University

EXERCISE SCIENCE & NUTRITION
Student Recreation and Activity Center - Kiosk 5 Side A
Defining Dairy Consumption in Pregnant Women Living in Central Iowa
Jessica Lundberg, Iowa State University

Student Recreation and Activity Center - Kiosk 5 Side B
Effect of Whey Protein Metabolites on Insulin Signaling in Women with Polycystic Ovary Syndrome (PCOS)
Lily Sebastian, Texas Woman’s University

Student Recreation and Activity Center - Kiosk 5 Side C
High-Protein Diet-Induced Improvements in Body Composition in Women: Feasibility of a Novel Template-based Intervention Delivery Method
Abigail Niersbach, University of Georgia

Student Recreation and Activity Center - Kiosk 6 Side A
Relationship Among Dominant And Non-Dominant Hand Grip Strength And Pole Vault Performance
Jenna Rieth, Nelson Finne, Gustavus Adolphus College

Student Recreation and Activity Center - Kiosk 6 Side B
The Effects of Resistance Training on Cardiovascular Function
Lainey Hunnicutt, Appalachian State University

GEOGRAPHY/GEOLOGY
Student Recreation and Activity Center - Kiosk 41 Side A
Evaluating Intra-crystalline Zr Stable Isotope Zonation in a Zircon Megacryst
Hannah Tompkins, University of Rochester

HISTORY
Student Recreation and Activity Center - Kiosk 38 Side C
Archive Stories: Public History, Nadia Boulanger, and the American Library in Paris
Sarah Lundy, Michaela Stock, Hope College

Student Recreation and Activity Center - Kiosk 39 Side B
Stalin’s Political Power Shaping the Holodomor
Gwendolyn Wentworth, Embry - Riddle Aeronautical University

Student Recreation and Activity Center - Kiosk 39 Side C
The Women Against Equality
Marina Yousef, Trevecca Nazarene University
INTERDISCIPLINARY STUDIES
Student Recreation and Activity Center - Kiosk 34 Side C
Echo Chambers in Social Media: Why Do People Seek or Reject Opposing Viewpoints
Theresa Parker, Eastern Connecticut State University

Student Recreation and Activity Center - Kiosk 35 Side B
Objectivity: Legendary Myth or Possible Achievement?
Rebecca Moore, University of West Georgia

Student Recreation and Activity Center - Kiosk 35 Side C
The Impact of Smart Growth Initiative in the State of Wisconsin
Iveel Munkhbaatar, University of Wisconsin - Superior

LAW & LEGAL STUDIES
Student Recreation and Activity Center - Kiosk 37 Side C
What Drug Court Treatments and Services Matter the Most?
Rachel Smith, University of Wisconsin - Stout

MATHEMATICS
Student Recreation and Activity Center - Kiosk 27 Side B
Data Mining to Benefit Foster Care Children and Parents
Daniel Oldham, Embry - Riddle Aeronautical University

MUSIC
Student Recreation and Activity Center - Kiosk 67 Side A
Correction of Spatialization Issues in Acousmatic Music: Remediying Incompatibility Between SpatGRIS and Logic Pro X
John Levee, Stetson University

NURSING & PUBLIC HEALTH
Student Recreation and Activity Center - Kiosk 1 Side A
An In-depth Analysis of Adult Vaccination Rates in the Two Rivers Public Health District
Kylie Johnson, University of Nebraska at Kearney

Student Recreation and Activity Center - Kiosk 1 Side B
Care Coordination in the US Health System
Courtney Knotts, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 1 Side C
Comparison of Depressive Symptoms Among Different Breast Cancer Treatments
Jennifer Marx, University of Pittsburgh School of Nursing

Student Recreation and Activity Center - Kiosk 2 Side A
Effective Nursing Interventions in the Prevention of Central Line-Associated Bloodstream Infections in Intensive Care Patients
Lauren Bonney, The University of Virginia’s College at Wise

Student Recreation and Activity Center - Kiosk 2 Side B
Exploration of Personal and Work Environment Factors Impacting Incivility Among Newly Licensed Registered Nurses
Bailey Zimmerman, Texas Woman's University

