



Second Meeting of the  
**Committee on  
Reproducibility and  
Replicability in Science**

The Keck Center  
Room 101  
500 Fifth Street NW  
Washington DC 20001

**THURSDAY, February 22, 2018**

Public Sessions will be webcast and recorded via Zoom.

Join from PC, Mac, Linux, iOS or Android: <https://nasem.zoom.us/j/278773591>

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**12:00 – 4:45 PM**

**OPEN SESSION: Session Open to the Public**

**Keck Center, Room 101**

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**12:00**

**Welcome and Introductions**

*Harvey Fineberg*

*Committee chair*

*President of the Gordon and Betty Moore Foundation*

**12:15**

**Perspectives on Reproducibility and Replication: American Economic Association**

*Margaret Levenstein*

*University of Michigan*

*Director, Inter-university Consortium for Political and Social Research (ICRPSR)*

The speaker has been asked to focus on the following questions:

- Within economics, what is the level of awareness, interest, concern, and involvement in reproducibility and replicability (R&R) of research results?
- Are there specific areas within economics that are more likely to have issues with reproducing scientific results?
- What reproducibility challenges does economics face with cross disciplinary research?

**12:45**

**Panel 1: Overview of Extent of Reproducibility Issues in Scientific and Engineering Research  
(15 minutes each + 15 minute total for Q&A)**

*John Ioannidis*

*C.F. Rehnborg chair in Disease Prevention, Co-Director, Meta-Research Innovation Center  
Stanford University*

*Brian Nosek*

*Director for the Center for Open Science  
Professor at the University of Virginia*

*Daniel Sarewitz*

*Co-Director, Consortium for Science, Policy & Outcomes, Professor of Science and Society  
Arizona State University*

**THURSDAY, February 22, 2018 (continued)**

The panelists have been asked to focus on the following **session questions**:

- How extensive is the lack of reproducibility in research results in science and engineering, in general?
- At what level does a lack of reproducibility become a problem for the wellbeing of science or engineering?
- Does the lack to reproduce scientific results impact the public perception of specific scientific fields and/or science and engineering in general?

**13:45 Panel 2: Reproducibility Issues in Computational Sciences and Statistics (Part 1)  
(15 minutes each + 15 minutes Q&A)**

The panelists in Panel 2 (Part 1) have been asked to address the session questions with a focus on the management of computational code and data.

*David Madigan  
Executive Vice President and Dean of the Faculty of Arts and Sciences  
Columbia University*

*Arjun Kumar Manrai  
Harvard University*

**14:30 BREAK, 15 minutes****14:45 Panel 2: Reproducibility Issues in Computational Sciences and Statistics (Part 2)  
(15 minutes each + 15 minutes Q&A)**

The panelists in Panel 2 (Part 2) have been asked to address the session questions with a focus on the impact of the misuse of statistics in research.

*Giovanni Parmigiani  
Harvard University and Dana Farber Cancer Institute*

*Steven Goodman  
Professor of Medicine and Epidemiology  
Associate Dean for Clinical and Translational Research  
Co-Director, Meta-research Innovation Center at Stanford (METRICS)  
Stanford University*

**THURSDAY, February 22, 2018 (continued)****15:30 Panel 3: Reproducibility Issues in Economics and Social Science  
(15 minutes each + 15 minutes Q&A)**

The panelists in Panel 3 have been asked to address the session's questions as they relate to economics, social sciences, and psychology.

*Paul L. Joskow*

*Elizabeth and James Killian Professor of Economics, Emeritus  
Department of Economics  
Massachusetts Institute of Technology*

*Arthur "Skip" Lupia*

*Hal R Varian Collegiate Professor  
University of Michigan*

*Joseph Simmons*

*University of Pennsylvania*

**16:30 Public Comments****16:45 End Public Session**

**FRIDAY, February 23, 2018**

Public Sessions will be webcast and recorded via Zoom.

Join from PC, Mac, Linux, iOS or Android: <https://nasem.zoom.us/j/275369777>**9:00 – 10:45 AM****OPEN SESSION: Session Open to the Public  
Keck Center, Room 101****09:00****Welcome and Introductions***Harvey Fineberg  
Committee chair***09:15****Panel 5: Reproducibility Issues in Engineering  
(15 minutes each + 10 minutes Q&A)***Gianluca Setti  
Politecnico di Torino, Italy  
IEEE editor***09:40****Reporting of Reproducibility Issues in Science  
(15 minutes each + 15 minutes Q&A)***Christie Aschwanden  
Lead science editor  
FiveThirtyEight**Laura Helmuth  
Science editor  
Washington Post***10:25****Public Comments****10:45****End Public Session**