

Novel Financing for Innovation

DRAFT AGENDA

Government-University-Industry Research Roundtable Meeting

February 24-25, 2014

National Academy of Sciences Building
2101 Constitution Avenue, NW
Washington, DC 20418

Tough economic times and financial constraints that are not likely to lessen anytime soon are encouraging a rethinking of how we can best, as a nation, fund research in the sciences, engineering, and technology. Federal research agencies have launched, utilized, or are proposing new funding mechanisms that are less like the traditional research and development grant and more akin to direct investments in technologies that may be perceived as critical to a particular agency. State governments are also exploring novel ways to advance research from the bench into the marketplace, including crowdfunding and creative public-private partnerships. With this GUIRR meeting, members will consider new financing models and mechanisms designed to leverage resources and more efficiently convert the nation's research assets into economic assets, thereby increasing the nation's overall competitiveness.

Monday, February 24, 2014

Location: National Academy of Sciences Building

5:30-6:30 PM Cocktails – Great Hall

6:30-7:30 PM Keynote Address – Lecture Room

IMPROVED FUNDING MECHANISMS TO SUPPORT CREATIVE, HIGH-RISK/HIGH-REWARD RESEARCH

Dr. Tom Kalil, Deputy Director for Technology and Innovation, Office of Science and Technology Policy, The White House

Moderator: Dr. Jack Gansler, Roger C. Lipitz Chair in Public Policy and Private Enterprise and Director of the Center for Public Policy and Private Enterprise, School of Public Policy, University of Maryland and GUIRR Co-Chair

7:30-8:30 PM Dinner – Great Hall

Tuesday, February 25, 2014

Location: National Academy of Sciences Building – Lecture Room

7:30-8:00 AM Continental Breakfast – East Court

8:00-8:15 AM **WELCOME REMARKS**

Dr. Uma Chowdhry, Chief Science and Technology Officer Emeritus, DuPont and GUIRR Co-Chair

8:15-9:15 AM **CREATING AN INNOVATION FINANCING ECOSYSTEM**

45 minutes for panel discussion, followed by time for Q&A

Moderator: Ms. Kathleen Harger, Executive Consultant, Innovation Financing Roundtable

- **Mr. Scott Fouse, Director, Advanced Technology Laboratories, Lockheed Martin**
- **Mr. Leslie Platt, President, Innovation Financing Roundtable**
- **Col. Mark “Puck” Mykleby, United States Marine Corps, Retired**

9:15- **FINANCIAL INNOVATIONS FOR TRANSLATIONAL BIOMEDICAL RESEARCH**

10:15 AM *20 minute presentations, followed by time for Q&A*

- **Mr. Richard Basile, Founder, BioPontis Alliance Foundation**
- **Dr. Andrew W. Lo, Charles E. and Susan T. Harris Professor of Finance and Director, Laboratory for Financial Engineering, MIT Sloan School of Management**

10:15-
11:00 AM Break

11:00- **IN-Q-TEL, STRATEGIC INVESTOR FOR THE CIA**

11:30 AM *20 minute presentation, followed by time for Q&A*

Mr. Jeffrey Smith, Partner, National and Homeland Security Practice Chair, Arnold & Porter LLP

11:30 AM- **PRIVATE FINANCE MECHANISMS TO FACILITATE SPACE EXPLORATION**

12:00 PM *20 minute presentation, followed by time for Q&A*

Dr. Michael Potter, Senior Fellow, International Institute of Space Commerce, Isle of Man

12:00 -
1:15 PM Lunch – West Court

1:15- **SCIENCE FOUNDATION IRELAND AND SCIENCE FOUNDATION ARIZONA: DESIGNING REPLICABLE MODELS FOR EFFECTIVE INDUSTRY-UNIVERSITY PARTNERSHIPS**

1:45 PM *20 minute presentation, followed by time for Q&A*

Dr. William Harris, President and CEO, Science Foundation Arizona

1:45- **BREAKOUT LABS: RESHAPING THE WAY EARLY-STAGE SCIENCE IS FUNDED**

2:15 PM *20 minute presentation, followed by time for Q&A*

Ms. Lindy Fishburne, Executive Director, Breakout Labs, Thiel Foundation

2:15-2:50 PM **UPDATES AND DISCUSSION ON CURRENT GUIRR PROJECTS**

Moderator: Dr. Jack Gansler, University of Maryland, GUIRR Co-Chair

- **University-Industry Demonstration Partnership (UIDP) – Dr. John Hickman, Director of Global University Relations and Life Sciences, Deere & Company and UIDP President**
- **Federal Demonstration Partnership (FDP) – Dr. Susie Sedwick, Associate Vice President for Research and Director, Office of Sponsored Projects, University of Texas at Austin and FDP Chair**
- **International Research Collaborations (“I-Group”) – Dr. Arturo Pizano, Manager, University Collaboration Program, Siemens and I-Group Co-Chair**
- **GUIRR Webinars and Other Activities – Ms. Susan Sloan, Director, GUIRR**

2:50-3:00 PM **PROPOSAL OF NEW TOPICS AND PROJECTS FOR GUIRR + OTHER MEMBER ANNOUNCEMENTS**

3:00 PM Adjourn