Student Recreation and Activity Center - Kiosk 2 Side C
Homegrown - The Relationship Between Growing Food and Obesity and Cardiovascular Risk Factors in An Urban Primary Care Clinic
Raveena Mata, Renieh Nabaty, Rita Shendaj, Wayne State University
Student Recreation and Activity Center - Kiosk 3 Side A
Intimate Partner Violence, Social and Structural Stressors and Health Concerns Among a Clinic-based Sample of Low-income Immigrant Women in Northern Virginia
Alzahra Hamidaddin, Ruth Maul, Renata Aldaz, Maricielo Ampudia, Karina Escobar, Yareli Arellano, George Mason University

Student Recreation and Activity Center - Kiosk 3 Side B
Optical Pressure Transducer for Blood Pressure Monitoring During Emergency Endovascular Treatment of Ischemic Stroke
Phillip Williams, Kennesaw State University

Student Recreation and Activity Center - Kiosk 4 Side A
Tau Protein Aggregates Influence Dendritic Spine Morphologies in the Prefrontal Cortex of Corticobasal Degeneration
Raksha Ramdas, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 4 Side B
The Impact of Amphetamine-Induced Sleep Deprivation on the Mental Health of Vietnam War Veterans
Rebecca Lovelace, Virginia Commonwealth University

Student Recreation and Activity Center - Kiosk 4 Side C
Scaling Up Comprehensive Sexuality Education in South Africa
Alex Caviness, University of North Carolina at Charlotte

PHYSICAL/OCcupational Therapy & Speech Language Pathology
Student Recreation and Activity Center - Kiosk 6 Side C
Assessment for Vestibulo- Ocular Reflex for Multifocal Lens Eye Glass Wears
Kathryn Neave, Lindsey Skinner, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 7 Side A
Re-Evaluation of Assessment and Intervention Approaches for Infants with Dysphagic Symptomology Following a Traumatic Birth
Bobbie Moseman, University of Nebraska at Kearney

Student Recreation and Activity Center - Kiosk 7 Side B
What Is the Effect Using Animal-assisted Therapy on Picture Recognition, and Agitation on Older Adults with Mild to Severe Dementia in Long-term Care?
Jenilee Woltman, University of Nebraska at Kearney

PHYSICS
Student Recreation and Activity Center - Kiosk 28 Side A
A Review of Magnetic Nanoparticle Synthesis and Characterization Methods for Medical Applications
Jamie Kuhns, University of Wisconsin - Stout

Student Recreation and Activity Center - Kiosk 28 Side B
Cosmic Rays and Detecting Them
Allison Muchiri, Oklahoma State University

Student Recreation and Activity Center - Kiosk 29 Side A
Physical Parameters of Luminous O-B Stars
Michael Watson, University of Wisconsin - Oshkosh
**STUDENT POSTER SESSION 10 - SAT 8:30AM-9:30AM**

**Student Recreation and Activity Center - Kiosk 29 Side B**
*Subatomic Particle Identification with a RICH Detector*
*Collin Mccauley, Duquesne University*

**POLITICAL SCIENCE**

**Bagwell Education Building 132**
*Fundamental Disagreements: Why Al Qaeda and ISIS Are in Competition and the Future of Counter Terrorism*
*Molly Weston, Georgia Institute of Technology*

**Student Recreation and Activity Center - Kiosk 36 Side A**
*Access or Exclusion? An Analysis of State Reproductive Rights*
*Sam Gilbert, Eastern Illinois University*

**Student Recreation and Activity Center - Kiosk 36 Side C**
*Exploring the Rural-Urban Divide: Are Urban Areas More Democratic*
*Ryan Prater, Susquehanna University*

**PSYCHOLOGY**

**Student Recreation and Activity Center - Kiosk 7 Side C**
*“Once in a Dark Land, There Was a Creepy Octopus!” A Study of Young Children’s Storytelling*
*Shilpa Mookerji, Elon University*

