



# NIEHS Superfund Research Program (SRP)

**Michelle Heacock, Ph.D., SRP Director**

**Danielle Carlin, Ph.D., SRP Health Scientist Administrator**

**April 26, 2024**



# National Institutes of Health (U.S. Dept. of Health & Human Services)

## National Institutes of Health (NIH)



Bethesda, MD

## National Institute of Environmental Health Sciences (NIEHS) Superfund Research Program (SRP)



Research Triangle Park, NC

# SRP Mandates Drive the Program

*Integrating health and environmental/engineering sciences with emphasis in research translation, community engagement, data science, and training.*

Health Effects

- Advanced techniques to detect, assess, and evaluate the human health effects of hazardous substances

Assessing Risk

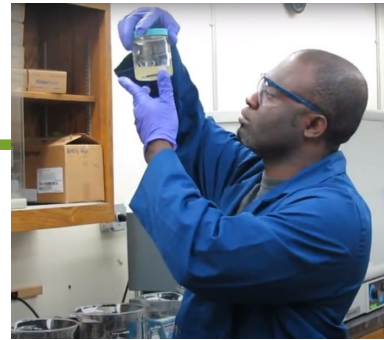
- Methods to assess the risks posed by hazardous substances on human health

Detection

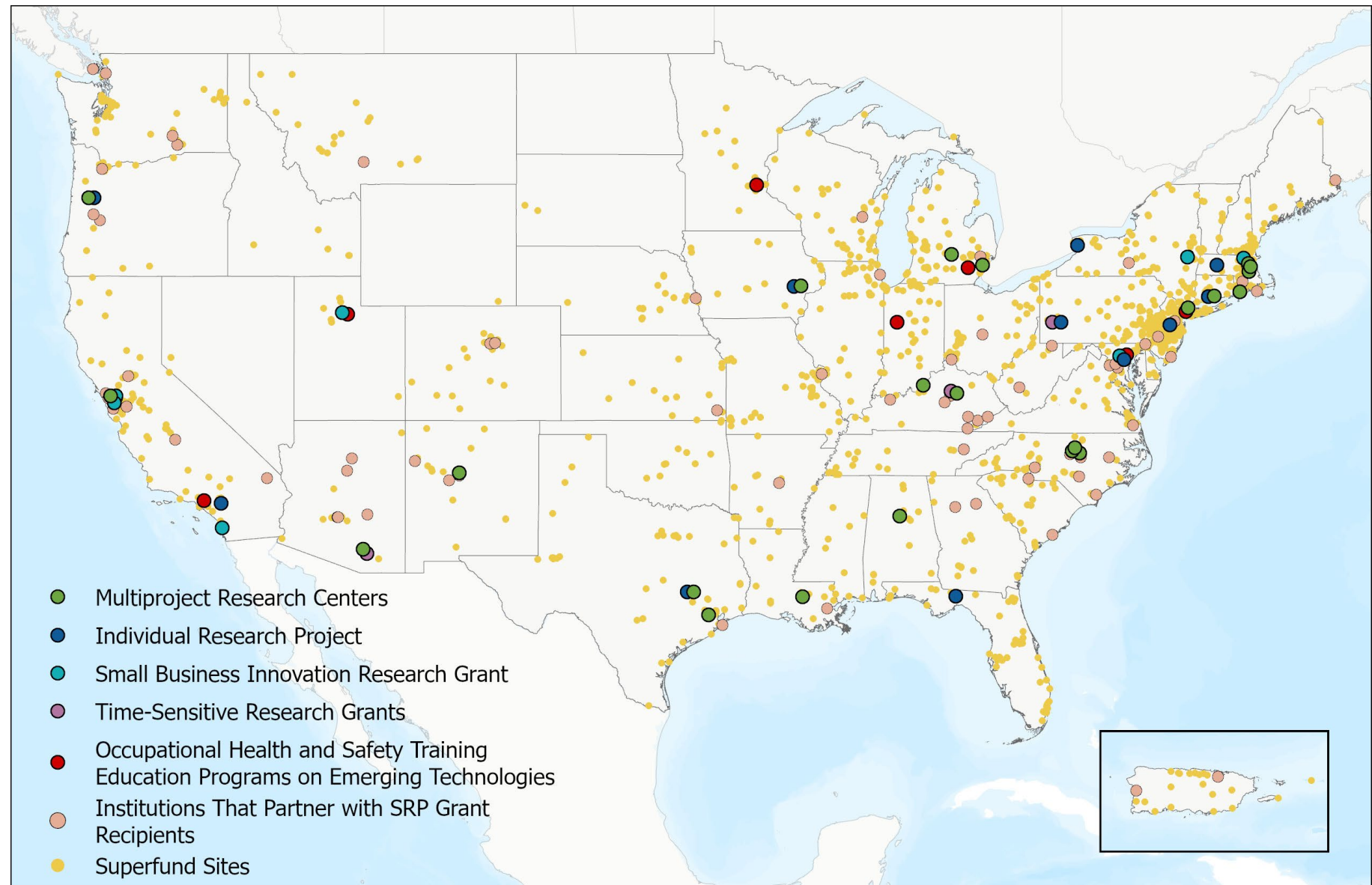
- Methods and technologies to detect hazardous substances in the environment

