

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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This material is based upon work supported by the National Science Foundation under Grants CNS-2041952 & CCF-1918656

