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 ACCCESS

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
   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