Useful Acronyms:

- ACS PRF – American Chemical Society Petroleum Research Fund
- AERA – American Educational Research Association
- AREA – Academic Research Enhancement Award
- ATRD – Advanced Training and Research Division
- BCS – Division of Behavioral and Cognitive Sciences
- BIO – Directorate for Biological Sciences
- BUILD – Building Infrastructure
- CAREER – Faculty Early Career Development
- CEC – Leading to Diversity Coordination and Evaluation Center
- CHE – Division of Chemistry
- DBI – Division of Biological Infrastructure
- DOE – Department of Energy
- EHR-DUE – Directorate for Education and Human Resources, Division of Undergraduate Education
- GRFP – Graduate Research Fellowship Program
- HHMI – Howard Hughes Medical Institute
- IAAO – International and Academic Affairs Office
- IES – Institute of Education Sciences
- IFLE – International and Foreign Language Education
- ISD – International Studies Division
- MPS/CHE – Directorate for Mathematical and Physical Sciences, Division of Chemistry
- MRI – Major Research Instrumentation Program
- NCES – National Center for Education Statistics
- NEA – National Endowment for the Arts
- NEH – National Endowment for the Humanities
- NIGMS – National Institute of General Medical Sciences
- NIH – National Institutes of Health
- NIST – National Institute of Standards and Technology
- NRMN – National Research Mentoring Network
- NSF – National Science Foundation
- OBSSR – Office of Behavioral and Social Science Research
- OPE – Office of Postsecondary Education
- PUI – Primarily Undergraduate Institution
- RCN – Research Coordination Networks
- REU – Research Experiences for Undergraduates
- RUI – Research in Undergraduate Institutions
- SBE – Directorate for Social, Behavioral and Economic Sciences
- S-STEM – Scholarships for Science, Technology, Engineering and Mathematics
- UBE – Undergraduate Biology Education
- WDTS – Workforce Development for Teachers and Students

Registration and Information

Registration begins at 2:00pm on Thursday in the meeting space pre-function area on the 2nd floor of the Renaissance Arlington Capital View Hotel.

After registering, we invite you to join other registrants for an informal gathering in the ballroom pre-function area.

The registration and information table hours are as follows:

- Thursday 2:00 – 5:00pm
- Friday 7:00am – 5:00pm
- Saturday 7:00am – 12:00pm
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CUR BOOK SALE

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Book Sale Hours

Thursday: Orders will be collected at registration for pick-up on Saturday

Friday: 11:00am - 5:30pm

Saturday: 8am - 12 noon
## CUR Dialogues 2015

**Climbing the Ladder to Funding Success: Diverse Sources, Diverse Pathways**

**Thursday, February 19, 2015**

**Connecting Faculty and Administrators at All Career Stages**  
To Funding Resources and Processes -- and to Each Other

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<th>Time</th>
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<tr>
<td>2:00-5:00PM</td>
<td>Registration</td>
<td>2nd Floor Registration Desk</td>
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<tr>
<td>4:00-5:00PM</td>
<td>Welcome and Introduction to Opening Plenary</td>
<td>Salons 1-4</td>
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<td><strong>Elizabeth Ambos</strong></td>
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<td><strong>Lee Zia</strong></td>
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<td>Deputy Division Director, Division of Undergraduate Education</td>
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<td>Opening Plenary: “Braiding the Strands of Diverse Disciplinary Education Research (DBER): Toward a More Perfect Union of Research and Teaching”</td>
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<td>5:30 - 7:30PM</td>
<td>Reception</td>
<td>Ballroom Pre-Function area</td>
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**Friday, February 20, 2015**

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<th>Time</th>
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<tr>
<td>7:00-8:30AM</td>
<td>Registration &amp; Continental Breakfast</td>
<td>2nd floor Registration Desk &amp; Ballroom Pre-Function Area</td>
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<tr>
<td>8:30-9:30AM</td>
<td>Introduction &amp; Plenary Session</td>
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<td><strong>Margaret Cahalan</strong></td>
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<td></td>
<td>Director, Pell Institute for the Study of Opportunity in Higher Education (Pell Institute)</td>
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<td><strong>Mika Yamashita</strong></td>
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<td>Senior Researcher, Pell Institute</td>
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<td><strong>Khadish Franklin</strong></td>
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<td>Associate Director and Senior Researcher, Pell Institute</td>
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<tr>
<td>9:30-9:45AM</td>
<td>Break</td>
<td>Ballroom Pre-Function area</td>
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9:45-10:45AM  Dialogues Session I

- (I-1) Undergraduate Research Support in the Social, Behavioral, and Economic Sciences (SBE). Fahmida N. Chowdhury, Program Director, NSF SBE.

  Research Experiences for Undergraduates (REU) program is the major mechanism for undergraduate research support at NSF. The SBE Directorate fully participates in this activity, both through the “REU Sites” and the “Supplements” programs. This presentation will provide important details on the application and review process.

  **Location:** Studio A

- (I-2) Overview of NSF’s S-STEM program. John Krupczak, Program Director, NSF EHR/DUE.

  The NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program provides scholarships for academically talented STEM students who demonstrate need, enabling them to enter the STEM workforce or STEM graduate school following completion of an associate, baccalaureate, or graduate-level degree in a STEM discipline. These grants are made to institutions, which in turn make awards to students. A discussion of the grant solicitation and how to write a competitive proposal will be presented.

