New England Regional Meeting on Upper-Division Math Pathways
Worcester Polytechnic Institute
June 11-12, 2018

Agenda

**Monday, June 11**
8:30-9:00  Registration; coffee & mingling (Fuller Labs, Upper Perreault)

PLENARY SESSION (Fuller Labs, Upper Perreault)
9:00-9:30  Welcome
*Suzanne Weekes  
Brit Kirwan*

*About TPSE Math  
Mark Green*

*What Are Upper-Division Pathways (UDPs) and why do they matter?  
Uri Treisman*

9:30-10:00  Industrial Opportunities as Part of the Student Experience
*Suzanne Weekes*

10:00-10:15  Break

10:15-11:15  Alumni Panel
*MICHAEL DORFF, MODERATOR  
WEIFAN LIU WPI ’14  
CHRIS TEIXEIRA WPI ’06  
KRISTEL WALKER WPI ’15  
NATALIE WELLEN WPI ’17*

11:15-11:30  Break

11:30-12:30  Data to Inform Upper-Division Pathway Design: Presentation & Discussion
*Hal Salzman*

12:30-12:40  What’s a Fishbowl Discussion? Preparation for interactive breakout sessions
*Rebecca Hartzler*

12:45-1:40  Lunch (Higgins House)
BREAKOUT SESSIONS (Salisbury Labs rooms 402, 406, 407 & 411)

1:45-2:45  **Fishbowls, Part 1**
Brainstorming & discussion leading to an understanding of the elements required for pathways through upper-division math for target student populations:

1) Math majors planning to pursue graduate studies (402)
   *Alycia Marshall* (facilitator), *Michael Dorff, Mercedes Franco, Weifan Liu, Stephan Sturm, Uri Treisman, Michael Yereniuk*

2) Non-math majors needing enriched math for careers or further study (406)
   *Dean Allison* (facilitator), *Jacob Bouchard, Richard Cleary, Jim Gates, Michael Gennert, Rick Miranda, Nessy Tania*

3) Math majors going into industries needing strong data analytics skills (407)
   *Rebecca Hartzler* (facilitator), *Kaitlyn Brady, Randy Paffenroth, Elisa Rosales, Krystel Walker, Frank Zou*

4) Math majors going into other industries (411)
   *Jane Tanner* (facilitator), *Jon Abraham, Alana Aubin, Marcel Blais, Nancy Sattler, Chris Teixeira*

2:45-3:15  **Break** (Salisbury Labs, 4th floor; 1st floor lounge also available)

3:15-4:15  **Fishbowls, Part 2**
Same exercise; participants except those named above change groups

PLENARY SESSION (Fuller Labs, Upper Perreault)

4:30-5:30  **Report-backs from groups**

5:30-5:45  **Instructions and assignments for morning breakouts**
*Rebecca Hartzler*

6:15-7:00  **Reception** (Worcester Art Museum)

7:00      **Dinner** (Worcester Art Museum)
**Tuesday, June 12**

**BREAKOUT SESSIONS** *(Salisbury Labs rooms 402, 406, 407 & 411)*  
9:00-10:15  **Pathway Design**  
Sample pathways for target student populations

**PLENARY SESSION** *(Fuller Labs, Upper Perreault)*  
10:30-11:00  **Report-backs from groups**

11:00-11:30  **Data to Inform Upper-Division Pathway Design: Follow-up**  
Reflections from participants on additional data needs in light of discussions

11:30-12:00  **Conclusions & Next Steps**  
*Phillip Griffiths*

12:00  **Bag lunches available**