



Chairs +1 Conference #2
College Park Marriott Hotel & Conference Center
March 10-11, 2017

Agenda

Friday, March 10

7:30-8:30 Breakfast available

8:30-9:00 **Welcome**
Brit Kirwan, University System of Maryland & TPSE Math

TPSE Overview
Phillip Griffiths, Institute for Advanced Study & TPSE Math

SESSION 1: UPPER-DIVISION PATHWAYS

9:00-9:30 **Introduction**
Uri Treisman, Charles A. Dana Center, UT Austin & TPSE Math
Tanya Garcia, Georgetown University Center on Education and the Workforce

9:30-10:45 **Breakouts, Part 1:**
Departmental leader perspectives on strengthening upper-division pathways

10:45-11:00 Break

11:00-12:15 **Breakouts, Part 2:**
On support needed from professional associations to implement strategies discussed in Part 1

12:15-12:30 Break; lunch served

12:30-1:30 **Plenary Session: Reports & Discussion**
Working lunch

SESSION 2: BROADENING GRADUATE EDUCATION

1:30-2:00 **The National Academies' *Revitalizing Graduate STEM Education for the 21st Century* project: Input from the Math Community**
Alan Leshner, CEO Emeritus, AAAS
Layne Scherer, Study Director, NAS

- 2:00-2:30 **Breakouts: Small group discussions**
- 2:30-3:00 **Plenary Session: Reports & Discussion**
- 3:00-3:15 Break
- 3:15-3:45 **Introduction to Workshops: NSF Perspectives**
Michael Vogelius, Division Director, Division of Mathematical Sciences, NSF
Dean Evasius, Division Director, Division of Graduate Education, NSF
- 3:45-5:00 **Workshops**
1. [Institutionalizing Broader Participation in the Mathematical Sciences](#)
Edray Goins, Associate Director, Math Alliance
David Goldberg, Executive Director, Math Alliance
Phil Kutzko, Director, Math Alliance
Maria Noronha, Director, Pacific Mathematics Alliance
 2. [Teaching Math / Teaching Students: Reconceptualizing professional development for teaching](#)
Dave Kung, St. Mary's College of Maryland & MAA Project NExT
Natasha Speer, University of Maine
 3. [Introducing the BIG Math Network: practical ideas to connect academic departments with Business, Industry and Government](#)
Rachel Levy, Harvey Mudd College & SIAM
 4. [Linking Lower-Division and Upper-Division Pathways](#)
Dean Allison, University of Northern Colorado
Rick Miranda, Colorado State University
 5. [Teaching at a Community College: What Graduate Students Need To Be Prepared](#)
Laura Watkins, Project ACCESS
- 5:00-5:30 **Plenary Session: Reports & Discussion**
- 5:30-6:30 Reception
- 6:30 Dinner

Saturday, March 11

SESSION 3: NEW TEACHING STRATEGIES

8:00-9:00 Breakfast available

9:00-9:15 **Introduction**
Karen Saxe, AMS & TPSE Math

9:15-10:45 **Workshops, Group A**

1. [SEMINAL: A grant aimed at helping institutions develop and maintain active learning in the P2C2 sequence](#)
Allan Donsig, University of Nebraska - Lincoln
David Grant, University of Colorado Boulder
Michael O'Sullivan, San Diego State University
2. [Corequisite Remediation and Math Pathways in the Tennessee Board of Regents](#)
Tristan Denley, Tennessee Board of Regents
3. [How to Increase Cognitive and Affective Gains in Student Performance](#)
Autar Kaw, University of Southern Florida
4. [Mathematics Pathways: The Right Math for the Right Student at the Right Time](#)
Frank Savina, Charles A. Dana Center
5. [Modernizing Math Pathways for Student Success: Network Nationally and Plan Locally](#)
David May, Association of Public and Land-grant Universities
Heather Ortiz, Charles A. Dana Center
6. [Teaching Mathematics Using Inquiry](#)
Christine von Renesse, Westfield State University
7. [Developing a Strategic Plan to Create a More Inclusive and Welcoming Department](#)
Darryl Yong, Harvey Mudd College
8. [Promoting Student Engagement with the MAA Instructional Practices Guide](#)
Linda Braddy, Tarrant County College
Doug Ensley, MAA

10:45-11:00 Break

11:00-12:30 **Workshops, Group B**
Same workshops, different participants

12:30-12:45 Break; lunch served

12:45-2:00 **Plenary Session: Open Discussion & Closing Remarks**
working lunch