**Student Recreation and Activity Center - Kiosk 8 Side A**
*Amygdala Connectivity During Emotion Regulation in Depressed Adolescents with Non-Suicidal Self Injurious Behavior (NSSIB)*
*Carmen Santana-Gonzalez, University of Minnesota, Twin Cities*

**Student Recreation and Activity Center - Kiosk 8 Side B**
*Association Between Sensory Modulation Irregularities and Inhibitory Control in Preschool-Aged Children*
*Mackenzie Gruber, Westminster College*

**Student Recreation and Activity Center - Kiosk 8 Side C**
*Children's Friendships and Peer Victimization: A Two-Year Longitudinal Study*
*Cassidy Hannah, University of North Georgia*

**Student Recreation and Activity Center - Kiosk 9 Side A**
*Comparing the Effectiveness of an IPad Intervention to an Analog Intervention*
*Olivia Marquette, Minnesota State University, Mankato*

**Student Recreation and Activity Center - Kiosk 9 Side B**
*Dark Personalities, Self-Adornment, and Risky Sexual Behavior: How Do They Correlate?*
*Raniya Shakir, High Point University*

**Student Recreation and Activity Center - Kiosk 9 Side C**
*Philosophical Diversity and Its Impact on Students’ Classroom Expression at UMD: Moderation Analysis*
*Olivia Wolff-Herda, University of Minnesota, Duluth*

**Student Recreation and Activity Center - Kiosk 10 Side A**
*Effects of Chronic Cannabinoid Agonists on Dopamine Release and Related Behavior*
*Megan McWain, University of Memphis*

**Student Recreation and Activity Center - Kiosk 10 Side B**
*Examining the Effects of Chronic Cannabinoid Activation on Mesolimbic Dopamine Release*
*Abigail Chaffin, University of Memphis*

**Student Recreation and Activity Center - Kiosk 10 Side C**
*Exploring the Effects of Eyewitness Recall: Do Auditory Distractions Matter?*
*Alisa Conrady, University of South Carolina Upstate*
Student Recreation and Activity Center - Kiosk 11 Side A
From East to West: Does Your Personality Affect Your Risk of Binge Drinking? A Cross-Cultural Analysis
Carmen Roland, Georgia Gwinnett College

Student Recreation and Activity Center - Kiosk 11 Side C
Individual Differences in Decision-Making
Catelyn Shipp, Georgia Southern University

Student Recreation and Activity Center - Kiosk 12 Side A
Is Procrastinating the New Way to Get an A? Effect of Student Autonomy on Active Procrastination and Academic Achievement
Kyle Kohlheyer, Nicole Baker, Kennesaw State University

Student Recreation and Activity Center - Kiosk 12 Side B
Left or Right: A Study on Handedness and Gesture-Speech Relationship in Preschoolers
Melis Ciftci, Ebru Pinar, Sumeyra Ozturk, Nihan Ketrez, Kennesaw State University

Student Recreation and Activity Center - Kiosk 12 Side C
Media and the Sexualization of Young Girls
Corey Marshall, Fort Valley State University

Student Recreation and Activity Center - Kiosk 13 Side A
Openness in Adoption: Psychological Outcomes Among Birth Mothers
Laura Pastrana, Weber State University

Student Recreation and Activity Center - Kiosk 13 Side B
Predicting Student Stress Related to Mobile Maintenance Expectations: An Exploratory Analysis
Kendall Poovey, Katerina Mathes, Abi Bustamante, Kennesaw State University

Student Recreation and Activity Center - Kiosk 13 Side C
Psychometric Evaluation of the Mental Contamination Index
Christen Snyder, Morgan Miller, Westminster College

Student Recreation and Activity Center - Kiosk 14 Side A
Reflections on Hooking Up and Self Esteem
Kelly Clark, Miami University

Student Recreation and Activity Center - Kiosk 14 Side B
Sex and Relationship Dyads in Texting
Abeer Salah, Katie Markham, Jennifer Sanders, Emily Boone, University of Memphis- Lambuth

