



President's Council of Advisors on Science and Technology

Public Meeting Agenda

November 29, 2021

Virtual

(All times Eastern)

- 12:15 pm** **Welcome**
PCAST Co-Chairs: Frances Arnold, Eric Lander, Maria Zuber
- 12:20 pm** **Session 1: Advancing U.S. Biomanufacturing**
Moderator: Frances Arnold
1.A The Global Market
Speakers: Michael Chui, McKinsey Global Institute
Michelle McMurry-Heath, BIO
- 12:40 pm** **Q&A Discussion with Council**
- 1:00 pm** 1.B Key Technologies, Platforms, Regulatory Framework
Speakers: Gintaras Reklaitis, Purdue University and chair of 2021 NASEM report, *Innovations in Pharmaceutical Manufacturing on the Horizon*
Richard Murray, California Institute of Technology and chair of 2017 NASEM report, *Preparing for Future Products of Biotechnology*
Reshma Shetty, Gingko Bioworks
Jay Keasling, University of California, Berkeley
Doug Friedman, BioMADE
- 2:00 pm** **Q&A Discussion with Council**
- 2:30 pm** **BREAK**
- 2:45 pm** **Session 2: Ensuring a Vibrant Federal S&T Workforce**
Moderator: Maria Zuber
Speakers: Candice Wright, Government Accountability Office

Marie Bernard, National Institutes of Health

Bruce Rodan, Environmental Protection Agency

3:15 pm **Q&A Discussion with Council**

3:45 pm **Session 3: Overview of the National Nanotechnology Initiative**

Moderator: **Eric Lander**

Speaker: **Lisa Friedersdorf**, National Nanotechnology Coordination Office

3:55 pm **Q&A Discussion with Council**

4:15 pm **Public Comment**

4:25 pm **Closing Remarks**

PCAST Co-Chairs: Frances Arnold, Eric Lander, Maria Zuber

4:30 pm **Adjourn**