

AGEP NATIONAL FORUM

Thursday, February 23 – Friday, February 24, 2017

Grand Hyatt Washington
1000 H Street, NW
Washington, DC 20001

The Alliances for Graduate Education and the Professoriate (AGEP) National Forum, convened by the Council of Graduate Schools (CGS) with funding support from the National Science Foundation (NSF), has the following goals:

- To serve as a forum for exploring promising practices with the potential to significantly improve the diversity of graduate students and the professoriate in science, technology, engineering, and mathematics (STEM) fields,
- To develop a network for sharing and fostering community among AGEP grantees, and
- To provide a platform for NSF to engage AGEP grantees by sharing its strategic priorities, policies, and procedures designed to facilitate STEM doctoral programs inclusiveness.



THURSDAY, FEBRUARY 23

7:30 AM-5:00 PM

REGISTRATION, CONSTITUTION A FOYER

7:30-8:30 AM

CONTINENTAL BREAKFAST, CONSTITUTION AB

8:30-8:40 AM

WELCOME FROM CGS, CONSTITUTION AB

Speaker:

Suzanne T. Ortega, President, Council of Graduate Schools

8:40-9:00 AM

WELCOME FROM NSF

Speakers:

Jody Chase, Acting Division Director, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

Mark H. Leddy, Program Director, Alliances for Graduate Education and the Professoriate, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

9:00-9:20 AM

MEETING OVERVIEW AND SETTING THE NATIONAL CONTEXTS

This session will include an overview of the objectives of the AGEP National Forum. Graduate enrollment and degree completion data and other key national trends in the diversity and inclusion of STEM fields and the professoriate will be discussed. The session will also present selected results from the "Completion and Attrition in AGEP and non-AGEP Institutions" project, an AGEP funded project of CGS (NSF grant number 1138814).

Speaker:

Hironao Okahana, Assistant Vice President, Research and Policy Analysis, Council of Graduate Schools

9:20-10:40 AM

OPENING PLENARY: ACADEMIC FAMILY: RECONCEPTUALIZING MENTORING FOR AMERICAN INDIAN/ALASKA NATIVE GRADUATE STUDENTS

Unique challenges and perspectives of American Indian/Alaska Native graduate students in STEM rarely take center stage in national discussions. To address the need for change, this session will outline the central principles of an Indigenous mentoring program as a key component of the Pacific Northwest Collaborative Opportunities for Success in Mentoring of Students (PNW-COSMOS), an emerging program that addresses culturally attuned support for American Indian graduate students in the STEM fields. This project addresses demographic disparities by applying Indigenous values to academic mentoring. It will include a discussion of the implications of the project across different subgroups of students. Open discussion will follow the plenary remarks.

Chair:

Hironao Okahana, Assistant Vice President, Research and Policy Analysis, Council of Graduate Schools

Speaker:

Sweeney Windchief, Assistant Professor of Adult and Higher Education, Montana State University

10:40-11:00 AM

COFFEE BREAK, CONSTITUTION FOYER

11:00-12:15 PM

FOCUSED DISCUSSION: PATHWAYS TO THE PROFESSORiate, CONSTITUTION AB

This session will offer a platform for a comprehensive discussion of promising ways to facilitate pathways toward the professoriate for underrepresented minorities in STEM fields through well-designed postdoctoral scholar experiences. Two panelists will share insights and lessons learned from their alliance, followed by group discussions.

Facilitator:

Robert M. Augustine, Senior Vice President, Council of Graduate Schools

Panelists:

Robin Garrell, Vice Provost, Graduate Education and Dean, Graduate Division, University of California, Los Angeles

M.J.T. Smith, Dean, Graduate School, Purdue University

12:15-2:15 PM

LUNCH PLENARY: ON THE ROAD TO TENURE - TIPS FOR SUCCESS AND MANAGEMENT, INDEPENDENCE B-E

Promotion to professor and the award of tenure are milestones in an academic career. Yet, these advancements are hurdles for even the most well-prepared candidate. This session features two colleagues who have successfully navigated the tenure and promotion process. They will offer strategic insights on how to manage complex issues during the critical tenure period and beyond. Open discussion will follow the plenary remarks.