Student Recreation and Activity Center - Kiosk 14 Side C
Social Media Representation and Self-Esteem
Charlton Lyons, Sevon Baxley, Fort Valley State University

Student Recreation and Activity Center - Kiosk 15 Side A
The Ability of Fish Consumption and Gender to Predict Body Mass Index
Jazzmyne Jefferson, Virginia State University

Student Recreation and Activity Center - Kiosk 15 Side C
The Effects of Parent Attachment and Parenting Styles on Decision-Making in College Students
Jenna Wasarhelyi, Susquehanna University
Student Recreation and Activity Center - Kiosk 16 Side A
The Influence of the Content of Counterfactual Thoughts on Diabetes Self-Care
Kevin Toal, Kevin Toal, Jenna Caster, Carly Ng, Alyssa Cohen, Ithaca College

Student Recreation and Activity Center - Kiosk 16 Side B
The Relationship Between Sleep Deprived College Students and Internalizing Symptoms Caused by Perceived Academic Workload
Manuel Merino, Florida International University

Student Recreation and Activity Center - Kiosk 16 Side C
To Swipe Or Not To Swipe: A Modern Day Romance
Laura McNiff, Gabriella Tullis, University of North Georgia

Student Recreation and Activity Center - Kiosk 17 Side A
Volumetric Differences of the Thalamus in Developmental Dyslexia
Mykayla Jeter, Georgia State University

Student Recreation and Activity Center - Kiosk 17 Side B
Churching Shopping and Protestant Worship Diversity in Naperville: Examining the Fluid Relationship Between Worship Practices Within Churches and the Church Shopping Culture of the Local Community
Kaitlyn Rustemeyer, Hope College

Student Recreation and Activity Center - Kiosk 17 Side C
What Open High School Can Tell Us About The Current State Of Education In America
Dante Burrichter, George Mason University

SOCIAL WORK & HUMAN SERVICES
Student Recreation and Activity Center - Kiosk 19 Side A
“We Belong Here”; Academically Successful Minority College Students
Julie Clergé, Bridgewater State University

Student Recreation and Activity Center - Kiosk 19 Side C
Self-Monitoring and Visual Aids for Shower Hygiene in Individuals with Developmental and Intellectual Disabilities
Amanda Dillon, George Mason University

SOCIOMETRY
Student Recreation and Activity Center - Kiosk 17 Side B
A Content Analysis of Health as Depicted on Instagram
Brooke Cassanova, Nicole Delagrange, Kennesaw State University

Student Recreation and Activity Center - Kiosk 19 Side B
Grief Perceptions and Educational Analysis
Shelby Anderson, Winthrop University

Student Recreation and Activity Center - Kiosk 69 Side A
The Stigma Associated with Menstruation in College Women and Men
Kaitlyn Baldwin, Anna Nguyen, Sarah Wayer, University of West Florida
STUDENT POSTER SESSION 11 - SAT 9:45AM-10:45AM

ANTHROPOLOGY & ARCHEOLOGY
Student Recreation and Activity Center - Kiosk 40 Side A
Comparing Infant Mortality of Amish Founder Mitochondrial Lineages to Introduced Lineages
Samuel Joslyn, George Mason University

Prehistoric Hunting Patterns of the Mississippian Period
Bryant Long, Kennesaw State University

Student Recreation and Activity Center - Kiosk 40 Side B
Using the Vertebral Column for Sex Estimation in Archaeological Skeletal Remains
Leighann Wharton, California University of Pennsylvania

ARCHITECTURE, CONSTRUCTION MANAGEMENT, & INTERIOR DESIGN
Student Recreation and Activity Center - Kiosk 68 Side A
Future Of Retail
Alexander Hardison, Lindsay Everhart, Michael Nelson, Tanner Schulz, Keegan Moran, Appalachian State University

Student Recreation and Activity Center - Kiosk 68 Side B
The Anti-Panopticon: Rethinking the Architecture of Surveillance
Darral Tate, Kennesaw State University

ART HISTORY & VISUAL ARTS
Student Recreation and Activity Center - Kiosk 66 Side B
Customs Among Civilizations
Sarah Blank, University of Central Oklahoma