  **Location:** Studio C

- (I-3) National Institutes of Health (NIH), Academic Research Enhancement Award (AREA) Program. Michelle Timmerman, Director, NIH AREA Program, Office of Extramural Programs, Office of Extramural Research, NIH.

  The NIH Academic Research Enhancement Award (AREA) Program supports small-scale research projects in the biomedical and behavioral sciences at educational institutions that are not major recipients of NIH support. This workshop will discuss the goals of the program, unique aspects of AREA grant applications, funding statistics for the program, and the strategies you can use to successfully compete for AREA funding.

  **Location:** Studio D


  The Office of Research & Analysis at the NEA aims to promote public knowledge and understanding about the contributions of the arts through funding research that investigates the value of the U.S. art ecosystem and the impact of the arts on other domains of American life. A brief overview of the office, funding opportunity, proposal preparation, and the review process will be addressed.

  **Location:** Studio E

- (I-5) Division of Human Resource Development, NSF. Claudia Rankins, Program Director, Division of Human Resource Development, NSF.

  The Division of Human Resource Development at NSF funds education and research activities in science, technology, engineering and mathematics (STEM) fields to ensure access to and full participation in STEM education and research for individuals from historically underserved populations-minorities, women and persons with disabilities. A brief overview of the division, funding opportunities, proposal preparation, and the review process will be addressed.

  **Location:** Studio F
(I-6) Overview of NSF Opportunities to Serve as a Program Officer on Temporary Assignment. Nancy Roddy, Advisor for Special Programs, Pam Hammett, Executive and Visiting Personnel Branch Chief, and Gisele Muller-Parker, Program Director, NSF.

NSF provides the major funding for science, technology, engineering, and mathematics research and education programs in the United States. NSF Program Directors have the primary responsibility for carrying out the Agency’s overall mission. Many program officer positions are temporary (one to two year) appointments/assignments of college and university faculty and administrators, conducted through formal and informal searches. Information will be provided on rotational programs process, and a Q&A session will be held after the formal presentation. For additional information on NSF’s rotational programs, please see “Programs for Scientists, Engineers and Educators” on the NSF website at http://www.nsf.gov/about/career_opps/rotators.

Location: Potomac 1 (Residence Inn)

(I-7) National Institute of Standards and Technology (NIST), Academic Research Opportunities and Activities. Susan Heller-Zeisler, Senior Academic Program Manager, International and Academic Affairs office (IAAO), NIST.

The National Institute of Standards and Technology (NIST) is the nation’s oldest physical science laboratory. Established in 1901 as the National Bureau of Standards, NIST promotes innovation and industrial competitiveness by advancing measurement science, standards, and technology. In carrying out its mission, NIST collaborates with both industry and academia in multiple ways. Session will discuss how NIST collaborates, funding opportunities, and strategies for engaging NIST.

Location: Potomac 2 (Residence Inn)

(I-8) National Endowment for the Humanities (NEH): Opportunities in digital humanities. Jennifer Serventi, Senior Program Officer, Office of Digital Humanities, NEH.

The programs of NEH Office of Digital Humanities offer start-up and implementation grants to encourage innovation in the digital humanities. In addition to these project-based activities, the Office funds professional development opportunities and international collaborations in the digital humanities. In this session, the NEH representatives will review how these grant opportunities might support programs that involve undergraduate students in scholarly research and public engagement projects. Building on the conversations from last year’s CUR Dialogues, they also would welcome an opportunity to learn from the audience members how the programs of the Office of Digital Humanities might better respond to the needs of the field.

Location: Terrace Room (Residence Inn)
(II-1) Expanding the Role of Primarily Undergraduate Institution Participation in NSF-supported Team Science. Randy Phelps, Staff Associate, Office of Integrative Activities, NSF.

Many researchers at primarily undergraduate institutions (PUI’s) participate in individual investigator-driven research supported by NSF. This presentation will highlight approaches to expand research at PUI’s to include larger “team science” opportunities.

Location: Salon 5


The American Education Research Association (AERA) Grants Program provides small grants and training for researchers who conduct studies of education policy and practice using quantitative methods to analyze the large-scale data sets sponsored by National Center for Education Statistics (NCES) and NSF. This presentation will provide an overview of the program and discuss the grant application process and examples of funded projects.

Location: Salon 6

(II-3) National Science Foundation Biological Sciences Directorate (BIO) Funding Opportunities. Sally O’Connor, Deputy Division Director (Acting) and Program Director, Division of Biological Infrastructure (BIO/DBI), NSF.

This presentation will highlight funding opportunities in BIO at the NSF, with an emphasis on predominantly undergraduate institutions.

Location: Salon 7

(II-4) National Endowment for the Humanities (NEH) Division of Education Programs. Wilsonia E.D. Cherry, Deputy Director, NEH Division of Education Programs, NEH.

The varied programs of NEH Division of Education support the professional development of teachers in national programs and through grants at the local institutional level, as well as supporting the development of curriculum and teaching material. The NEH representative will focus on how these programs might support activities that engage undergraduate students in research.

