

# Pandemic Research for Preparedness and Resilience (PREPARE): Building a Research Community for the Next Pandemic

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**PREPARE**  
Pandemic Research for  
Preparedness & Resilience

PREPARE is a NSF-funded virtual organization committed to fostering multi-sector collaborations, providing access to resources, and creating a research roadmap that identifies multi-disciplinary research directions to prepare ourselves for and recover from future pandemics.



### Steering Committee

We are grateful to the world-class researchers who make up our Steering Committee. Coming from academia, government, and the private sector, they represent 3 continents and decades of experience in building resilience. Their guidance keeps us on track to create the Roadmap.

### Partnership with NSF

We are working very closely with NSF to build a community of prepared and resilient researchers, ensuring the Roadmap for the next pandemic is relevant and realistic, but also encouraging multi-sector multi-discipline engagement.

### Collaboration

We are helping NSF build a community to foster collaborations that can lead to cutting-edge scientific developments by hosting topical workshops, panel discussions, and researcher-match episodes on our podcast, *Science Before the Storm*.

### Community

In order to make the greatest impact on preparedness and resilience, researchers across all sectors must be willing to actively work together, and PREPARE offers a forum for collaboration development, idea and resource sharing, and identification of future research directions.

### Workshops

While we initially targeted NSF CISE RAPID grant awardees, we quickly expanded our outreach efforts to include researchers from across sectors and disciplines - truly a global coalition. We know that an effective Roadmap must include input from diverse viewpoints and backgrounds. In addition to two large group workshops, we have explored: Data - Access, Creation & Maintenance; Social, Behavioral, Economic & Governance Issues during a Pandemic; and Scalable Computing.

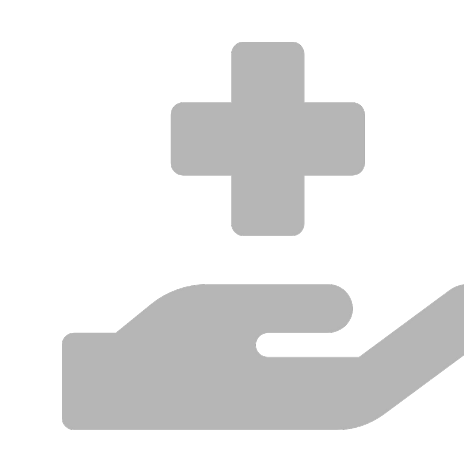
**Access to data continues to be a huge challenge to this community, and may impede the ability to optimize advances toward resilience and response.**

### Research Roadmap

The COVID-19 pandemic was a wake-up call to the need for a true community effort in fighting pandemics and other natural or man-made disasters. We must capture the lessons learned and identify the gaps and challenges to create a Roadmap for the next pandemic.

### Social Media

By using social media platforms like Anchor.fm to host our podcast interviews (*Science Before the Storm*), YouTube for informative and educational videos, and Twitter for timely engagement, we are able to reach a broad audience to communicate our efforts and gather input for the Roadmap. We've reached 1300+ people on YouTube and 450+ people through our podcast.

 **Join our community today to help us PREPARE for and fight the next pandemic.**  
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