



COUNCIL ON UNDERGRADUATE RESEARCH

2023-2024 Elections

Health Sciences Division: Councilor Slate

Position Purpose: The CUR Council is a multidisciplinary body providing advisory input to the Board, so they have a broader perspective when making resource investment decisions. The Council serves in a communication capacity, surfacing key items arising from the Divisions, bridging the insight of the Division to the work of CUR as a whole, and serving as one means of information and resource dissemination from the central organization to the Divisions and members. The CUR Council is a newly developed body of volunteer leaders for this election cycle.

Needed Qualifications:

- Strong communication skills
- Previously served as a Division Councilor is a plus, but not required
- Membership with CUR
- Can not be serving concurrently as a Division Representative

There are 2 individuals running.

You may vote for both candidates presented to be elected as councilors for this division.

Candidate information is presented on the following pages. Click on each candidate name below to be taken to their Information In the document.

- [Kim Davey](#)
- [Zacharias Papadakis](#)

Kim Davey, Samford University

Health Sciences Division Nominee

NOMINEE STATEMENTS

Describe your leadership experience both within CUR and extramural.

Dr. Kim Davey's leadership experience within the Council on Undergraduate Research (CUR) and beyond is multifaceted. As a Health Science Section Councilor and member of the Finance Committee at CUR, Dr. Davey has played a crucial role in guiding undergraduate research initiatives. Furthermore, her role as the Founding Director of the Undergraduate Public Health Program at Samford University underscores her commitment to academic leadership and student development. She has facilitated numerous undergraduate research projects, fostering an environment where students can engage in meaningful, hands-on research, enhancing their academic and professional growth. This synergy of roles demonstrates Dr. Davey's dedication to both organizational leadership within CUR and educational leadership through her academic position.

How will your skills help the Council successfully uphold its charge?

My skills and experience are closely aligned with the charge of the multidisciplinary body. My work in public health education and research, particularly as an associate professor and director of the undergraduate public health program at Samford University, has honed my ability to provide valuable advisory input. This experience ensures I can offer a broader perspective on resource investment decisions, essential for the Board's considerations. I have a strong track record in fostering communication and bridging insights across various academic domains. This aligns with the Council's responsibility to surface key items from Divisions and bridge these to the broader work of CUR. My academic roles have required constant interaction and collaboration with different departments, fostering a comprehensive understanding of diverse academic and research areas. This experience is critical in effectively disseminating information and resources from the central organization to the Divisions and members. Moreover, my passion and involvement in undergraduate research, as evidenced by my leadership role in CUR and academic pursuits, position me to provide informed recommendations on Division creation, merging, and sunseting. My understanding of CUR's emphasis on undergraduate research as a pedagogical approach, along with my experience in mentoring and fostering student research, aligns with CUR's mission. This background equips me to recognize and advocate for evolving academic and research needs, ensuring that the Council's advice is relevant and forward-thinking, and supports CUR's overarching goals of promoting an innovation-oriented culture and career-readiness among students. In summary, my blend of academic leadership, commitment to interdisciplinary communication, and dedication to undergraduate research and mentoring provide a strong foundation to contribute effectively to the Council's mission. My skills and experience will aid in offering comprehensive advisory input, facilitating effective communication across divisions, and providing strategic recommendations for CUR's growth and development.

NOMINEE ABBREVIATED CV

An abbreviated CV highlighting the candidate's accomplishments with respect to undergraduate research is available on the next page.

Kim Davey, Ph.D., M.B.A., M.A.

LinkedIn: <https://www.linkedin.com/in/drkimdavey/>

EDUCATION

2009 - 2015

Doctor of Philosophy in Administration- Health Services

University of Alabama at Birmingham (UAB), School of Health Professions
Birmingham, Alabama

- Interdisciplinary degree, coursework completed in the Schools of Health Professions, Public Health, Nursing, and Business
- Dissertation Title: Drivers of Inter-organizational Network Participation
My dissertation examined market and organizational factors associated with hospital participation in Accountable Care Organizations (ACOs).