Location: Studio A

(II-5) The NSF Graduate Research Fellowship Program (GRFP). Gisele Muller-Parker and Julie Palais, Program Directors, Division of Graduate Education, NSF.

The NSF Graduate Research Fellowship Program (GRFP) provides three years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research. Fellowships are awarded through a national competition to senior undergraduates and graduate students, providing 3 years of funding over a 5-year period, useable at any accredited institution in the U.S. This information session for university administrators and faculty advisors will help them to advise students to apply for the GRFP. Program information is available at: www.nsfgrfp.org.

Location: Studio C
(II-6) Undergraduate Research Support from the ACS Petroleum Research Fund. Dean A. Dunn, Assistant Director, Office of Research Grants, American Chemical Society.

The ACS Petroleum Research Fund (ACS-PRF) is an endowed fund administered by the Office of Research Grants of the American Chemical Society. ACS PRF was created to support “advanced scientific education and fundamental research in the petroleum field.” Since 1954, Principal Investigators at academic institutions doing petroleum-relevant research in chemistry, geosciences, chemical and petroleum engineering, and materials science, have been supported by ACS PRF funding. Research support for faculty in departments which do not offer the Ph.D. degree includes Undergraduate New Investigator (UNI) and Undergraduate Research (UR) grants. Faculty in the first three years of their first appointment as an Assistant Professor are eligible for UNI research grants. Established faculty in non-doctoral departments may apply for UR research grants. Information on research grant programs, including application materials and submission deadlines, is found on the ACS PRF Website, www.acsprf.org.

Location: Studio D

(II-7) Bridges to the Baccalaureate and Doctorate Programs, NIH/NIGMS. Michelle Hamlet, Program Director, Division of Training, Workforce Development and Diversity.

The Bridges to the Baccalaureate Program provides support to institutions to help students make the transition from 2-year junior or community colleges to full 4-year baccalaureate programs, focusing on students from underrepresented backgrounds. The Bridges to the Doctorate Program promotes institutional partnerships between institutions granting a terminal master’s degree and institutions that grant Ph.D. degrees in biomedical and behavioral sciences, with the goal to assist students in making the transition from master’s degree programs to PhD programs.

Location: Studio E

(II-8) ATRD and ISD Programs at U.S. Department of Education. Timothy Duvall and Tanyelle Richardson, Department of Education, OPE/IFLE.

The Advanced Training and Research Division (ATRD) and International Studies Division (ISD) of the International and Foreign Language Education office encompass a variety of programs. We will highlight the National Resource Centers, Foreign Language and Area Studies Fellowship Programs, the Centers for International Business and Education, Seminars Abroad, Doctoral Dissertation Research Abroad, Group Projects Abroad, and Undergraduate International Studies and Foreign Language programs.

Location: Studio F

12:00-1:30PM Lunch and Networking

Location: Ballroom Pre-Function Area
1:30-2:30 PM  Dialogues Session III

- (III-1) NSF Funding Mechanisms for Support of Chemical Research at Predominantly Undergraduate Institutions - NSF Chemistry Programs. Michelle Bushey, Program Director, MPS/CHE, NSF and Suk-Wah Tam-Chang, Program Director, MPS/CHE, NSF.

There are a number of programs within the National Science Foundation Division of Chemistry (NSF-CHE) for which faculty at Predominantly Undergraduate Institutions (PUIs) can apply to support their chemistry research activities. CAREER, RUI, ROA, REU, and MRI are only a few examples. This presentation will provide an overview of these programs and advice on navigating the NSF application system. While focusing on chemistry, some of the information will apply to other NSF-funded disciplines. A few proposal do's and don'ts will also be discussed that can help prospective applicants write more competitive and compelling proposals.

Location: Salon 5

- (III-2) Enhancing the Diversity of the NIH-Funded Workforce Program. Dr. Pamela Thornton, Program Official, NIH Common Fund Diversity Program.

The Enhancing the Diversity of the NIH-Funded Workforce program will establish a national Diversity Program Consortium comprised of three integrated initiatives: The National Research Mentoring Network (NRMN), Building Infrastructure Leading to Diversity (BUILD), and the Coordination and Evaluation Center (CEC). The long-term objective of the program is to enhance the diversity of biomedical research scientists who contribute to the NIH-funded workforce. To achieve this goal, the Consortium, in partnership with NIH, will develop, implement, and evaluate novel and transformative approaches for biomedical research training and mentoring. Training models developed through the Consortium will engage individuals in biomedical research career paths, enhance their persistence at all career stages, and prepare them to thrive in the NIH-funded research workforce. Successful approaches are ultimately expected to supplant less effective practices nationwide, leading to a broad and sustained impact on the diversity of the NIH-funded workforce. More information about the program and the Funding Opportunity Announcements can be found here: http://commonfund.nih.gov/diversity/index

Location: Potomac 1 (Residence Inn)

- (III-3) Multi-Disciplinary Research Programs at NSF: How to Navigate this Unique Funding Situation. Clark Cooper, Senior Advisor for Science and Head, Office of Multidisciplinary Activities, Directorate for Mathematical and Physical Sciences, NSF.

