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

GOVERNMENT-UNIVERSITY-INDUSTRY
RESEARCH ROUNDTABLE
March 14-16, 2018
National Academy of Sciences Building
Washington, DC 20418

Wednesday, March 14, 2018
Day 1: Data Matters

3:30-5:30 pm Room 120	Introduction and Framing the Issues • **Barbara Mittleman**, Chief Strategy Officer of Waymark Systems • **Arturo Pizano**, University Relations Program Manager at Siemens Corporate Technology • **Susan Sloan**, Director of GUIRR at the National Academies of Sciences, Engineering, and Medicine • **Jake Metcalf**, Research at the Data & Society Research Institute • **Ghassem Asrar**, Director of the Joint Global Change Research Institute of the Pacific Northwest National Laboratory
5:30-7:30 pm West Court	Reception (sponsored by Elsevier) and Keynote • **Simson Garfinkel**, Senior Computer Scientist for Confidentiality and Data Access at the U.S. Census Bureau • Moderator: **Arturo Pizano**

Thursday , March 15, 2018
Day 2: Privacy, Security, and Confidentiality of Data Sharing and Storage

8:00-10:30 am Room 120	Session 1: The Upside and the Downside: Protections, Incentives, Disincentives, and Risks Legal and Technical Concerns (8:15-9:15 am) • **Ruxandra Draghia**, Vice President of Public Health and Scientific Affairs at Merck Global Vaccines • **Nick Feamster**, Professor of Computer Science at the Center for Information Technology Policy at Princeton University • Moderator: **Mark Seiden**, Director of Information Security at 1010data and Security Advisor at Internet Archive

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Political and Economic Concerns (9:15-10:30 am)
- **Kristin Tolle**, Director of the Data Science Initiative at Microsoft Research Outreach
- **Brad Fenwick**, Senior Vice President of Global Strategic Alliances at Elsevier
- **Stuart Haber**, Chief Scientist at Auditchain
- Moderator: **Mark Seiden**

10:45 am-12:15 pm
Room 120

Session 2: Domain-Specific Examples

- **Joe Pelton**, Emeritus Director of the Space and Advanced Communications Research Institute at the George Washington University
- **Eric Perakslis**, Chief Science Officer at Datavant
- **Shelley Stall**, Director for Data Programs at the American Geophysical Union
- **Jim Shultz**, Founder and Director of the Center for Disaster and Extreme Event Preparedness Center at the University of Miami School of Medicine
- **Nancy Potok**, Chief Statistician of the United States
- Moderator: **Ruxandra Draghia**

12:15-1:45 pm
West Court

Session 3: Lunch and Plenary

Sharing Data Responsibly: International, Interdisciplinary and Intersectoral Entanglements
- **Madeleine Murtagh**, Professor of Sociology and Bioethics at Newcastle University
- Moderator: **Susan Sloan**

1:45-3:45 pm

Session 4: Breakout Groups

- Room 120 (A)—**Judith Torney-Purta** and **Arturo Pizano**
- Member's Room (B)—**Lorna Jean Edmonds** and **Susan Sloan**
- Room 125 (C)—**Brad Fenwick** and **Andreas Rechkemmer**
- Board Room (D)—**Tilak Agerwala** and **Mark Seiden**

4:00-5:30 pm
Room 120

Session 5: Privacy, Security, Equity, and Confidentiality of Data Sharing and Storage

- **Cheikh Mbow**, Executive Director of START
- **Roger-Mark De Souza**, President and CEO of Sister Cities
- Moderator: **Andreas Rechkemmer**, Professor and American Humane Endowed Chair of the Graduate School of Social Work at the University of Denver

5:30-7:00 pm
West Court

Reception (sponsored by Siemens Corporation)

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Friday, March 16, 2018
Day 3: Changing Technology and Social Landscape

8:15-9:00 am Room 120	Session 1: New and Emerging Technologies – Internet of People and Things

- **Sanjay Tripathi**, Vice President of Growth Initiatives and Strategic Partnerships at Watson IoT, IBM
- Moderator: **Tilak Agerwala**, IBM Emeritus

9:00 am-12:15 pm	Session 2: Breakout Groups

- Room 120 (A)—**Judith Torney-Purta** and **Arturo Pizano**
- Member's Room (B)—**Lorna Jean Edmonds** and **Susan Sloan**
- Room 125 (C)—**Brad Fenwick** and **Andreas Rechkemmer**
- Board Room (D)—**Tilak Agerwala** and **Mark Seiden**

12:15-1:00 pm West Court	Lunch

1:00-2:30 pm Room 120	Session 3: New and Emerging Technologies – Artificial Intelligence

- **John Markoff**, Research Fellow at the Center for Advanced Study in the Behavioral Sciences at Stanford University and former Senior Technology Writer for The New York Times
- **Dario Gil**, Vice President of AI and IBM Q
- **Melvin Greer**, Chief Data Scientist for the Public Sector, Americas, at Intel Corporation
- Moderator: **Lorna Jean Edmonds**, Vice Provost for Global Affairs and International Studies at Ohio University

2:30-3:30 pm Room 120	Session 4: Open Discussion and Next Steps

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