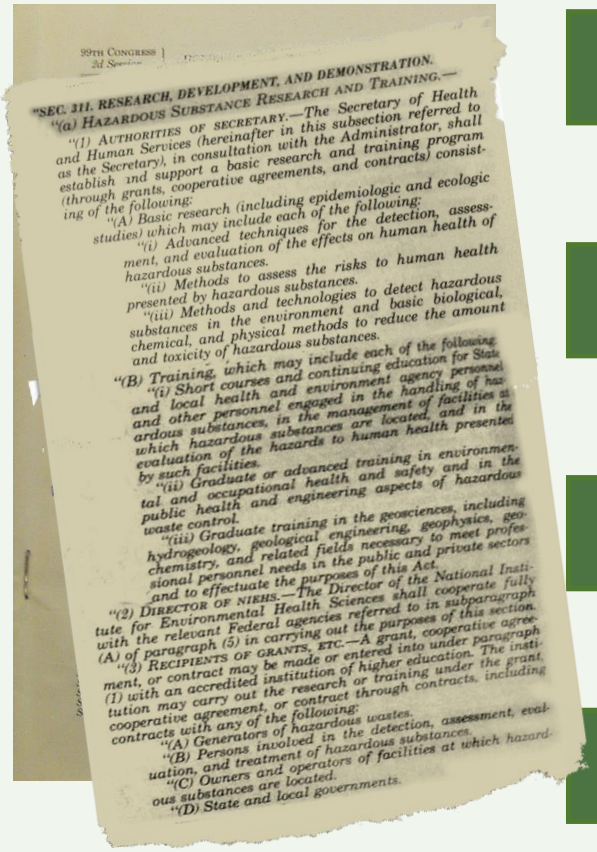
National Institute of Environmental Health Sciences
Your Environment. Your Health.

NIEHS Superfund Research Program (SRP)

Providing practical science-based solutions to protect human health.



"SEC. 311. RESEARCH, DEVELOPMENT, AND DEMONSTRATION.
"(a) HAZARDOUS SUBSTANCE RESEARCH AND TRAINING.—
"(1) AUTHORITIES OF SECRETARY.—The Secretary of Health and Human Services (hereinafter in this subsection referred to as the Secretary), in consultation with the Administrator, shall establish and support a basic research and training program (through grants, cooperative agreements, and contracts) consisting of the following:
"(A) Basic research (including epidemiologic and ecologic studies) which may include each of the following:
"(i) Advanced techniques for the detection, assessment, and evaluation of the effects on human health of hazardous substances.
"(ii) Methods to assess the risks to human health presented by hazardous substances.
"(iii) Methods and technologies to detect hazardous substances in the environment and basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances.
"(B) Training, which may include each of the following
"(i) Short courses and continuing education for State and local health and environment agency personnel and other personnel engaged in the handling of hazardous substances, in the management of facilities at which hazardous substances are located, and in the evaluation of the hazards to human health presented by such facilities.
"(ii) Graduate or advanced training in environmental and occupational health and safety and in the public health and engineering aspects of hazardous waste control.
"(iii) Graduate training in the geosciences, including hydrogeology, geological engineering, geophysics, geochemistry, and related fields necessary to meet professional personnel needs in the public and private sectors and to effectuate the purposes of this Act.
"(2) DIRECTOR OF NIEHS.—The Director of the National Institute for Environmental Health Sciences shall cooperate fully with the relevant Federal agencies referred to in subparagraph (A) of paragraph (5) in carrying out the purposes of this section.
"(3) RECIPIENTS OF GRANTS, ETC.—A grant, cooperative agreement, or contract may be made or entered into under paragraph (1) with an accredited institution of higher education. The institution may carry out the research or training under the grant, cooperative agreement, or contract through contracts, including contracts with any of the following:
"(A) Generators of hazardous wastes.
"(B) Persons involved in the detection, assessment, evaluation, and treatment of hazardous substances.
"(C) Owners and operators of facilities at which hazardous substances are located.
"(D) State and local governments.

Health Effects — Advanced techniques to detect, assess, and evaluate the human health effects of hazardous substances

Assessing Risk — Methods to assess the risks to human health presented by hazardous substances

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

Current SRP Funding Mechanisms

Multi-Project Centers (P42)

Designed to integrate basic and application-oriented research across disciplines:

- Biomedical and Environmental Science and Engineering research.
- Community Engagement, Research Translation, Data Science, and Training.

Occupational Training (R25)

Emerging issues in EHS training.

Time-Sensitive Grants (R21)

Research on unpredictable events with a limited window to collect samples or data.

ViCTER (R01)

Virtual Consortium for Translational Transdisciplinary Environmental Research for cross-disciplinary research.

Individual Research Projects (R01)

Designed to complement the multi-project research program by tackling specific issues of emerging concern for Superfund.

