

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**

Board on Science Education  
Division of Behavioral and Social Sciences and Education

*Draft Agenda*

**Undergraduate Research Experiences for STEM Students:  
Successes, Challenges, and Opportunities**

Friday, June 2<sup>nd</sup>, 2017  
9:00 am - 3:00 pm  
Room 100, Keck Building, 500 Fifth St NW, Washington DC

**9:00-10:00      Welcome and Introduction to the Report**

Heidi Schweingruber, Director, Board on Science Education

Jim Gentile (committee chair), Emeritus Dean of Natural and Applied Sciences,  
*Hope College*

**Overview of the Report**

Heather Thiry, Research Associate, Ethnography and Evaluation Research Center,  
*University of Colorado-Boulder*

**Commentary on the Report**

Gabriela Weaver, Vice Provost for Faculty Development and Director of the  
Center for Teaching and Faculty Development,  
*University of Massachusetts, Amherst*

**10:00-10:30      A Case Study in Expanding Capacity for UREs**

Moderator: Jim Gentile

**Institutionalizing Undergraduate Student Research, Scholarly, and Creative  
Activity**

Jeffrey Osborn, Dean of the School of Science  
*The College of New Jersey*

**10:30-10:45      Break**

**10:45-12:00      Panel: Building Institutional Capacity for UREs**

Opening Remarks by Moderator:  
Deborah Carter, Associate Professor of Higher Education  
*Claremont Graduate University*

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**Five minute presentations by panelists**

- Marco Molinaro, Assistant Vice Provost for Educational Effectiveness and Director, Center for Educational Effectiveness, *University of California, Davis*
- Michael Dorff, Professor of Mathematics, *Brigham Young University*
- Heather Belmont, Dean of Science *Miami Dade College*
- Sue Ebanks, Assistant Professor of Marine and Environmental Sciences, *Savannah State University*

**12:00-1:00      Lunch and Informal Discussions**

**1:00-2:15      Presentations on Building Evidence of Student Learning in UREs**

Opening Remarks by Moderator:  
Mica Estrada, Associate Professor of Nursing  
*University of California, San Francisco*

**Measuring Motivational and Other Psychological Factors in URE Participants**  
Paul Hernandez, Assistant Professor in Educational Psychology,  
*West Virginia University*

**Assessing whether CUREs meet research and pedagogical goals**  
Sara Brownell, Assistant Professor, School of Life Sciences,  
*Arizona State University*

**Understanding Students' Identities as Researchers**  
Courtney Faber, Research Assistant Professor and Lecturer,  
Engineering Honors Program, *The University of Tennessee*

**2:15-2:45      Closing Reflections**

Susan Singer, Vice President for Academic Affairs and Provost,  
*Rollins College*

Jim Gentile (committee chair), Emeritus Dean of Natural and Applied Sciences,  
*Hope College*