PROFESSIONAL EXPERIENCE

August 2020 - Present

Associate Professor with Tenure
Samford University College of Health Sciences
School of Public Health
Department of Public Health

2018 - Present

Founding Director of the Undergraduate Public Health Program
Samford University College of Health Sciences
School of Public Health
Department of Public Health

PROFESSIONAL SERVICE & DEVELOPMENT

2020 – 2023

Health Science Section Councilor, Council on Undergraduate Research (CUR)

2020 – 2023

Member, Finance Committee, Council on Undergraduate Research (CUR)

June 28 - July 1, 2020

Council on Undergraduate Research (CUR) Biennial Meeting
Virtual Meeting

UNDERGRADUATE RESEARCH PROJECTS

*denotes undergraduate student

UNIVERSITY

Swearengen, J.B.* & Forst, I. (2023, November). To recommend or not recommend? That is the question: A national, state, and county comparison of hospitals in Jefferson County, Alabama using HCAHPS Data. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation).

Pridemore, A.* & Todd, E.* (2023, November). *Physician Communication: Analyzing HCAHPS Data for Hospitals in Jefferson County, Alabama.* Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation).

Toole, K.* & Davey, K.S. (2023, April). *Comparative Case Study: An Analysis of How Different Health Systems Address Healthcare Workforce Burnout.* Samford Student Research Colloquia, Samford University, Birmingham, AL. (Poster Presentation)

Strickland, E.* & Davey, K.S. (2022, November). *Physician Communication: Analyzing HCAHPS Data for Hospitals in Pierce County, Washington.* Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)

Less, H.*, Treanor, M.* & Davey, K.S. (2022, November) *Assessing Medication Literacy Across the Southeast using HCAHPS Data.* Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)

Roal, S.*, Strange, A.*, Wheeler, K.*, Brown, B.* & Davey, K.S. (2022, November). *Evaluating Patient-Physician Communication in Hospitals in Jefferson County, Alabama using HCAHPS Data.* Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)

Barnes, M.*, Massengale, M.* & Davey, K.S. (2022, November). *Analyzing Physician-Patient Communication in the Southeast United States using HCAHPS Data.* Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)

Brennan, C.*, Pennington, H.*, Toole, K.* & Davey, K.S. (2022, November). *Evaluating Patient Discharge in Hospitals in Jefferson County, Alabama using HCAHPS Data.* Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)

