

*The National Academies of*  
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DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES AND EDUCATION  
Board on Science Education  
DIVISION ON EARTH AND LIFE STUDIES  
Board on Life Sciences

***Strengthening Research Experiences for Undergraduate STEM Students***

Committee Meeting #2

Wednesday, September 16, 2015

500 Fifth St., N.W. Washington, DC 20001

**Keck Room 201**

**Draft Agenda**

**OPEN SESSION 10:15 a.m. – 3:00 p.m.**

**10:15 a.m.** **Welcome**  
**Jim Gentile**, Study Chair

**10:20 a.m.** **Discussion of the Charge with the Sponsor**  
**Susan Singer**, National Science Foundation

**Institutional Level Data Gathering and Analysis**

**10:40 a.m.** **Bethany Usher**, Director of the Students as Scholars Initiative, and  
**Stephanie Hazel**, Acting Director of Institutional Research  
George Mason University  
Gathering longitudinal data on participants in the campus-wide Students as Scholars Initiative

**11:00 a.m.** **Marco Molinaro** (via videoconference)  
Associate Vice Provost for Undergraduate Education, Innovation, Research & Analytics  
University of California, Davis  
Monitoring the effectiveness of interventions

**11:20 a.m.** Questions and Discussion on Institutional Level Data Gathering and Analysis

**Institutional Change**

**11:40 a.m.** **Mitch Malachowski**, Professor of Chemistry,  
University of San Diego  
Institutionalizing undergraduate research at primarily undergraduate institutions

**12:00 p.m.** **Paul Hernandez**, Assistant Professor of Education Psychology  
West Virginia University  
Using quantitative analysis of effects of interventions to broaden participation

**12:20 p.m.** Questions and Discussion on Institutional Change

**12:40 p.m.**      **Lunch**

**1: 40 p.m.**      **Commentary on Today's presentations**

- **Erin Dolan**, Director, Texas Institute for Discovery Education in Science, U of Texas, Austin
- **Tuajuanda Jordan**, President, St. Mary's College of Maryland

**2: 20 p.m.**      **Group Discussion and Questions**

**3:00 p.m.**      **Break**