Much cutting-edge science is confined nicely along disciplinary boundaries, but many important new advances and discoveries require collaboration among scientists that represent complementary domains. The NSF-wide INSPIRE program is an example of a funding opportunity that requires such collaboration among scientists in a true integrated fashion. Other funding opportunities lie within NSF Directorates and Offices, including the Office of Multidisciplinary Activities in the Mathematical and Physical Sciences Directorate. The focus of this presentation will be the description of these opportunities for the academic community of scientists.

Location: Potomac 2 (Residence Inn)

- (III-4) National Science Foundation, Major Research Instrumentation (MRI) Program. Randy L. Phelps, Staff Associate, Office of Integrative Activities, NSF.

The NSF MRI Program supports the acquisition or development of research instrumentation that is in general, too costly or inappropriate for support through other NSF programs. The presenter will provide an overview of the program, recent statistics on award sizes and funding rates, and a brief synopsis of successful strategies.

Location: Salon 6
(III-5) Developing a New Generation of Globally-Engaged Scientists and Engineers: A perspective from the NSF-OISE. John Tsapogas, Program Coordinator, Office of International and Integrative Activities, Global Initiatives, NSF.

A critical priority for the National Science Foundation (NSF) is preparing a globally engaged workforce of future scientists and engineers in the United States. According to NSF's strategic plan for 2011-2016, “As science and engineering expertise and infrastructure advance across the globe, it is expected that the United States will increasingly benefit from international collaborations and a globally engaged workforce leading to transformational S&E breakthroughs.”

Recognizing the importance of providing international research opportunities for students at an early stage of their academic training, NSF offers a wide range of programs for undergraduates and their faculty mentors across all STEM fields. This session will highlight these opportunities.

Location: Salon 7

(III-6) National Endowment for the Humanities (NEH). Jane Aikin, Director, Division of Research Programs, NEH.

This presentation provides information about National Endowment for the Humanities grant programs open to individual applicants. The discussion will center on fellowships and summer stipends programs.

Location: Studio A

(III-7) Howard Hughes Medical Institute (HHMI). David Asai, Program Director and Patricia Soochan, Program Officer, HHMI.

HHMI is a nonprofit medical research organization that invests in science education today to ensure that there will be a robust science enterprise tomorrow. The objective of the undergraduate program is to prepare undergraduates to become leaders in science and medicine, science education, and as science-literate and -curious leaders of society. In 2013 undergraduate science education grants support almost 100 colleges and universities, and 13 HHMI Professors. Together, these grants represent a total annual investment of about $34 million and a total of over $870 since the program’s inception in 1988.

Grants to colleges and universities are awarded via separate competitions every 4 years. In 2012 HHMI awarded over $50 million to 47 colleges and universities, including a joint program at the five Claremont Colleges. 2012 grant strategies fall under six primary themes, i.e. supporting the persistence of all students in science, including underrepresented minorities, apprentice- and course-based undergraduate research experiences (CREs), competency-based curricula, teacher preparation, and science literacy. Among the 2012 grantees, 11 longtime HHMI grantees have been recognized for their contributions to undergraduate science education and their potential for leadership among other undergraduate grantees.

Location: Studio C

(III-8) MOCK REU Panel. Corby Hovis and Nicole Bennett, Program Officers, Division of Undergraduate Education, NSF.

Location: Studio D
2:45-3:45 PM  Dialogues Session IV

- (IV-1) Engaging your Dean: A Comprehensive, School-Based Approach to Support Grant Writing. Jeffrey Osborn, Dean, School of Science, The College of New Jersey.

The School of Science at The College of New Jersey (TCNJ) has developed a comprehensive approach to support grant writing. As a strategic priority, this holistic approach focuses on student, faculty, and institutional success. In particular, the School has been working and investing in efforts (1) to increase awareness of the importance of grant writing, with the goal of creating opportunities and increasing intellectual vitality, and (2) to increase proposal submissions and funding for strategic priorities and mission-central initiatives. These efforts have been highly successful at increasing interest in grant writing and at increasing submission rates and funding rates among the School’s faculty and programs. The session will include a summary of TCNJ–Science’s approach, as well as an interactive component for participants to share their experiences and best practices from their own campuses.

Location: Salon 5

- (IV-2) Programs in the Office of Science, Workforce Development, Department of Energy (DOE). Jim Glownia, Senior Scientific and Technical Advisor, Brian O’Donnell and Cindy White, Program Managers, Office of Workforce Development for Teachers and Scientists, DOE.

The Office of Science/Office of Workforce Development for Students and Teachers (WDTS) sponsors several programs enabling undergraduate students at community colleges and four-year institutions, and visiting faculty, to participate in DOE mission science and technology research projects to that address some of the most challenging problems facing our nation. In these programs, selected students or faculty are placed in paid appointments at one of 16 participating DOE National Laboratories. In this presentation, we provide an overview of these opportunities, including the application, review, selection, and placement processes as well as a summary of participant expectations and outcomes. We will also briefly discuss the DOE/Office of Science, its laboratories, and the WDTS mission to support development of the scientific and technical workforce pipeline.

Location: Salon 6

- (IV-3) Ronald E. McNair Post-baccalaureate Achievement Program. Katie Blanding, Director, Graduate & Special Focus Programs, U.S. Department of Education, OPE.

Through the Ronald E. McNair program (known informally as McNair Scholars), funds are awarded competitively to academic institutions to prepare students for doctoral study through engagement in research and other scholarly activities. We will discuss the types of projects funded through McNair, and expected upcoming solicitations.