- Juillerat, A.*, Tinsley, C.*, Thibodeaux, G.*, Ross, J.* & Davey, K.S. (2022, November). *Analyzing Patient-Nurse Communication in Hospitals in Jefferson County, Alabama using HCAHPS Data*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Colyar, G.*, Bond, Z.* & Davey, K.S. (2022, November). *Medication Literacy: Analysis of Hospital HCAHPS Data in Jefferson County, Alabama*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Buckner, E., Robbins, D., Amamoo, M.A. Mannis, M. & Davey, K.S. (2022, August). REDCap™ – A new data management system at Samford REDCap – Hands-On Orientation for Faculty. Samford University Mini-Conference on Teaching and Learning, Birmingham, AL. (Podium Presentation)
- Hogue, O.*, Hattie, B.* & Davey, K.S. (2021, November). *Medication Literacy in Jefferson County, AL: A Comparative Analysis of HCAHPS Survey Trends from 2019-2020 and Implications for Healthcare Policy*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Kilgore, J.*, Bice, L.*, Cameron, S.G.* & Davey, K.S. (2021, November). *Doctor vs. Nurse Communication in Acute Care: Analyzing Patient-Provider Interactions in Jefferson County, AL Hospitals Using HCAHPS Survey Data (2019)*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Chain, C.*, Rogers, C.*, Whitson, A.* & Davey, K.S. (2021, November). *Provider-Family Communication in Hospice Care: A Comparative Analysis of Jefferson County Organizations against National Averages (2018-2020) and Policy Implications*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Christie, A.*, Hixson, M.*, Houser, S.* & Davey, K.S. (2021, November). *Disparities in Mental Health Treatment: A Comparative Analysis of Alabama, the South, and the U.S. (2016-2018) - Implications for Policy and Service Provision*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Strong, I.*, Pollard, T.*, Mugun, N.*, Eckerle, C.*, Coleman, C.* & Davey, K.S. (2020, November). *Medication Literacy Gaps in the East South-Central States: A Comparative Analysis of Patient Understanding Using HCAHPS Data*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Lambert, L.*, Tyre, B.* & Davey, K.S. (2020, November). *Survey Says? Using HCAHPS To Analyze Patient-Physician Communication in Jefferson County, AL Hospitals*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Gagnon, M.*, Powell, A.* & Davey, K.S. (2020, November). *Evaluating Sepsis Care Compliance in Jefferson County, Alabama: A Cross-sectional Study on SEP-1 Bundle Adherence and Its Implications for Patient Outcomes*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Haydel, E.*, Falk, L.*, Mason, C.* & Davey, K.S. (2020, November). *Unraveling the Disparities: A Deep Dive into the Elevated Infant Mortality Rates in the U.S. South*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Waldron, A.*, Raymond, A.*, Greggs, E.* & Davey, K.S. (2020, November). *Evaluating the Efficacy: Home Health Care's Role in Preventing Hospital Admissions in the East South-Central States*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Haun, C., Davey, K.S., Kinnerson, L., McCay, D. and Ratcliffe, C. (2020, August). *Obstacles & Opportunities: Leveraging Interprofessional Collaboration & the QM Rubric to Design & Deliver Health Administration Programs Amid COVID-19*. Samford University Mini-Conference on Teaching and Learning, Birmingham, AL. (Virtual Podium Presentation)
- Davey, K.S. (2020, August). *Utilizing Video Case Simulations in an Undergraduate Healthcare Marketing Strategy Course*. Samford University Mini-Conference on Teaching and Learning, Birmingham, AL. (Virtual Poster Presentation)
- Taliaferro, E.*, Gooch, D.*, Vickers, L.*, Freeman, L.*, Lyons, O.*, Womac, R.* & Davey, K.S. (2019, November). *Assessing Cardiovascular Mortality in Jefferson County, Alabama: Implications for Preventive Care and Health Policy*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Freitas, M.*, Lastovic, L.*, Ozburn, T.*, Williams, K.*, Kadum, Z.* & Davey, K.S. (2019, November). *Comparative Analysis of Stroke Mortality Rates in Jefferson County Hospitals: Insights and Policy Implications*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)
- Bodin, S.*, Caufield, C.*, Herring, T.*, Dufour, J.K.*, Brenton, S.* & Davey, K.S. (2019, November). *Assessing the Impact of Nurse and Doctor Communication on Patient Recommendations: Insights from HCAHPS Surveys in Jefferson County Hospitals*. Public Health Student Expo. Samford University School of Public Health. Birmingham, AL. (Poster Presentation)

Zacharias Papadakis, Barry University

Health Sciences Division Nominee

NOMINEE STATEMENTS

Describe your leadership experience both within CUR and extramural.

As a professor at Barry University and the current Health Division Councilor for the Council on Undergraduate Research (CUR), I am self-nominating for the CUR Council position. I have a strong track record of leadership and engagement in both CUR and extramural activities, and I am confident that I can make a significant contribution to the Council. Within CUR, I have served as the Health Division Councilor for the past two years. In this role, I have been responsible for representing the interests of health science faculty and students on the CUR Council. I have also worked to promote undergraduate research at Barry University through a variety of initiatives, including organizing webinars and workshops, developing resources for faculty and students, and advocating for increased funding for undergraduate research. Most notably by engaging more than 10 students every semester to undergraduate research opportunities and leadership opportunities.

