

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Open Forum: Perspectives on the Future of STEM Graduate Education

Committee on Revitalizing Graduate STEM
Education for the 21st Century

Emerging Researchers National Conference
March 3, 2017

The National Academies of
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Committee on Revitalizing Graduate STEM
Education for the 21st Century

- **Committee Chair:** Alan Leshner, CEO Emeritus, AAAS
- **Study Term:** September 2016-September 2018
- **Sponsors:**
 - The Burroughs Wellcome Fund
 - The Institute of Education Sciences
 - The National Science Foundation
 - The Spencer Foundation

Project Scope

- Describe current landscape of graduate education and career pathways
- Identify barriers and information gaps for students to achieve their goals
- Identify policies and model programs that would improve alignment of graduate education with students' and prospective employers' needs

A National Dialogue on Graduate Education

- University faculty, staff, and administration
- Employers: Industry, government, non-profits, and academia
- Professional societies and associations
- Policymakers (federal and state)
- Funding agencies
- **Graduate Students**
- **Undergraduate students**

Discussion Questions

- Why are you interested in graduate school?
- What do you expect to get out of graduate school?
- How do you think graduate school will prepare you for what you do next?