Small Business Research Grants (SBIR) (R43-44)

Commercializing technologies relevant to hazardous substance clean-up and monitoring.

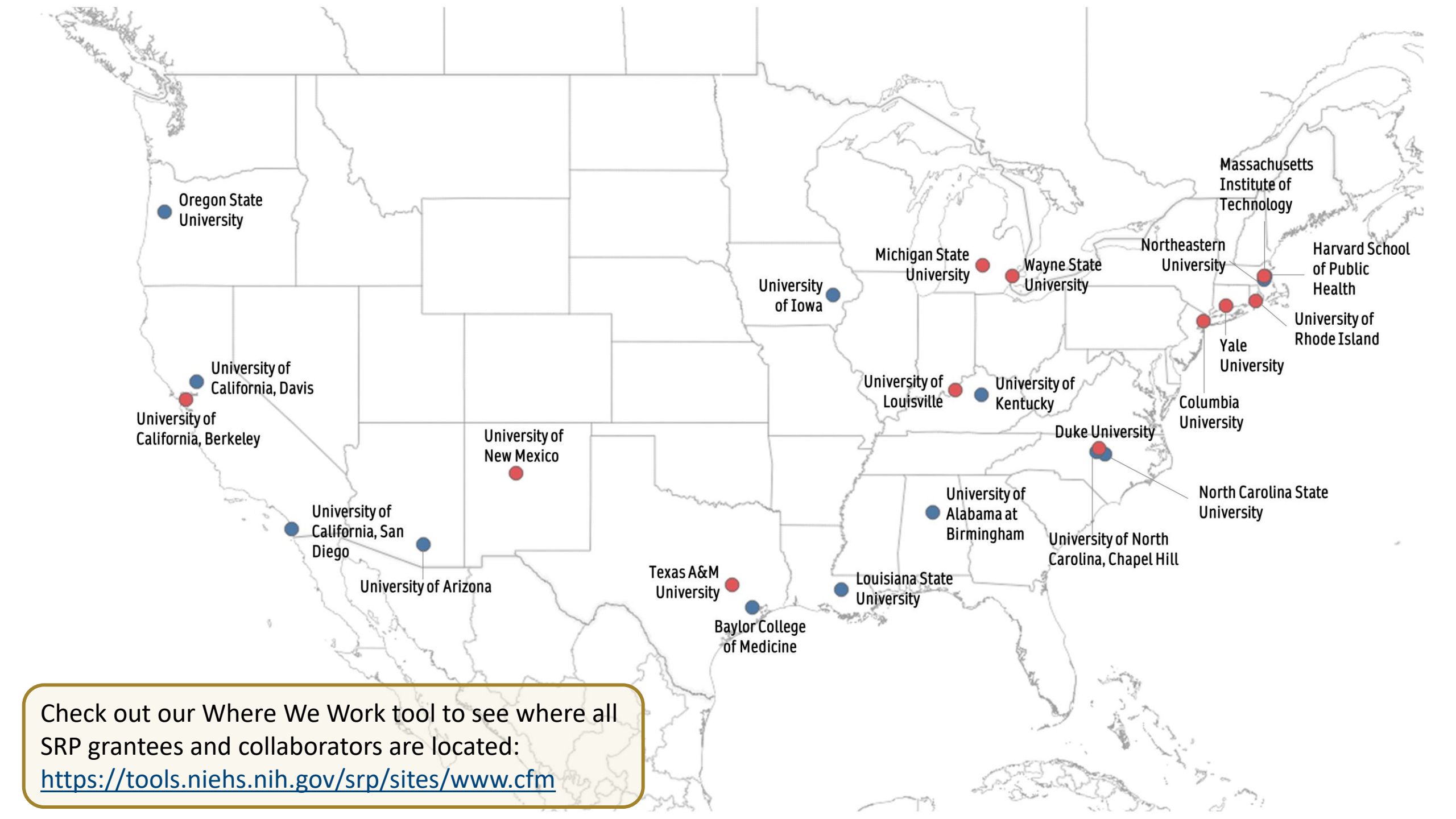
Conference Grants (R13)

Funding for conferences related to SRP mandates.

Supplement Awards

Trainee externships or work exchanges; technology transfer opportunities; data sharing; COVID-19.