How will your skills help the Council successfully uphold its charge?

Advisory input to the Board: I have a strong track record of providing sound advice to decision-makers. As a professor, I have served on a variety of committees and task forces, where I have helped to develop and implement policies and programs that have benefited students, faculty, and the institution as a whole. I am also a skilled researcher, and I am able to synthesize complex information and present it in a clear and concise way. This ability will be valuable in providing the Board with well-informed advice on resource investment decisions. Recommendations on Division creation, merging, and sunseting: I have a deep understanding of the undergraduate research landscape and the needs of different disciplines. I am also able to think strategically and make sound recommendations. This experience will be valuable in helping the Council to make informed decisions about Division creation, merging, and sunseting.

NOMINEE ABBREVIATED CV

An abbreviated CV highlighting the candidate's accomplishments with respect to undergraduate research is available on the next page.

Zacharias Papadakis, Ph.D., ACSM-EP, FACSM

Associate Professor of Exercise, Physiology & Wellness, Barry University, Miami Shores, FL
<https://www.barry.edu/en/c-vitae/professors/zacharias-papadakis/>
zpapadakis@barry.edu

Education

- 2021–2022 **Graduate Certificate in Medical Statistics Program**, *Stanford University Online*, Stanford Online - Virtual.
- **Medical Statistics I: Introduction to Data Analysis and Descriptive Statistics; Medical Statistics II: Probability and Inference; Medical Statistics III: Common Statistical Tests in Medical Research**
- 2011–2018 **Ph.D.**, *Baylor University*, Waco, TX.
- **Dissertation Title: The Effects of Short Sleep on Metabolic and Vascular Responses to Exercise**
 - Committee: Dr. Peter W. Grandjean (chair), Dr. Paul Gordon, Dr. Rodney Bowden, Dr. Suzy Weems, and Dr. Funderberk
- 2004–2008 **M.S.**, *Sheffield Hallam University*, Sheffield, England.
- **Contrast Stretch Shortening Cycle Weight Training Programme. The Effects of 2 Sets vs. 4 Sets on Lower Body Power and Jumping Performance**
 - Committee: Dr. Mary Fysh (chair)
- 1994–1998 **B.S.**, *Aristotle University of Thessaloniki*, Thessaloniki, Greece.
- **Annual Basketball Strength and Conditioning Periodization**
 - Committee: Dr. Giorgos Tsitskaris (chair)

Presentations

Research Talks

- Apr 2022 **Acute Partial Sleep Deprivation and High-Intensity Exercise Effects on Cardiovascular Autonomic Regulation and Lipemia Network**, *Greater New York American College of Sports Medicine*, New York, NY.
- Z Papadakis† and S Garcia-Retortillo†
- Jun 2021 **Virtual Health and Wellness Fair**, *Barry University*, Miami Shores, FL.
- Z Papadakis†
- Apr 2020 **Faculty Research Showcase**, *Sigma Xi Annual Meeting and Student Research Conference*, Miami Shores, FL.
- Z Papadakis†
- May 2019 **Honors Thesis**, *SUNY Plattsburgh Honor Thesis Conference*, Plattsburgh, NY.
- Z Papadakis†, PW Grandjean†, and G Morgan†
- May 2011 **Teen Leadership Day**, *Baylor University*, Waco, TX.
- Zacharias Papadakis

Posters (sample of more than 100 abstracts and posters) more [here](#)

- Undergraduate students are denoted with the “*” symbol, graduate students with the “†” symbol, and professionals with the “‡” symbol.

