

Revitalizing Graduate STEM Education for the 21st Century
PUBLIC AGENDA

Third Committee Meeting

North Carolina State University

Dorothy and Roy Park Alumni Center
2450 Alumni Drive Raleigh, NC 27606

Chancellor's Board Room and Reception Room

May 22 – May 23, 2017

Meeting Objectives

- **Discuss findings from working groups.**
- **Finalize discussion paper.**
- **Hear from stakeholders.** *Including institutional leaders and employers.*
- **Discuss project work plan.** *Identify actions to advance the project by the September meeting.*

Monday, May 22, 2017

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

8:00 a.m. - 12:15 p.m. *Closed sessions*

12:15 p.m. - 5:00 p.m. *Open Sessions*

- **12:30 p.m. – 1:15 p.m.** *Lunch with guests (Reception Room)*
- **1:15 p.m. – 3:00 p.m.** **Panel I: Perspectives on implementing change in graduate education**
The panel will be with a review of recommendations from recent reports on graduate education, and the panelists will respond to the key themes and share their perspectives on how different parts of an institution contribute to the implementation of new programs, policies, and practices.
 - **Patrick Brennwald**, Professor, Department of Cell Biology and Physiology, University of North Carolina – Chapel Hill
 - **Yasmeen Hussain**, Associate Program Officer, National Academies of Sciences, Engineering, and Medicine
 - **Thomas Miller**, Senior Vice Provost for Academic Outreach and Entrepreneurship, North Carolina State University
 - **Debra Stewart**, President Emerita, Council of Graduate Schools
 - **Kimberly Weems**, Associate Professor, Mathematics and Physics, North Carolina Central University
- **3:00 p.m. – 3:15 p.m.** *Refreshments break (Reception Room)*
- **3:15 p.m. – 4:45 p.m.** **Panel II: Building university partnerships**
This panel will focus on the ways in which partnerships between industry and universities and across campuses can enrich graduate STEM education.
 - **Joseph Graves**, Professor & Associate Dean for Research and Integrative Bioinformatics for Investigating and Engineering Biomes (IBIEM), Co-Director, North Carolina A&T

- **Claudia Gunsch**, Theodore Kennedy Associate Professor, Civil & Environmental Engineering, and Integrative Bioinformatics for Investigating and Engineering Biomes (IBIEM), Director, Duke University
- **Steven Hunter**, IBM Fellow, North Carolina State University
- **Michael Lipps**, Managing Director, Business of Law Software Solutions, LexisNexis
- **Le Tang**, Vice President and Head of US Corporate Research Center ABB

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

Tuesday, May 23, 2017

9:00 a.m. – 3:30 p.m.

9:00 a.m.-11:00 a.m. Open Session

- 9:00 a.m. - 10:45 a.m. **Panel III: Creating institutional practices to improve support for all students**

This panel will examine the ways in which admissions, orientation, mentoring, academic support, and other practices help ensure that students from diverse backgrounds are able to enter and persist through graduate school and into the careers that align with their interests.

- **Dona Chikaraishi**, Professor Emeritus, Duke University
- **Christine Grant**, Associate Dean of Faculty Development and Special Initiatives, College of Engineering and Professor of Chemical Engineering, North Carolina State University
- **David Shafer**, Assistant Dean for Outreach and Diversity, North Carolina State University
- **Ayanna Boyd Williams**, Assistant Dean, The Graduate College, North Carolina A&T

- 10:45 a.m. - 11:00 a.m. **Refreshments break as guests depart (Reception Room)**

11:00 a.m.-3:00 p.m. Closed Sessions