Chair:

Robert M. Augustine, Senior Vice President, Council of Graduate Schools

Speakers:

Luis Cifuentes, Vice President for Research, Commercialization and Outreach, Texas A&M University, Corpus Christi

Christine Grant, Professor and Associate Dean of Faculty Development and Special Initiatives, College of Engineering, North Carolina State University

2:15-2:30 PM

BREAK

2:30-3:30 PM

NSF POST AWARD MANAGEMENT, CONSTITUTION AB

NSF staff will discuss and answer questions about the NSF guidelines for post-award management of AGEP awards, including, but not limited to: annual, final and project reports; award acknowledgement in publications and use of disclaimer statements; requests to add, remove or change a PI or Co-PI; requests for No Cost Extensions; and budgets.

Chair:

Mark H. Leddy, Program Director, Alliances for Graduate Education and the Professoriate, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

Speakers:

Alan Arnold, AAAS Science & Technology Policy Fellow, Alliances for Graduate Education and the Professoriate, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

Denise Martin, EHR/MPS Team Lead, Division of Grants and Agreements, Office of Budget, Finance and Award Management, National Science Foundation

L. Rashawn Farris, Grants and Agreements Specialist, Division of Grants and Agreements, Office of Budget, Finance and Award Management, National Science Foundation

3:30-4:00 PM

COFFEE BREAK, CONSTITUTION FOYER

4:00-5:15 PM

**FOCUSED DISCUSSION: FOSTERING AND EMPOWERING
PROGRAM CHAMPIONS IN STEM DOCTORAL EDUCATION,
CONSTITUTION AB**

This session will discuss promising ways to develop champions and advocates for underrepresented minorities in STEM doctoral programs. Two panelists will address the institutional environments that nurture and empower faculty members and program administrators to be advocates for underrepresented minorities in STEM. Open discussion will follow the panelists' remarks.

Facilitator:

Tykeia Nicole Robinson, Howard Hughes Medical Institute Policy Fellow, Association of American Colleges and Universities and Consultant, Council of Graduate Schools

Panelists:

Antonio A. Nunez, Associate Dean for Academic Affairs and Postdoctoral Training, Michigan State University

Renetta Garrison Tull, Director of Graduate and Professional Pipeline Development and Special Assistant to the Senior Vice Chancellor for Academic Affairs, University System of Maryland and Associate Vice Provost for Graduate Student Development and Postdoctoral Affairs, University of Maryland, Baltimore County

5:15-5:30 PM

BREAK

5:30-7:00 PM

**NETWORKING RECEPTION/POSTER SESSION,
PENN QUARTER AB/GRAND FOYER**

FRIDAY, FEBRUARY 24

7:30-10:30 AM

REGISTRATION, CONSTITUTION A FOYER

7:30-8:00 AM

CONTINENTAL BREAKFAST, CONSTITUTION AB

8:00-9:00 AM

**UNDERSTANDING PROJECT EVALUATION DESIGN,
IMPLEMENTATION AND USE, CONSTITUTION AB**

The AGEP program is committed to increasing the number of historically underrepresented minorities completing STEM graduate education and contributing to the diversity of the STEM professoriate. This session will focus on the methods for evaluating program practices and using the results to improve program design. The presentation will explore the multiple dimensions of evaluation, identify challenges, and provide resources. This presentation will also discuss the integral role of evaluation in project modification, refinement, and evidence based decision-making. Open discussion will follow the plenary remarks.