Location: Salon 7

- (IV-4) NSF Research in Undergraduate Institutions (RUI). Thomas Wenzel, Professor of Chemistry, Bates College. (note: this session will be repeated from 8:30 to 9:30 a.m. on Saturday, February 21st)

All NSF directors, participate in the Research in Undergraduate Institutions (RUI) activity, which supports research by faculty members of predominantly undergraduate institutions through the funding of individual and collaborative research projects and the purchase of shared-use research instrumentation. A recipient for several RUI awards will describe what makes an excellent proposal, how to get the most out of an award, and how to establish a track record for future successful applicants. This session will have particular applicability to PUIs.

Location: Studio A
(IV-5) Education Research Programs. Meredith Larson, Program Officer, Institute of Education Sciences.

The IES mission is to support research that contributes to school readiness and improved academic achievements of all students. Both research and research training grant program solicitations are held yearly. Information about IES programs will be provided.

**Location: Studio C**

(IV-6) Grant Programs at the National Institutes of Health Office of Behavioral and Social Science Research. Dana Sampson, Senior Policy Advisor, NIH OBSSR.

This presentation is an overview of the programs within the National Institutes of Health OBSSR. The OBSSR mission is to stimulate behavioral and social sciences research throughout NIH and to integrate these areas of research more fully into others of the NIH health research enterprise, thereby improving our understanding, treatment, and prevention of disease.

**Location: Studio D**

(IV-7) National Science Foundation Implementation of the OMB “Super Circular”: What Every Faculty Principal Investigator and Research and Sponsored Program Officer Should Know. Jean Feldman (or designee), Head, Policy Office, Division of Institution and Award Support, NSF.

NSF has recently implemented OMB’s Uniform Guidance Requirements, Cost Principles, and Audit Requirements for Federal Awards. This session will include details on the Foundation’s implementation of the largest overhaul to Federal-wide grants policy in over thirty years.

**Location: Studio E**

(IV-8) MOCK REU panel with Corby Hovis and Nicole Bennett, Program Officers, Division of Undergraduate Education, NSF.

**Location: Studio F**

3:45-4:00PM Break

**Location: Ballroom Pre-Function Area**

4:00-5:00PM Introduction & Plenary Session:

**Location: Salons 1-4**

Introduction:

**Elizabeth L. Ambos**
Executive Officer
Council on Undergraduate Research

**Scott Jaschik**
Editor-in-Chief
Inside Higher Education

Plenary: “Diverse Viewpoints/Diverse Directions: Higher Education in the Cross-Hairs and Experiencing Cross-Winds?”

5:30-8:00PM Networking Reception

**Location: Ballroom Pre-Function Area**
Saturday, February 21, 2015

7:00-8:15AM  Continental Breakfast:
   **Location: Ballroom Pre-Function Area**

8:30-9:30AM  Dialogues Session V

- (V-1) IUSE Dialogue with David Brown and Myles Boylan, Program Officers, NSF.
  
  An update about NSF IUSE status and anticipated solicitations in 2015 will be provided.
  **Location: Studio B**

- (V-2) Continuing the Dialogue: Faculty Networks Supported by the Research Coordination Networks (RCN) in Undergraduate Biology Education (RCN-UBE). Charles Sullivan, Program Director, BIO/DBI, NSF.
  
  NSF has developed the RCN-UBE program in recognition of the importance of networking activities to advance biology education. RCN-UBE proposals could focus on improving learning in “gateway” courses (e.g., exploring the use of methods that foster active learning or inquiry-based learning), improving learning through the use of emerging technologies in the biology curriculum, strategies and approaches for engaging biology faculty in professional development activities related to undergraduate education, incorporating emerging sub-disciplines into the biology curriculum, improving assessment of student learning, improving the transition of students from two-year to four-year institutions, or incorporating authentic research experiences in undergraduate laboratory courses, with an emphasis on introductory and lower division courses. RCN-UBE proposals can be up to five years in duration and budgets can be for up to $500,000. To assist initial networking efforts of scientists and educators who are developing innovative proposals for the RCN-UBE track, the RCN-UBE track will accept Incubator proposals for up to $50,000 for one year.
  **Location: Studio D**

- (V-3) Research Programs in Anthropology. Jeffrey Mantz, Program Director, SBE/BCS, NSF.
  
  This presentation will highlight funding opportunities managed through the Cultural Anthropology Program of the SBE/BCS at NSF. These include basic research, a faculty scholars program for cultural anthropologists who wish to learn new skills, as well as early career faculty research opportunities.
  **Location: Studio F**

- (V-4) Optimizing the Working Relationships between Faculty Researchers and Sponsored Programs Staff. Linda Freed, Director of Sponsored Programs, Texas Christian University and Franci Farnsworth, Associate Director of Grants and Sponsored Programs, Middlebury College.
  
