

Transforming PhD Education: Following *The Path Forward*

Offered by the MSU Graduate School

September 30, 2016, The Union Ballroom

In 2010 the Council of Graduate Schools (CGS) and the Educational Testing Service (ETS) assembled a task force of university and corporate leaders and policymakers to look at challenges and opportunities facing graduate education. Their report, *The Path Forward: The Future of Graduate Education in the United States*, identified significant demographic trends impacting both the applicant pool and the ability to recruit and retain a more diverse population in doctoral programs.

This Graduate School workshop for faculty and administrators will focus on successes and challenges in transforming doctoral education to respond to these trends. In the first session, directors of programs nationally recognized for their approaches to recruiting and retaining students historically underrepresented in doctoral education will talk about the process of creating sustainable change in their programs, including obstacles and achievements. The second morning session will focus on research and practice addressing diversity in admissions and recruitment, both in the business sector and in the context of graduate education.

In the afternoon, administrators from the Graduate School will provide information on current MSU programs and resources that departments can leverage to help their own efforts in recruiting, retaining and mentoring a diverse group of students, including opportunities for funding. They will also provide a brief technical session for those planning to submit a proposal for the Graduate School *Prospective Doctoral Recruitment and Retention Program*.

Participants can register for the full day (including lunch), or the morning session only (with or without lunch). **To register, e-mail gradwrsp@msu.edu** with your name and department; indicate whether you are registering for the morning session (with or without lunch) or the full day. Deadline for registration is Friday, Sept. 23.

Agenda

8:15-8:30 a.m.

Sign in

8:30-10:30 a.m.

Transformational Initiatives that Work

Philip Kutkzo, Professor of Mathematics, University of Iowa, Director, NSF-National Alliance for Doctoral Studies in the Mathematical Sciences

Dina Myers Stroud, Executive Director, Fisk-Vanderbilt Bridge to the Doctorate Program, Adjunct Professor of Physics, Fisk University

Earnestine Baker, Executive Director, UMBC Meyerhoff Scholars Program

10:45-noon

Weighing Decisions: Research on Admissions and Recruitment

Ann Marie Ryan, Professor, Organizational Psychology, Michigan State

Maureen McCarthy, Associate Director of Advancement and Best Practices at the Council of Graduate Schools

Noon-1:00 p.m.

Lunch

1:00-2:30 p.m.

MSU Graduate School Resources and Grant Program

Featured Speakers

Earnestine Baker joined UMBC in 1983 as the Coordinator of Minority Recruitment in the Office of Admissions. She served as Associate Director for Scholarships at the University prior to her appointment as Director of the Meyerhoff Scholars Program in 1992. *Science* and the National Science Foundation have recognized the Meyerhoff Scholars Program as a national model for recruiting talented students pursuing graduate degrees in the sciences, math, engineering, and computer science. Ms. Baker also has served on numerous STEM advisory boards and participated in the 2012 College Completion Symposium with U.S. Secretary of Education Arne Duncan. She received the University System of Maryland Outstanding Staff Member Award in 2008 for extraordinary public service to the university and the greater community.

Philip Kutzko, professor of mathematics at the University of Iowa, received the 2014 AMS Award for Distinguished Public Service. Presented every two years by the American Mathematical Society, the award is given to a research mathematician who has made a distinguished contribution to the mathematics profession during the preceding five years. Dr. Kutzko received the 2008 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, presented to him by President Obama in 2010. He has served as director of the Iowa math department's Sloan Foundation Minority Scholarship Program. Dr. Kutzko also directs the NSF-National Alliance for Doctoral Studies in the Mathematical Sciences. He attended the City College of New York and received his M.S. and Ph.D. degrees at the University of Wisconsin

Maureen Terese McCarthy is Associate Director of Advancement and Best Practices at the Council of Graduate Schools. She is the co-author of *Holistic Review in Graduate Admissions* and *Understanding PhD Career Pathways for Program Improvement*. Since joining CGS in June of 2013, she has served as co-PI for projects on PhD career pathways; co-directed the CGS project on the Future of the Doctoral Dissertation; and co-coordinated the 2014 Strategic Leaders Global Summit on Graduate Education, while contributing to numerous CGS best practice projects. Maureen earned her PhD in English from Emory University in 2013.

Ann Marie Ryan is a professor of organizational psychology at Michigan State University. Her major research interests involve improving the quality and fairness of employee selection methods, and topics related to diversity and justice in the workplace. In addition to publishing extensively in these areas, she regularly consults with organizations on improving assessment processes. She is a past president of the Society of Industrial and Organizational Psychology, past editor of the journal *Personnel Psychology*, and current associate editor of *American Psychologist*. In 2011 Dr. Ryan received the University Distinguished Faculty award from MSU. She received her BS with a double major in psychology and management from Xavier University, Ohio, and her MA and Ph.D. in psychology from the University of Illinois at Chicago.

Dina Myers Stroud is the Executive Director of the Fisk-Vanderbilt Master's to PhD Bridge Program, whose mission is to increase the number of underrepresented minorities in the STEM workforce and academe. She is also currently serving as Executive Director of the Vanderbilt TLSAMP Bridge to the Doctorate. Dr. Stroud is a Research Assistant Professor in the Departments of Physics and Astronomy and Medicine at Vanderbilt University and Adjunct Assistant Professor of Physics at Fisk. She received B.A. degrees in Zoology and Women's Studies from Ohio Wesleyan University and earned her PhD in Molecular Biology from Vanderbilt. After post-doctoral fellowships at UCLA and NYU, Dr. Stroud returned to Vanderbilt in 2007. There her research focuses on cardiovascular genetics using mouse models of heart disease. She joined the Fisk-Vanderbilt Executive Team in 2012 and has overseen significant growth in the program and generated tools to improve student mentoring and tracking.