- Jun 2023 **Capturing the True VO₂max-Secondary Criteria of Heart Rate and Respiratory Exchange Ratio**, *American College of Sports Medicine*, Denver, CO.
- Z Papadakis‡, N Koutlianos‡, and V Panoutsakopoulos
- Jun 2023 **Predicting Firefighter’s Physical Ability Test Scores from Anaerobic Fitness Parameters**, *American College of Sports Medicine*, Denver, CO.
- P Beitia†, Z Papadakis‡, A Stamatidis‡, and T Amasay†
- Jun 2023 **Prognostic Validity of Professional Soccer Status by Anthropometrics and Repeated Jump Testing**, *American College of Sports Medicine*, Denver, CO.
- S Vilmeau*, V Panoutsakopoulos‡, I Kollias‡, and Z Papadakis‡
- Jun 2023 **The Effectiveness of Utilizing Paraoxonase 1 and Heart Rate Variability to Predict**

Zacharias Papadakis, Ph.D., ACSM-EP, FACSM

Associate Professor of Exercise, Physiology & Wellness, Barry University, Miami Shores, FL

<https://www.barry.edu/en/c-vitae/professors/zacharias-papadakis/>

zpapadakis@barry.edu

Chronic Kidney Disease Stage, *American College of Sports Medicine*, Denver, CO.

◦ TS Tejaswi*, JK Taylor‡, PW Grandjean‡, and JS Forsse‡

Jun 2023 **Cervical Erector Spinae Intermuscular Coordination while Using Noise Cancellation Headphones during Walking**, *American College of Sports Medicine*, Denver, CO.

◦ Kia Golzari‡, Ali Boolani‡, Zacharias Papadakis‡, Sergi Garcia-Retortillo‡, Andreas Stamatis‡, Emily Locke‡, Ryan McCarthy‡, Kwadwo Osei Appiah-Kubi‡, Ahmed Kadry‡, Ahmed Torad‡, Mostafa Elwan‡, and Hugo Posada-Quintero‡

May 2023 **Using the Military Training Mental Toughness Inventory of Firefighters: Preliminary Evidence on Inter-Rater Reliability**, *American College of Sports Medicine*, Denver, CO.

◦ N Budell*, P Beitia‡, A Stamatis‡, and Z Papadakis‡

May 2023 **Strength Versus Deficit Educational-based Interventions on Mental Toughness: A Case Study of Female Student-athletes**, *American College of Sports Medicine*, Denver, CO.

◦ L Guzzetta*, G Morgan‡, Z Papadakis‡, and A Stamatis‡

Apr 2023 **Facemask Type Impacts Dyspnea During Maximal Exercise Testing, but Mental Toughness Does Not Mediate**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ D Ramus-Wright*, A Rincon-Cortes‡, SR Vilmeau*, A Stamatis‡, and Z Papadakis‡

Apr 2023 **Perceived Feelings and Dyspnea During Maximal Exercise Testing with Different Masks: A Randomized Crossover Study**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ R Pluviose*, A Rincon-Cortes‡, A Stamatis‡, and Z Papadakis‡

Apr 2023 **Identifying Anger through Gait and Balance Analysis using Machine Learning Models**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ SR Vilmeau*, A Boolani‡, A Stamatis‡, and Z Papadakis‡

Apr 2023 **Impact of Mood States on Executive Function Testing: Considerations for Sports Medicine Professionals**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ E Cormie*, A Boolani‡, Z Papadakis‡, and A Stamatis‡

Apr 2023 **Testing the Self-Verification Theory in Female Rowers Using Mental Toughness: Implications for Positive Sport Psychology**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ C Armstrong‡, MAD Harris*, A Stamatis‡, and Z Papadakis‡

Apr 2023 **Effect of Last Meal Timing on Sleep Efficiency in College Students during COVID-19**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ N Hayes*, Z Papadakis‡, A Boolani‡, and A Stamatis‡

Apr 2023 **Screen Time and Mental Work in College Students During COVID-19: Implications for Occupational Therapy**, *Greater New York American College of Sports Medicine*, New York, NY.

◦ G Herrera*, Z Papadakis‡, A Boolani‡, and A Stamatis