Remediation

- Basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances







To learn more, see the [Where We Work](#) and [SRP Funding Opportunities](#) webpages.

## Occupational Health and Safety Training Education Programs on Emerging Technologies (R25s)

- Train the next generation of professionals interested in researching, safely handling, and detecting hazardous substances:
  - Emerging technologies, like nanotechnology and novel disinfection technologies.
  - New environmental contaminants of concern, such as PFAS and harmful algal blooms.
  - Disaster response, in the face of climate change and public health emergencies.
- Provide research experiences and related education not available through formal training mechanisms.
  - Faculty mentoring, summer internships, field investigations, etc.



# SRP Progress in Research Webinar Series: Emerging Technologies in Occupational Health and Safety

## Session I

Friday, April 26, 1:00 – 3:00 PM ET

**Moderator:** Danielle Carlin, Ph.D.,  
NIEHS SRP

**Brian Pavilonis, Ph.D., CUNY &  
Homero Harari, Sc.D., Mount  
Sinai School of Medicine**

**Ellen Wells, Ph.D., Purdue  
University**

**Candace Tsai, Ph.D., UCLA**

## Session II

Friday, May 3, 1:00 – 3:00 PM ET

**Moderator:** Eric Persaud, Dr.P.H., NIEHS  
WTP

**Rachael Jones, Ph.D., UCLA**

**Gurumurthy Ramachandran,  
Ph.D., Johns Hopkins  
University**

**Stuart Batterman, Ph.D., University  
of Michigan & Kermit G. Davis,  
Ph.D., University of Cincinnati**

## Session III

Friday, May 17, 12:00 – 2:00 PM ET

**Moderator:** Sudha Pandalai, M.D., CDC  
NIOSH

**Cesar Bandera, Ph.D., Cell  
Podium**

**Darrah Sleeth, Ph.D., University  
of Utah & Rod Handy, Ph.D.,  
University of Utah**

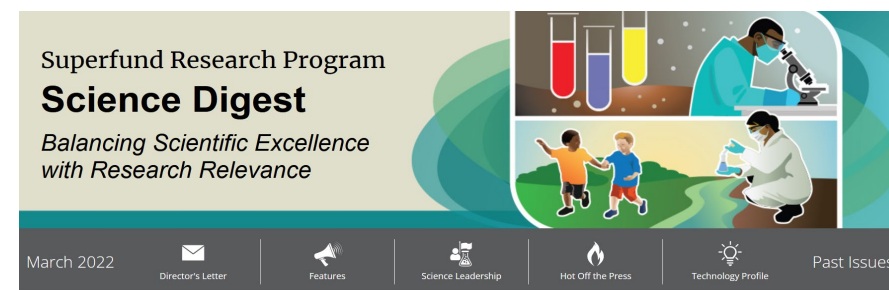
**Elizabeth Maples, Ph.D., CDC  
NIOSH**

<https://bit.ly/3UjUXge>



# Learn More About the SRP

- [SRP Website Homepage](#)
- [About SRP](#): More about our history and mandates
- [Public Health Impacts](#): Translational stories from basic science to impact
- [Training](#): More about our trainees, including award winners
- [Science Digest](#): Quarterly compilation of research, activities, and updates
- [Research Briefs](#): Monthly research publication highlight
- [Data Sharing](#): Dataset listing and data sharing resources
- [Risk e-Learning](#): Regular webinar series highlighting SRP research
- [Who We Fund](#): Includes lists of all currently funded grantees for each grant mechanism
- [What's New](#): Recent highlights and news from the program



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