BIOCHEMISTRY
Student Recreation and Activity Center - Kiosk 56 Side B
Annexin V and Gaussia Luciferase Protein Studies for Bioluminescence Apoptosis Detection
Andres Perez, University of Miami

Student Recreation and Activity Center - Kiosk 56 Side C
Characterizing Chemical Signaling Between Honey Locust and Rhizobia Using HPLC/MS
Leo Bohlmann, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 57 Side A
Effect of Modulated Anodes on the Performance of Microbial Fuel Cells (MFC)
Kwendo Mwaniki, Yiming Yang, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 58 Side A
Long Non-coding RNAs, a Subset of Non-protein Coding Genes with Major Implications Towards Muscular Dystrophy
Grace Smith, University of Maine

Student Recreation and Activity Center - Kiosk 58 Side C
Spermidine Mechanism of Rescuing the Effects of a High Fat Diet in Mice
Anja Schempf, University of Chicago

Student Recreation and Activity Center - Kiosk 69 Side C
Protein-Polymer Bioconjugation Effects on Activity and Stability of Cellulase (FnCel5a) with Varying Molecular Weights of Polymer Chains
Natasha Ram, University of South Florida
STUDENT POSTER SESSION 11 - SAT 9:45AM-10:45AM

BIOLOGY
Student Recreation and Activity Center - Kiosk 41 Side B
“Ale You Have to Know Is the Basics: Comparing the Relationship Between Titratable Acidity and Taste in Sour Beer”
Adwoa Bonsu, Kennesaw State University

Student Recreation and Activity Center - Kiosk 41 Side C
A Systematic Review of Splenic Infarction in Individuals with Sickle Cell Trait
Wynton Sims, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 42 Side A
Analysis of Emerging Contaminant: Galaxolide in the Delaware Bay
Wil Winter, University of Maryland Eastern Shore

Student Recreation and Activity Center - Kiosk 42 Side C
Axl Is a Promising Therapeutic Target to Inhibit the Spread of Cancer Cells
Tiffany Le, University of Florida

Student Recreation and Activity Center - Kiosk 43 Side A
Bridging the Gaps in Freshwater Silicate Cycles: Assessing Silicate Demand and Incorporation in Freshwater Phytoplankton
Loretha Jack, University of Wisconsin - Milwaukee

Student Recreation and Activity Center - Kiosk 43 Side B
Changes in Gene Expression in Equine DSSDL as Determined by Next Generation Sequencing
Madeline Young, University of Georgia

Student Recreation and Activity Center - Kiosk 43 Side C
Circular RNAs Associated with Neuronal Network Formation Exhibit Differential Expression in Penumbra
Elaine Huang, Lafayette College

Student Recreation and Activity Center - Kiosk 44 Side A
Connective Tissue Infiltration into Three-Dimensional Sintered Cobalt Chrome Alloy
Bethany Haus, Eryn Zuiker, Minnesota State University, Mankato

Student Recreation and Activity Center - Kiosk 44 Side B
Delivery of Therapeutic Proteins into Cervical Cancer Cells Via a Cancer-Specific Cell Penetrating Peptide
Mackenzie Kennedy, Kennesaw State University

Student Recreation and Activity Center - Kiosk 44 Side C
Determining PRDM1 (Blimp1) Protein Expression by Western Blotting and Immunofluorescence
Jose Pagan-Padilla, NC State University

Student Recreation and Activity Center - Kiosk 45 Side A
Differential Gene Expression Analysis in Peripheral Blood Samples of Patients with Idiopathic Pulmonary Fibrosis: A Comparison Between DESEQ2 and NOISeqBio Analysis Algorithms
Erica Bang, George Mason University

Student Recreation and Activity Center - Kiosk 45 Side B
E-cadherin Methylation Is Increased in Several Tumor Types, but Not Correlated with DNMT3B7 Expression
Mary Lotesto, Elmhurst College