  This session will identify the key services and roles of a sponsored programs office (SPO) relative to faculty research with undergraduates. Basically, those services should 1) assist faculty and others in developing and submitting successful proposals to fund research and other programs; and, 2) help applicants navigate the complex world of policy and regulation that governs extramural funding. We will describe typical SPO services and discuss strategies to best use those services to advance research programs, increase external funding opportunities, and ensure responsible stewardship of extramural funds. We will also identify some of the challenges of providing SPO services in small to mid-size institutions, with a goal of generating discussion that could lead to “take home” solutions.
  **Location: Potomac 1&2 (Residence Inn)**
(V-5) NSF Research in Undergraduate Institutions (RUI). Thomas Wenzel, Professor of Chemistry, Bates College. (note: this is a repeat of the session held from 2:45-3:45 p.m. on Friday, February 20th)

All NSF directors participate in the Research in Undergraduate Institutions (RUI) activity, which supports research by faculty members of predominantly undergraduate institutions through the funding of individual and collaborative research projects and the purchase of shared-use research instrumentation. A recipient for several RUI awards will describe what makes an excellent proposal, how to get the most out of an award, and how to establish a track record for future successful applicants.

Location: Studio C

9:45-10:45AM Dialogues Session VI

(VI-1) IUSE Dialogue with David Brown and Myles Boylan, Program Officers, NSF.

An update about NSF IUSE status and anticipated solicitations in 2015 will be provided.

Location: Studio B (note: this is a repeat of the session held from 8:30-9:30 a.m. on Saturday, February 21st)

(VI-2) The Institutional Development Award (IDeA) Program: Building and Enhancing Research Capacity in Underserved States. Krishan K. Arora, Program Director, Capacity Building Branch, NIGMS, NIH.

The IDeA Program broadens the geographic distribution of NIH funding for competitive biomedical research by developing and expanding research capabilities and research infrastructure in states that have not traditionally received significant levels of NIH research dollars. There are 23 states and Puerto Rico that are IDeA-eligible. IDeA Networks of Biomedical Research Excellence (INBRE) is one of the three major initiatives supported under the IDeA program. The INBRE implements the IDeA objectives by developing a statewide biomedical research network of doctoral degree-granting research universities and institutes, primarily undergraduate institutions (PUIs), community colleges and tribal colleges with a multidisciplinary, thematic research focus. The INBRE enhances biomedical research capacity, and strengthens the research base by supporting faculty, fellows, and students participating at the network institutions. A major objective of INBRE is to provide a) undergraduate faculty and students research support and b) provide research experiences to students that will serve as a “pipeline” for undergraduate students to continue in biomedical and health research careers. Each INBRE has a required Bioinformatics Core that provides education, mentoring and tools for researchers and students across the network. This presentation will highlight an overview of the INBRE program and accomplishments made at some of these networks. Various ways how you can participate in these network opportunities will also be described.

Location: Studio D

(VI-3) The Role Government Relations Plays in Undergraduate Research Funding. Kuna Tavalin, Senior Legislative Associate, Washington Partners, LLC.

Sequestration; fiscal cliff; higher education; grant funding: what do all of these concepts have in common? Governmental relations! Come to this session to learn about some of the pressing issues in the federal funding landscape facing the undergraduate research community, what CUR is doing to advocate for continued and expanded support for undergraduate research, and how to work with your institutional governmental affairs office to advocate for support for undergraduate research at the federal and state level.

Location: Studio F
(VI-4) National Science Foundation Environmental Chemistry Programs. Tyrone Mitchell, Program Officer, MPS/CHE, NSF.

We will discuss the Environmental Chemical Sciences (ECS), EPA/NSF Networks for Characterizing Chemical Life Cycle (NCCLCS) and the Chemistry REU programs.

Location: Potomac 1&2 (Residence Inn)

(VI-5) National Science Foundation Major Research Instrumentation (MRI) Program. Thomas Wenzel, Professor of Chemistry, Bates College.

All NSF research directorates participate in the MRI program. The MRI program enables the acquisition or development of research instrumentation that is in general too costly or inappropriate for support through other NSF programs. A recipient of MRI awards and past reviewer for the program will describe what makes an excellent proposal.

Location: Studio C

10:45-11:00AM   Break

Location: Ballroom Pre-Function Area

11:00AM-12:00PM  Closing Keynote:

Location: Salons 1-4

Introduction

Tom Wenzel, President Emeritus, Council on Undergraduate Research
Professor of Chemistry, Bates College

Shiva Singh, Chief
Undergraduate & Predoctoral Training
National Institute of General Medical Sciences, NIH

Closing Plenary: “U.S. STEM Workforce: Opportunities and Challenges”

12:00-12:15PM   Closing Comments and Adjournment

Location: Salons 1-4

Elizabeth Ambos
Executive Officer
Council on Undergraduate Research
In Order of Presentation

Lee Zia: Lee Zia is the Deputy Division Director for DUE. He served as the Lead Program Director for the NSF National Science, Mathematics, Engineering, and Technology Education Digital Library (NSDL) Program from its inception in FY 2000 to its sunsetting in FY 2010. He served as a “rotator” in the NSF Division of Undergraduate Education during calendar years 1995 and 1996 while on leave from the Department of Mathematics at the University of New Hampshire. Zia rejoined the NSF as a permanent staff member in the fall of 1999. From November 2008 to December 2009, he served as a Commerce Science and Technology Fellow in the Office of Senator John D. Rockefeller IV. Most recently he served as the Lead Program Director for the STEM Talent Expansion Program (STEP). Zia holds degrees in mathematics from the University of North Carolina (B.S.) and the University of Michigan (M.S.), and applied mathematics from Brown University (Ph.D.).

