

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

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**