Student Recreation and Activity Center - Kiosk 45 Side C
Effects Of Branched-Chain Amino Acids on GLUT1 Abundance in Bovine Mammary Epithelial Cells
Nadiia Stepanchenko, Anthony Kramer, Xinyuan Zhang, Ranga Jayasooriya, Iowa State University
Student Recreation and Activity Center - Kiosk 46 Side A
Effects of Social Isolation on Aggression and Androgens in Convict Cichlids (Amatitlania siquia)
Brooke Sienkiewicz, Georgia State University

Student Recreation and Activity Center - Kiosk 46 Side B
Epigenetic Alterations of the PDGFR-Beta Gene in Cardiac Mesenchymal Stem Cells Mediates Their Pro-Fibrotic Myofibroblastic Differentiation in Response to Inflammatory Stimulus
Lauren Moradi, University of Alabama at Birmingham

Student Recreation and Activity Center - Kiosk 46 Side C
Evaluation of Secondary Successional Changes in Elon University Forest After the Ice Storm of March 2014
Madeline Turnau, Elon University

Student Recreation and Activity Center - Kiosk 47 Side A
Feeding and Pupation Ecology of Frosted Elfin Caterpillars (Callophrys irus)
Karsin Bachran, Salisbury University

Student Recreation and Activity Center - Kiosk 47 Side B
Genetic Analysis of Powassan Virus Genotypes Circulating in North America
Kristen Huseman, University of Findlay

Student Recreation and Activity Center - Kiosk 47 Side C
High-throughput Gene Expression Analysis of in Vitro and in Vivo Mammalian Cardiogenesis Identifies a Shared Developmental Gene Expression Signatures
Andrew Williamson, Indiana State University

Student Recreation and Activity Center - Kiosk 48 Side A
Identification of a Subset of Idiopathic Pulmonary Fibrosis Patients with Low Mitochondrial DNA Copy Number and High Mitochondrial Gene Expression
Jorge Fernandez Davila, George Mason University

Student Recreation and Activity Center - Kiosk 48 Side B
Identifying Anti-fungal Susceptibility Variants in the Yeast Saccharomyces cerevisiae
Shawn Diertl, Loyola University Maryland

Student Recreation and Activity Center - Kiosk 48 Side C
Inflammasomes, Fibrosis, and Breast Cancer Progression
Makenzie Postma, University of North Carolina at Charlotte

Student Recreation and Activity Center - Kiosk 49 Side B
Investigation of the Estrogen-mimicking Cellular Mechanism and Toxicological Developmental Effects of BPA Derivatives
Levi Schiefer, Liberty University

Student Recreation and Activity Center - Kiosk 50 Side A
Macrophages Polarized in 3D Culture Demonstrate Pro-Tumoral Properties Towards Ovarian Cancer
Nam Hoon Kim, University of Michigan

Student Recreation and Activity Center - Kiosk 50 Side B
Minnesota Freshwater Sponge Project
Kaitlin Sikkink, Michaela Lano, Trevor Long, Karl Anderson, University of Minnesota - Crookston
Mucin Impacts Pseudomonas aeruginosa Biofilm Growth on Endotracheal Tubing

Leslie Kent, University of Minnesota, Twin Cities

Optimization of DNA Extraction Method for Forensic Chewing Gum Samples

Chelsea Jones, Ashton Jones, Western Carolina University

Photodynamic Therapy on Mucormycosis-causing Rhizopus oryzae Fungal Biofilms

Shane Gunnerson, Levi Neely, Amanda Neely, Tyson Hill, Jedediah Orullian, Utah Valley University

Quantification of Aflatoxin B1 (AFB1) in Aspergillus parasiticus, Treated with Plant Based Antimicrobial Compounds in Peanuts

Yawa Zolome, Kennesaw State University

Revisiting Wombat Hair: Molecularly Tracking a Burrowing Marsupial Through Time

Jordyn Upton, Northern Arizona University

Sex-related Differences Exhibited by Middle-aged Mice in Behavior and Their Response to Inflammatory Stimulus

Rachel Dockman, University of Georgia

Stress-induced Modulation of Brain Dopamine and Serotonin Receptor Expression in Male and Female Rats

