

The Disruption Myth and Gaps in the Innovation Ecosystem

Government-University-Industry Research Roundtable Meeting

October 20-21, 2015
National Academy of Sciences Building
2101 Constitution Avenue NW
Washington, DC 20418

While some scholars argue that the theory of “disruptive innovation” overlooks socio-economic realities, many across industry, academia, and policy nevertheless embrace the notion that technologies that create new markets and value networks can and do effectively disrupt industries and displace earlier technologies. This GUIRR meeting will explore (1) what disruptive innovation and disruptive innovators look like today, (2) how patterns of disruption and business dynamism are changing in a modern world, (3) how the study of disruption can affect the structure of innovation ecosystems, and (4) how disruption can inform national science and technology policy in the present and the future.

Tuesday, October 20, 2015

- 1:00-5:00 p.m. Pre-meeting workshop – *Angel Investing: Helping Innovators Bridge the Valley of Death* (NAS 120 – open to all; separate registration)
- 4:00-5:30 pm **GUIRR Executive Committee Meeting** – NAS 114 (Committee Members Only)
- 5:00-6:30 pm **Networking Mixer** – West Court
- 6:30-8:30 pm **Dinner & Keynote Address** – Great Hall
Moderator: Jacques Gansler, GUIRR University Co-Chair; Roger C. Lipitz Chair in Public Policy and Private Enterprise, University of Maryland at College Park
- Dr. Richard Foster, Managing Partner, Millbrook Management Group LLC; Executive in Residence, Yale Entrepreneurial Institute, and Senior Faculty Fellow, Yale School of Management

Wednesday, October 21, 2015

- 8:00-8:15 am **Welcome Remarks** – Lecture Room
- Jacques Gansler, GUIRR University Co-Chair
- 8:15-10:20 am **Characterizing Disruptive Innovation: Meet the ‘Disruptors’**
A panel with presentations from representatives across several industries on how their businesses are disrupting markets
- **Sensors and Electronics**
Dr. Bruce Willner, Chief Science Officer, Graphene Frontiers
 - **Education**
Dr. George Siemens, Executive Director, LINK Research Lab, University of Texas at Arlington

- **Biomechanics and Materials Science**
Dr. Joanna Aizenberg, Amy Smith Berylyson Professor of Materials Science, Harvard University
- **Alternative Energy**
Emil King, Energy Administration Program Analyst , District of Columbia Department of Energy and the Environment

10:20-10:50 am **Networking Break**

10:50 am – 12:30 pm **The Disruption Myth: Contextualizing the Debate**

- Carl Schramm, Professor, School of Information Studies, Syracuse University
- Judy Shapiro, CEO, engageSimply.com

12:30-1:30 pm **Lunch – West Court**

1:30-2:00 pm **Innovating in Disruption-Resistant “Legacy” Sectors**

- William Bonvillian, Director, Massachusetts Institute of Technology's Washington, D.C. Office

2:00-2:30 pm **Role of Government in the Innovation Ecosystem**

- Paul Zielinski, Director, Technology Partnerships Office at National Institute of Standards and Technology

2:30-3:00 pm **GUIRR Project Updates**
Moderator: Susan Sloan, Director, GUIRR

- Federal Demonstration Partnership, FDP – Cynthia Hope, Assistant Vice President for Research Director, Office for Sponsored Programs, University of Alabama
- International Research Collaborations (I-Group) – James J. Casey, Jr., Director, Office of Sponsored Programs, American University
- Webinar Series – Megan Nicholson, Associate Program Officer, GUIRR
- T-Summit 2016 – Susan Sloan, Director, GUIRR
- Other, New

3:00 pm **Adjourn**