



## **Evolving Demands in Graduate Education, Training and Career Development for Future STEM Professionals --A Roundtable Discussion**

*November 5-6, 2007*

- Day One**      Location:      Eisenhower Executive Office Building, Room 350  
Washington, DC
- 4:30 PM      **Reception**
- 5:00 PM      **Opening Remarks**
- *Dr. Sharon Hays, Deputy Director for Science, Office of Science and Technology Policy*
- 5:15 PM      **Graduate Student and Postdoctoral Fellow Panel and Discussion:  
— Pathways and Perspectives from Current Students and Recent Graduates**
- *Moderator- Dr. Timothy Barbari, Associate Provost for Research and Dean of the Graduate School, Georgetown University*
  - *Mr. Andrew Latham, Graduate Student, Pennsylvania State University*
  - *Mr. John Read, Graduate Student, Cornell University*
  - *Dr. Shabana Shabbeer, Postdoctoral Fellow, Johns Hopkins University*
  - *Dr. Wolf Lindwasser, Postdoctoral Fellow, National Institutes of Health*
- 7:00 PM      **Meeting Adjourns**
- Day Two**      Location:      Keck Center of the National Academies, Room 203  
500 5<sup>th</sup> Street, NW, Washington, DC
- 8:00 AM      **Continental Breakfast**
- 8:30 AM      **Opening Remarks**
- *Dr. John Marburger, Director, Office of Science and Technology Policy*
- 8:45 AM      **Introductions by Roundtable Participants**
- 9:00 AM      **Trends in the System of STEM Graduate Education and Workforce Development  
What can we learn from the data? —Panel & Discussion**
- *Moderator- Dr. Daryl Chubin, Director, Center for Advancing Science and Engineering Capacity, American Association for the Advancement of Science*
  - *Dr. Cora Marrett, Assistant Director for Education and Human Resources, National Science Foundation*
  - *Dr. Debra Stewart, President, Council of Graduate Schools*
  - *Dr. Lisa Frehill, Executive Director, Commission on Professionals in Science and Technology*
  - *Dr. Charlotte Kuh, Deputy Executive Director, Policy and Global Affairs Division, The National Academies*

- 10:30 AM **STEM Graduate Education and Postdoctoral Training: Is the Current Model Evolving to Meet National Needs and Properly Serving Students? —Panel & Discussion**
- *Moderator- Dr. Peter Fiske, President and CEO, PAX Mixer, Inc.*
  - *Dr. Norka Ruiz Bravo, Deputy Director for Extramural Research, National Institutes of Health*
  - *Dr. Michael Teitelbaum, Vice President, Sloan Foundation*
  - *Dr. David Skorton, President, Cornell University*
  - *Dr. Joann Eisenhart, Vice President, Human Resources, Pfizer, Inc.*
  - *Dr. Peter Fiske, President and CEO, PAX Mixer, Inc.*
- 12:20 PM **Breakout Discussions and Working Lunch**  
Roundtable participants will reconvene in three groups to discuss the challenges and opportunities in each of the sectors.
- *Group 1: Government*
  - *Group 2: Private Sector*
  - *Group 3: Academe*
- 2:00 PM **Report from Breakout Groups**
- *Moderator- Shirley Malcom, Director, Education and Human Resources, American Association for the Advancement of Science*
  - *Group 1: Government*
  - *Group 2: Private Sector*
  - *Group 3: Academe*
- 3: 20PM **Closing Remarks**
- *Dr. Sharon Hays, Deputy Director for Science, Office of Science and Technology Policy*
- 3: 30PM **Meeting Adjourns**