Margaret Cahalan: Maggie Cahalan is the Director of the Pell Institute for the Study of Opportunity in Higher Education (Pell Institute) and the Vice President for Research at the Council for Opportunity in Education (COE). She currently serves as a Co-PI for an i-3 grant awarded to COE in 2010 entitled, Using Data to Inform College Access Programming. This project, being implemented in low-income high priority schools in Pennsylvania and Kentucky, is to study possible innovations to the Talent Search model designed to use a whole school and community partnership approach to increase college going and retention for low-income students. Dr. Cahalan joined COE in 2011, after serving as the division leader for the Secondary Postsecondary Cross-Cutting (SPCC) Team within the Policy and Program Studies Services (PPSS) at the Department of Education (ED). Prior to working at ED, Maggie worked as a statistical research contractor for over 20 years at Westat, Mathematica, and RTI. In this capacity she served as the project director for large statistical sample surveys including the National Study of Postsecondary Faculty (NSOFAS) and the NSF National Study of Recent College Graduates (NSRCG). She also directed several TRIO national evaluations including the National Evaluation of Student Support Services and the National Evaluation of Talent Search, as well as several TRIO Performance Reporting Technical Assistance and Analyses contracts. These contracts were responsible for the re-design of the annual performance reports (APRs) of the Upward Bound, Student Support Services, and McNair programs to include individual student records and the building of longitudinal data bases to track program outcomes. Maggie cares passionately about helping to find ways to reduce educational inequity and working toward an inclusive asset based talent development approach to education at all levels. She is also very much interested in place based education and action research working to mitigate and adapt to climate change and helping to promote the transition to a more just, co-operative and environmentally friendly world economy. Maggie received a Ph.D. in Sociology from the University of Illinois in Urbana-Champaign.

Mika Yamashita: Mika Yoder Yamashita is the Senior Researcher in the Pell Institute. She currently serves as Co-PI on the COE i-3 project implemented in six high schools; and manages internal evaluation efforts and leads the student tracking and analysis efforts. Her most recent project at the Pell is a study of support services for military and veteran students at for-profit colleges. She leads the Pell Institute’s effort to promote a dialogue between researchers and practitioners by facilitating TRIO and College Access and Success Program Research and Evaluation Topical Interest Group. She has over ten years of program evaluation experience, and her evaluation work has focused on programs to support college access and success of low-income students. Prior to working for the Pell Institute, Mika worked for FHI 360 where she managed local evaluation projects of GEAR UP program and Title III strengthening institutions program. Other experience includes performance monitoring of capacity development projects at the World Bank Institute and facilitating internal evaluation practice for science professional development programs implemented by NASA Education. She received Ph.D. from the University of Pittsburgh.
**Khadish Franklin**: Khadish O. Franklin is the Associate Director and Senior Researcher at the Pell Institute for the Study of Opportunity in Higher Education. He brings to the Council for Opportunity in Higher Education a deep knowledge of the impacts of higher education policy and institutional factors leading to postsecondary success for first generation, low-income, and minority students. He currently serves as a Co-PI for an i-3 grant entitled, Using Data to Inform College Access Programming being implemented in low-income high priority schools in Pennsylvania and Kentucky; and manages the development of a longitudinal data solution that integrates data to help educators make informed decisions regarding student achievement and college access and success. He is completing a Ph.D. in higher education policy at the University of Maryland, College Park where his research focuses on practices for supporting students’ academic achievement, college persistence, and completion. Prior to joining the Council, Franklin served as the Senior Education Policy Researcher at the Georgia Student Finance Commission in Atlanta, where he coordinated the development of a state longitudinal education database, policy initiatives and analysis, and efforts to improve the state’s lottery funded HOPE scholarship program. He has held a number of roles in policy organizations and university administration including the Institute for Higher Education Policy, the University of Maryland, the National Association of Student Personnel Administrators, and the Florida State University. Franklin earned a Master of Science degree in higher education from the Florida State University and a B.A. in communication from the University of Arkansas, Fayetteville.

**Scott Jaschik**: Scott Jaschik is one of the three founders of Inside Higher Ed. With Doug Lederman, he leads the editorial operations of Inside Higher Ed, overseeing news content, opinion pieces, career advice, blogs and other features. Scott is a leading voice on higher education issues, quoted regularly in publications nationwide, and publishing articles on colleges in publications such as The New York Times, The Boston Globe, The Washington Post, Salon, and elsewhere. He has been a judge or screener for the National Magazine Awards, the Online Journalism Awards, the Folio Editorial Excellence Awards, and the Education Writers Association Awards. Scott served as a mentor in the community college fellowship program of the Hechinger Institute on Education and the Media, of Teachers College, Columbia University. He is a member of the board of the Education Writers Association. From 1999-2003, Scott was editor of The Chronicle of Higher Education. Scott grew up in Rochester, N.Y., and graduated from Cornell University in 1985.

