

## Revitalizing Graduate STEM Education for the 21<sup>st</sup> Century

### Second Committee Meeting

National Academies of Sciences, Engineering, and Medicine

The Keck Center

500 5<sup>th</sup> Street NW, Washington, D.C.

Room 101

March 23 – March 24, 2017

### Meeting Objectives

- Summarize recent and ongoing activities in graduate STEM education.
- Present findings from working groups.
- Receive input and discuss key issues. Including presentations from and discussions with professional societies, private sector employers, and current and recent students.
- Identify priorities and plan next steps.

*Thursday, March 23*

*8:30 a.m. - 5:00 p.m.*

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**8:30 a.m. - 1:00 p.m.    Closed Sessions**

**1:00 p.m. - 5:00 p.m.    Open Sessions**

**1:00 p.m. – 2:45 p.m.    Panel I: Professional Societies' Initiatives in Graduate Education**

- Amy Chang, Education Director, American Society for Microbiology
- Dave Harwell, Assistant Director, Talent Pool, Science, American Geophysical Union
- Theodore Hodapp, Director of Project Development and Senior Advisor to Education and Diversity for the American Physical Society
- Bassam Shakhashiri, William T. Evjue Distinguished Chair for the Wisconsin Idea and Director of the Wisconsin Initiative for Science Literacy, University of Wisconsin-Madison, and former president of the American Chemical Society

**2:45 p.m. – 3:00 p.m.    Break**

**3:00 p.m. – 4:45 p.m.    Panel II: Career Trends for Graduate STEM Degree Holders**

- Dana (Keoki) Jackson, Chief Technology Officer, Lockheed Martin
- Cory Valente, R&D Leader – Strategic Recruiting & Research Assignments Program Network Leader -GLAD, The Dow Chemical Company

**4:45 p.m. – 5:00 p.m.    Closing comments**

***Friday, March 24***

***8:30 a.m. – 12:30 p.m.***

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**8:30 a.m.-10:00 a.m.    *Open Session***

**8:30 a.m. - 10:00 a.m.    Panel III: Perspectives from Current and Recent Students**

- Jonathan Kershaw, Postdoctoral Trainee, Purdue University and ELISS Alumnus
- James Mathis, PhD Candidate, University of Michigan and American Physical Society Bridges Program participant
- Barbara Natalizio, AAAS Fellow, National Science Foundation and National Postdoctoral Association Board Member

**10:00 a.m.-12:30 p.m.    *Closed Sessions***

**12:30 p.m.                      Meeting Adjourns**