Current and upcoming SRP funding opportunities: https://www.niehs.nih.gov/research/supported/centers/srp/funding/index.cfm



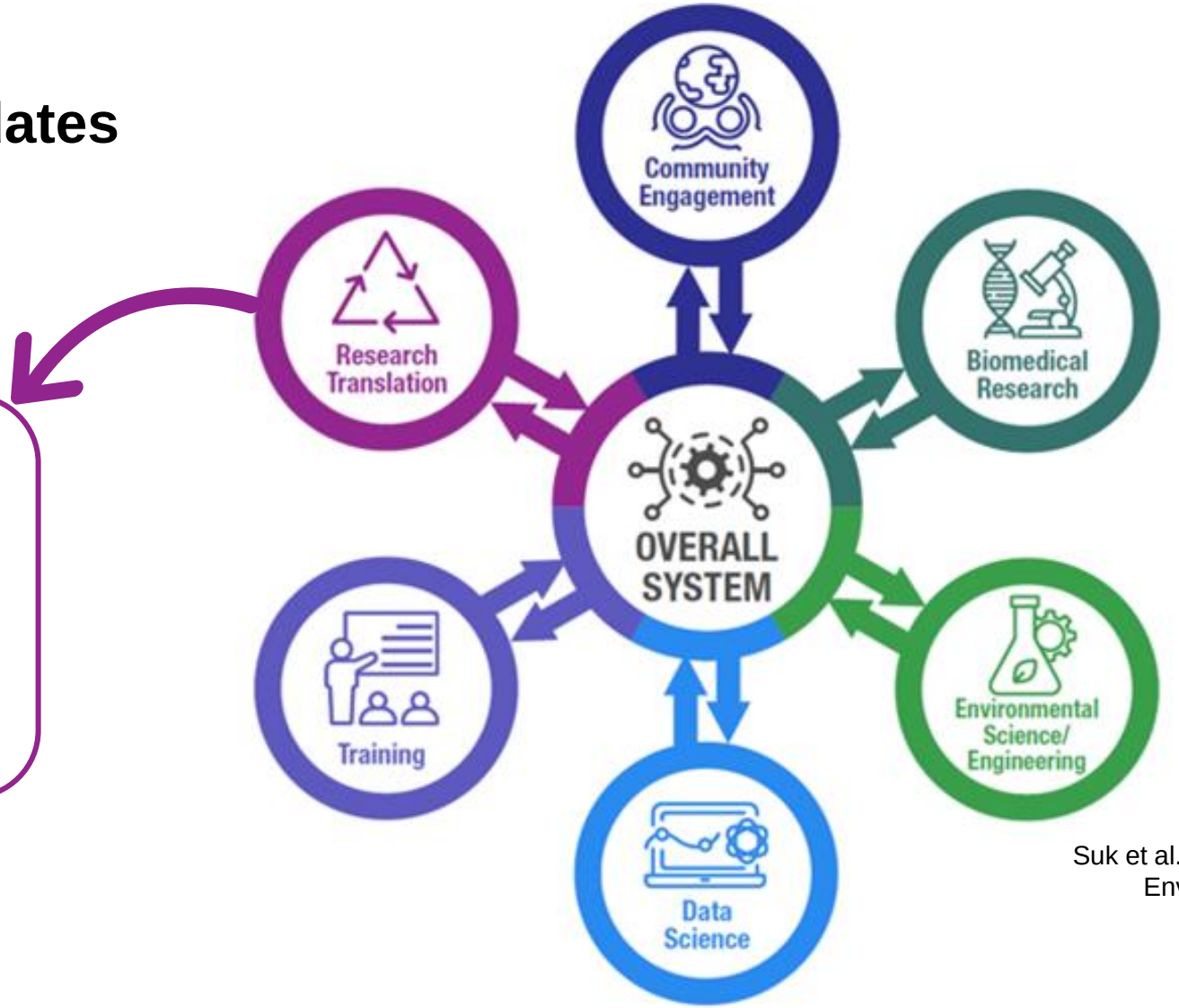
Check out our Where We Work tool to see where all SRP grantees and collaborators are located: https://tools.niehs.nih.gov/srp/sites/www.cfm

P42 Multi-project, Multi-component Centers

Multi-disciplinary Science: The Key to Meeting Our Mandates

Research Translation:

- Communication within SRP and to SRP staff
- Partnerships with Government Agencies
- Technology Transfer
- Information Dissemination to Other End-Users



Suk et al., 2020, Rev Environ Health

Learn more: niehs.nih.gov/srp

National Institute of Environmental Health Sciences
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Progress in Research Webinar Series

Facilitating a dialogue, enabling successful technology transfer

Session I – Emergencies and Emerging Contaminants, Friday, April 28, 2023, 12:00-2:00 PM ET

Presenters: Texas A&M University, Michigan State University, and Yale University SRP Centers.

Session II – Heavy Metals in Native American Communities, Friday, May 5, 2023, 12:00-2:00 PM ET

Presenters: University of New Mexico and Columbia University Northern Plains SRP Centers.

Session III – Environmental Justice and Emerging Contaminants, Friday, May 12, 2023, 12:00-2:00 PM ET

Presenters: Massachusetts Institute of Technology, University of California, Berkeley, and University of Rhode Island SRP Centers.

Session IV – Chemical Exposures Across the Life Course, Friday, May 19, 2023, 12:00-2:00 PM EDT

Presenters: Duke University, University of Louisville, and Wayne State SRP Centers.

Registration is now open for all four sessions: https://bit.ly/40HDG1g