Chair:

Hironao Okahana, Assistant Vice President, Research and Policy Analysis, Council of Graduate Schools

Speaker:

Jan Middendorf, Associate Director, Sustainable Intensification Innovation Lab, Kansas State University

9:00-10:00 AM

NSF FUNDING OPPORTUNITIES

NSF program officers will provide overviews of funding opportunities, including Program Solicitations, Dear Colleagues Letters, and Program Announcements of interest to AGEP awardees.

Chair:

Mark H. Leddy, Program Director, Alliances for Graduate Education and the Professoriate, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

Speakers:

DEAR COLLEAGUE LETTER: IMPROVING GRADUATE STUDENT PREPAREDNESS

Margret A. Hjalmanson, Program Director, NSF INCLUDES, Division of Research on Learning in Formal and Informal Settings, Directorate for Education and Human Resources, National Science Foundation

NSF FUNDING OPPORTUNITIES (*CONTINUED*)

DEAR COLLEAGUE LETTER: MPS AGEP-GRS (NSF 16-125)

Kathleen McCloud, Program Director, Integrative Activities in Physics, Physics Frontiers Centers and Investigator-Initiated Research Projects, Division of Physics, Directorate for Mathematical and Physical Sciences, National Science Foundation

ADVANCE: INCREASING THE PARTICIPATION AND ADVANCEMENT OF WOMEN IN ACADEMIC SCIENCE AND ENGINEERING CAREERS (NSF 16-594)

Sharon R. Bird, Program Director, ADVANCE and Alliances for Graduate Education and the Professoriate, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

NSF INCLUDES: INCLUSION ACROSS THE NATION OF COMMUNITIES OF LEARNERS OF UNDERREPRESENTED DISCOVERERS IN ENGINEERING AND SCIENCES (NSF 17-552)

Christopher R. Meyer Program Director, Division of Biological Infrastructure, National Science Foundation

10:00-10:20 AM

COFFEE BREAK, CONSTITUTION FOYER

10:20-12:15 AM

ROUND TABLE DISCUSSION, CONSTITUTION AB

This session will invite all conference participants to engage in topic-focused discussions about how the AGEP community can collectively move the needle in broadening participation and diversity in STEM doctoral education and the professoriate. Topics assigned to each table will guide conversations about leading transformative changes in STEM graduate education. Each table will have an opportunity to share insights with the entire group for additional discussion.

Facilitator:

Robert M. Augustine, Senior Vice President, Council of Graduate Schools

12:15-2:15 PM

LUNCH PLENARY: PATHWAYS TO A DIVERSE STEM PROFESSORiate, INDEPENDENCE B-E

Chair:

Mark H. Leddy, Program Director, Alliances for Graduate Education and the Professoriate, Division of Human Resource Development, Directorate for Education and Human Resources, National Science Foundation

Speaker:

W. James "Jim" Lewis, Acting Assistant Director, Office of Assistant Director, Directorate for Education and Human Resources, National Science Foundation

2:15-2:30 PM

BREAK

2:30-3:50 PM

CLOSING PLENARY: A SENSE OF URGENCY: MOVING BEYOND INCREMENTAL CHANGE, CONSTITUTION AB

By the year 2025, our workforce will be short by as many as 11 million credentialed workers. This will require many more postsecondary credentials to be awarded to African-Americans, American Indians, Hispanics, and first-generation college students. Likewise, as we move into the next several decades, more students will need to be equipped with the technological and analytical skills necessary to be successful in STEM-related fields, as well as in some technologically-based professions which do not even exist today. This concluding conversation will examine the implications of these realities for the community of AGEP scholars and practitioners and the need to dramatically increase the number of minority students pursuing and completing STEM doctorates, and entering into the professoriate. In this regard, strategies for scaling the most promising efforts, working collaboratively across institutions and developing champions to amplify your message will be shared.

Chair:

Suzanne T. Ortega, President, Council of Graduate Schools

Speaker:

Danette Howard, Chief Strategy Officer and Senior Vice President, Lumina Foundation

3:50-4:00 PM

CLOSING REMARKS

Suzanne T. Ortega, President, Council of Graduate Schools

