



Welcome to the  
NSF CISE-SBE Virtual Roundtable on  
Harnessing the Computational and Social  
Sciences to Solve Critical Societal Problems.

*Unless you are a presenter, please be sure to have  
your camera and audio muted.*





# Roundtable Background

Drawing from discussions of the advisory boards for NSF directorates of Computing and Information Science & Engineering (CISE) and Social, Behavioral, and Economics (SBE) including reciprocal sessions last Dec 2019.

Goal is to foster and scaffold collaborative scientific research in the computational and social-behavioral-economic spheres, to underscore the deep interdependence of technological and social systems, as well as to explore ideas to better the collaboration between these disciplines, academia and industry around data, science, and society.

Original plan was an 1.5 day, by invitation workshop in early May. Shifted to virtual roundtable.

Meeting discussions will still be reported to CISE and SBE advisory board mtg in early June



## The Good, the Bad, and the Ugly

The **Good**: Able to convene over 70 roundtable attendees, invited speakers, and NSF observers. Diverse esteemed participants

The **Bad**: Fewer opportunities for robust discussion. However, this meeting is one point in a series of interactions including one page submissions before and *after* the roundtable, today's presentations, moderated Q&A, and anticipated forums later this year.

The **Ugly**. Please see the Code of Conduct. Don't be ugly.



# Roundtable Rules of the Road (R3)

## Three Sessions

- One hour of presentations with brief Q&A after each presentation if time allows
- 30 minutes of discussion. Questions and comments gathered online via the Zoom chat and Slack “hallway” channel. Moderators will select and pose questions.
- We have two 30 minute breaks. Dash outside. Refill coffee. Move.
- Audio and Video reserved for speakers and moderators.
- Chatham House Rule.



# Thinking about Goals for Today

## Advise NSF

- What research should our communities undertake together? New programs?
- How to enable this research?
  - Anticipate barriers, scale efforts, articulate research infrastructure, describe needed partnerships and training)
- These themes are not new. Tremendous expertise in the room.
- Yet, we can do more, much more. How to get there?

## Keep the discussions going.

- One page responses open until this Friday.



# Opening Remarks by NSF Officials

## NSF OFFICIALS

Margaret Martonosi

*(Assistant Director, Computing and Information Science & Engineering Directorate)*

Skip Lupia

*(Assistant Director, Social, Behavioral, and Economics Directorate)*