**Shiva Singh**: Shiva Singh is chief of the Undergraduate and Predoctoral Training Branch in the Division of Training, Workforce Development, and Diversity. This branch supports predoctoral T32 training programs, predoctoral F30 and F31 fellowships, as well as a broad array of undergraduate student development programs. Singh served as a program director in the Division of Genetics and Developmental Biology, where he managed grants in host-microbe symbiotic relationships, microbial community ecology and adaptive responses to stress. He also served as program director for the Systems Biology Center of Excellence and administered the modeling the scientific workforce and modeling of complex biological systems grants in the Division of Biomedical Technology, Bioinformatics, and Computational Biology. Prior to joining NIGMS, Singh was chair of the department of biological sciences and director of biomedical research and training programs at Alabama State University. There, he collaborated with investigators from the University of Alabama at Birmingham, the University of Oklahoma and the University of California, Berkeley. Singh earned a B.Sc. and M.Sc. in plant sciences from Pant University of Agriculture and Technology and a Ph.D. in microbiology from Auburn University. He conducted postdoctoral research at Auburn University and Argonne National Laboratory.
CUR Events and Institutes

The Council on Undergraduate Research is pleased to share a calendar of coming events with you.

March 2015

March 13-15, Stetson University, Celebration, FL

Undergraduate Research in the Social Sciences—The institute will assist campus-based teams in developing transformative opportunities for undergraduate research in the social sciences. This institute is now fully subscribed.

March 27-29, Trinity University, Washington, DC

Integrating Undergraduate Research into the Curriculum (IURC)—This institute explores multiple ways to think about scaling the benefits of undergraduate research to a larger percentage of students by integrating research into the curriculum. Suggested pre-requisite institute is ISURP. Application deadline is February 20, 2015.

April 2015

April 10-12, San Diego, CA

Institutionalizing Undergraduate Research (IUR)—This institute brings together teams of faculty members and administrators from institutions that are interested in institutionalizing existing research activities. Suggested pre-requisite is ISURP or NSF-funded CUR Institutes. Application deadline is March 6, 2015.

April 13-18, Undergraduate Research Week—How will you celebrate? Send a short description of your event along with a photograph and your campus logo to robin@cur.org to be listed on our Undergraduate Research Week website.

April 16-18, Eastern Washington University, Cheney, WA

National Conference on Undergraduate Research—National Conference dedicated to promoting undergraduate research, scholarship, and creative activity in all fields of study for students. Registration deadline is March 13, 2015.

Dates TBD, Washington, DC

Posters on the Hill—An evening poster session and reception where students will have the opportunity to speak directly to members of Congress and demonstrate how they have been impacted by these programs.

June 2015

June 23-25, University of Oklahoma, Norman, OK

Undergraduate Research Programs: Building, Enhancing, Sustaining—This conference is aimed at faculty and academic professionals interested in the improvement, management, and promotion of undergraduate research and creative activities. Registration deadlines: April 24, 2015 (Early Bird) and June 5, 2015 (Final).

July 2015

July 16-20, Minneapolis Marriott Southwest, MN

Proposal Writing Institute—This institute brings together faculty and administrators interested in preparing proposals for submission to external funding agencies. The institute has been developed to assist novice to experienced proposal writers in drafting complete proposals for submission. This institute is particularly recommended for individuals who have attended CUR Dialogues 2015. Application deadline is May 22, 2015.
October 2015

October 15-17, University of Missouri, Columbia, MO
Initiating and Sustaining Undergraduate Research Programs (ISURP)—This institute is designed for campuses that are establishing new undergraduate research programs or centralized undergraduate research offices and those expanding undergraduate research opportunities from a single department to a campus wide program. It is also valuable for campuses interested in serving new student constituencies. Application deadline is September 12, 2015.

Dates TBD, Arlington, VA
Research Experiences for Undergraduates Symposium (REUS)—This conference features keynote presentations, presentations by students from REU programs in all disciplines, sessions for REU students, faculty, and administrators, and opportunities to present to representatives from NSF.

November 2015

November 6-8, Location TBD
Creative Inquiry in the Arts and Humanities Institute—This institute will assist campus-based teams in developing transformative opportunities for Undergraduate Research, Scholarship, and Creativity (URSC) in the arts and humanities. The goal of the institute is to inform participants about current research on learning outcomes for students engaging in URSC.

Beginning a Research Program in the Natural Sciences at a Predominantly Undergraduate Institution Institute—The goal of the institute is to give individual pre-tenured faculty members the opportunity to learn from and discuss with experienced faculty how to establish and manage a research program with undergraduates. While at the institute, participants will also prepare plans for starting and/or advancing their individual research programs at their respective campuses. A range of topics will be covered during the institute that show ways to achieve career success in undergraduate research.

POSTERS ON THE HILL 2016

Nothing more effectively demonstrates the value of undergraduate research than the words and stories of the student participants themselves. In the spring of 2016 the Council on Undergraduate Research (CUR) will host its 21st annual undergraduate poster session on Capitol Hill. This event will help members of Congress understand the importance of undergraduate research by talking directly with the students whom these programs impact.

Encourage your students to apply for the 2016 event. Application period opens fall 2015.

http://www.cur.org/conferences_and_events/student_events/posters_on_the_hill/
RENAISSANCE ARLINGTON CAPITAL VIEW MAP:
**Residence Inn Map:**

To access the meeting rooms located at the Residence Inn, exit the double doors near Salon E, take the elevator down to the lobby level and proceed to the right toward Potomac Ballroom.