

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

GUIRR UPDATE

Meeting of the Federal Demonstration Partnership (FDP)

Susan Sloan
Director, GUIRR
May 10, 2018



Government | University | Industry

RESEARCH ROUNDTABLE

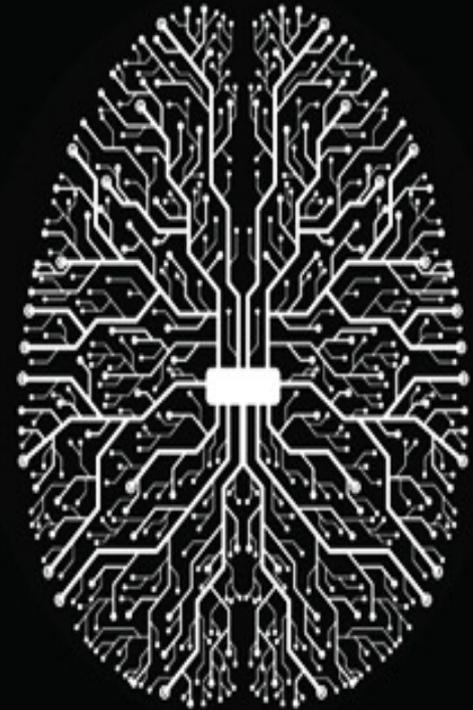
Policy and Global Affairs Division

First meeting of 2018

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING TO ACCELERATE TRANSLATIONAL RESEARCH

February 13-14, 2018

National Academy of Sciences Building
Washington, DC 20418



GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

We considered:

- (1) The history and new challenges of commercializing AI applications in biomedicine
- (2) What bio and pharma companies can learn from other sectors' applications of emerging AI
- (3) How to best balance risk with reward: What regulatory and ethical issues need to be taken into consideration
- (4) How to think about preparing a qualified workforce to meet the challenges

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

Opening Keynote Address



Dr. Oren Etzioni
Chief Executive Officer
Allen Institute for Artificial Intelligence

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Coming up!



STRATEGIES FOR
ENGAGEMENT OF
NON-TRADITIONAL
PARTNERS IN THE
RESEARCH ENTERPRISE

June 12-13, 2018
National Academy of Sciences Building
Washington, DC 20418

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

We will consider:

- (1) How and why might universities, industry, and the federal government engage with non-traditional (outside of the Triple Helix model) partners such as private foundations, disease-specific advocacy groups, NGOs, angel and venture capital groups?
- (2) Do these non-traditional partners offer enough space for investigator-initiated research and basic research?
- (3) How do focused funding strategies impact the research enterprise, in terms of workforce development, research focus of individual investigators, and leveraging other federal and commercial research funds?

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

GUIRR Monthly Webinar Series

Webinars held in 2018 and since the last FDP meeting:

- January 17 – *Technology Transfer Evolution: Driving Economic Prosperity*
- February 27 – *Information Technology and the U.S. Workforce*
- March 23 – *Putting Science to Work for Women's Health*
- April 26 – *Journal of Science Policy and Governance*

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

Next Webinar

Connecting Research to Policy: The Broadband Research Initiative at Pew Charitable Trusts

May 30, 2018

1 p.m. EST

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



DATA MATTERS: Ethics, Data, and International Research Collaboration in a Changing World

March 14-16, 2018 | National Academy of Sciences Building | Washington, DC 20418

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

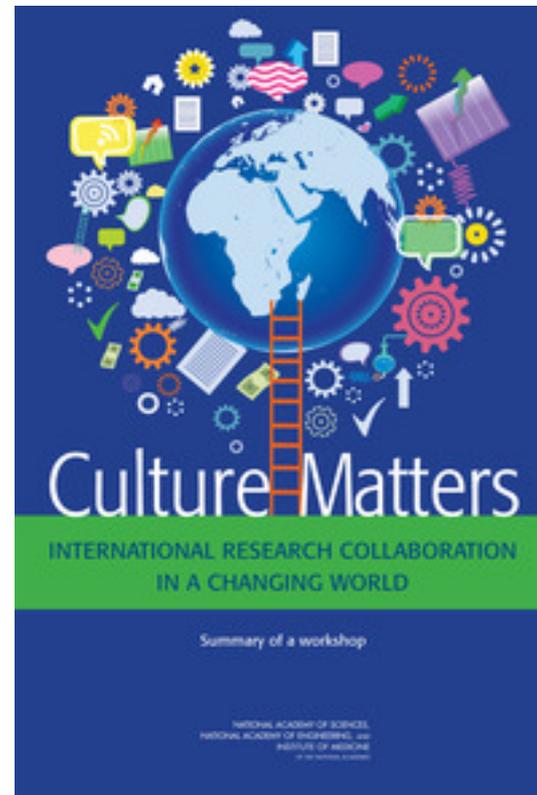
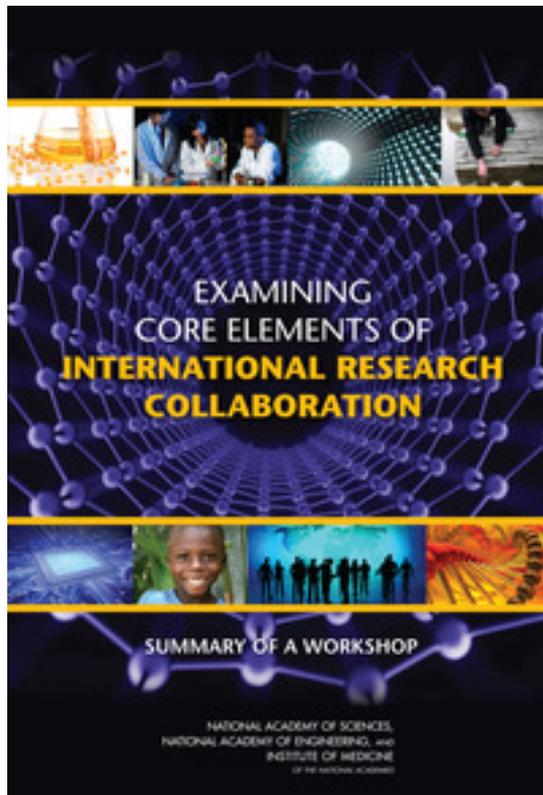
The National Academies of
SCIENCES • ENGINEERING • MEDICINE

DATA MATTERS

This workshop explored the changing opportunities and risks of data management and use across disciplinary domains to examine advisory principles for consideration when developing international research agreements, in the pursuit of highlighting promising practices for sustaining and enabling international research collaborations at the highest ethical level possible.

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE



GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Thank you. Questions?

ssloan@nas.edu

mnicholson@nas.edu

cbaylor@nas.edu

www.nas.edu/guirr

GOVERNMENT-UNIVERSITY-INDUSTRY RESEARCH ROUNDTABLE

The National Academies of
SCIENCES • ENGINEERING • MEDICINE