Susannah Garber, Joseph Picone, Christopher Newport University

Testing for Borrelia burgdorferi, the Bacterium That Causes Lyme Disease, in Peromyscus leucopus in Ohio

Rebecca Kapavik, Capital University

The Effect of Environmental and Nutritional Factors on Quorum Sensing Signals from Aeromonas hydrophila

Joseph Dugan, Kennesaw State University

The Effect of UVB on Chromatin Condensation in Different Cell Lines

Anh Vo, Texas Woman’s University

The Effects of Smad1 on dll Interneuron Development in Mouse Embryonic Stem Cells

Armo Derbargesian, University of California - Los Angeles

The Influence of External Factors on Mycobacteriophage Cepens’ Host Interactions

Kandice Cantrell, University of North Georgia
Student Recreation and Activity Center - Kiosk 55 Side B
The Supramammillary Node of the Ascending Arousal System – Efferent Connections That Control Sleep-Wake and the Hippocampus
Asmita Gathoo, Naomie Gutekunst, Lauren Alani, Hyun Seo, Emory University

Student Recreation and Activity Center - Kiosk 56 Side A
Validating a C. elegans Model of Tau Neuropathy
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Carson Hoffman, University of Michigan

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Sarah Blust, Georgia Institute of Technology

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Erik Riefe, Kennesaw State University

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Rebeca Feregrino Rodriguez, Joshua Bray, Kennesaw State University

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Joao Francolin, Alexander Fache, Gabrielle Duva, Alicia Mora Velasco, Nelson Raphael, Alisa Allaire, Alex Chang, Patricio Vela, Georgia Institute of Technology

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GENDER NEUTRAL BATHROOMS

KENNESAW CAMPUS
Science Building (4 total): 2nd, 3rd, 4th, and 5th floors
Math & Statistics Building (2 total): Ground Floor
Student Center (1 total): 2nd floor, across from 5/3rd Bank
Kennesaw Hall (1 total): 1st floor, Administration Side
University College (1 total): 2nd Floor
Wilson Annex: 2 gendered single stall restrooms on 2nd floor
Prillaman Hall (2 total): 1st & 2nd floor, near northwest stairs
Siegel Student Recreation & Activities Center
Gender Neutral Locker Room & Showers; next to pool entrance
Campus Green: 1 in hall off of entrance
Education Building: Second Floor, Suite 225,
Center for Literacy & Learning
Sturgis Library: 1st floor, in corners near women's restroom

MARIETTA CAMPUS
Wilson Student Center (A): 2nd Floor, near A215 & A216
Norton Hall (R2): South Entrance, Ground Floor
Engineering Building (Q): Faculty Restroom, 2nd Floor
Academic Building (H): 2nd Floor, First Hallway
Community Center (R30): Lobby
Howell (R1): Ground Floor, left of main lobby
Hornet Village 100 (R701): 1st Floor, Near the Office
Hornet Village 200 (R702): 1st Floor, Back of Main Lobby
University Columns Community Center (R4011):
Right of kitchen area, at the end of the garage

LOST & FOUND
Student Center, at the Information Desk in the rotunda area

LUGGAGE CHECK-IN
Siegel Student Recreation and Activities Center, Rm 10908

LOUNGES
Student Lounge
Sturgis Library, Rm 101
Faculty Lounge
Convocation Center, Rm 2005

LACTATION ROOMS
Prillaman Hall, Rm 3000
English Building, Rm 197A

PRAYER ROOM
Student Center, Room 303

STUDENT RESOURCES CENTER
Faculty from the Council on Undergraduate Research (CUR) and staff from Career Planning and Development at KSU will be on hand for students to drop in for one-on-one assistance with resumes/CVs, suggestions for applying for research internships, feedback on presentation skills, and other professional development topics. Students are encouraged to bring their current resume/CV with them for critiques, especially as it relates to highlighting research experiences and accomplishments. This is a unique opportunity to get materials and advice from friendly professionals outside of your college or university.

Sturgis Library, Rm 125