

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Committee on Reproducibility and Replicability in Science

Public Meeting
February 22-23, 2018

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

Public Sessions will be webcast and recorded via Zoom

DRAFT AGENDA
SUBJECT TO CHANGE

Thursday, February 22, 2018

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

12:00 Welcome and Introductions

Harvey Fineberg

Committee Chair and President of the Gordon and Betty Moore Foundation

12:15 Perspectives on Reproducibility and Replication: Scientific Societies

Leaders from scientific societies and organizations will speak on the following topics:

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

12:45 Overview of the Extent of Reproducibility Issues in Scientific and Engineering Research

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

- 1:45 **Reproducibility Issues in Computational Sciences and Statistics**
- 2:45 **BREAK**
- 2:45 **Reproducibility Issues in Computational Sciences and Statistics (Continued)**
- 3:25 **Reproducibility Issues in Economics, Political Science, and Psychology**
- 4:25 **Reproducibility Issues in the Physical Sciences and Engineering**
- 5:25 **Public Comments**
- 5:30 **Adjourn**

Friday, February, 23, 2018

Join from PC, Mac, Linux, iOS or Android: <https://nasem.zoom.us/j/275369777>

- 8:30 **Welcome**
Harvey Fineberg
Committee Chair and President of the Gordon and Betty Moore Foundation
- 8:45 **Reporting of Reproducibility Issues in Science**
- 9:30 **Public Comments**
- 10:00 **Adjourn**