



**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*  
*Krystal 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, 4<sup>th</sup> floor; 1<sup>st</sup> 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**

WPI campus map: [https://web.wpi.edu/Images/CMS/University-About/UGAdm\\_Map\\_2016\\_Front\\_no\\_crop.pdf](https://web.wpi.edu/Images/CMS/University-About/UGAdm_Map_2016_Front_no_crop.pdf)