



25 Years of the Superfund Research Program: Highlights and Hopes

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William A. Suk, Ph.D., M.P.H
Director, Superfund Research Program

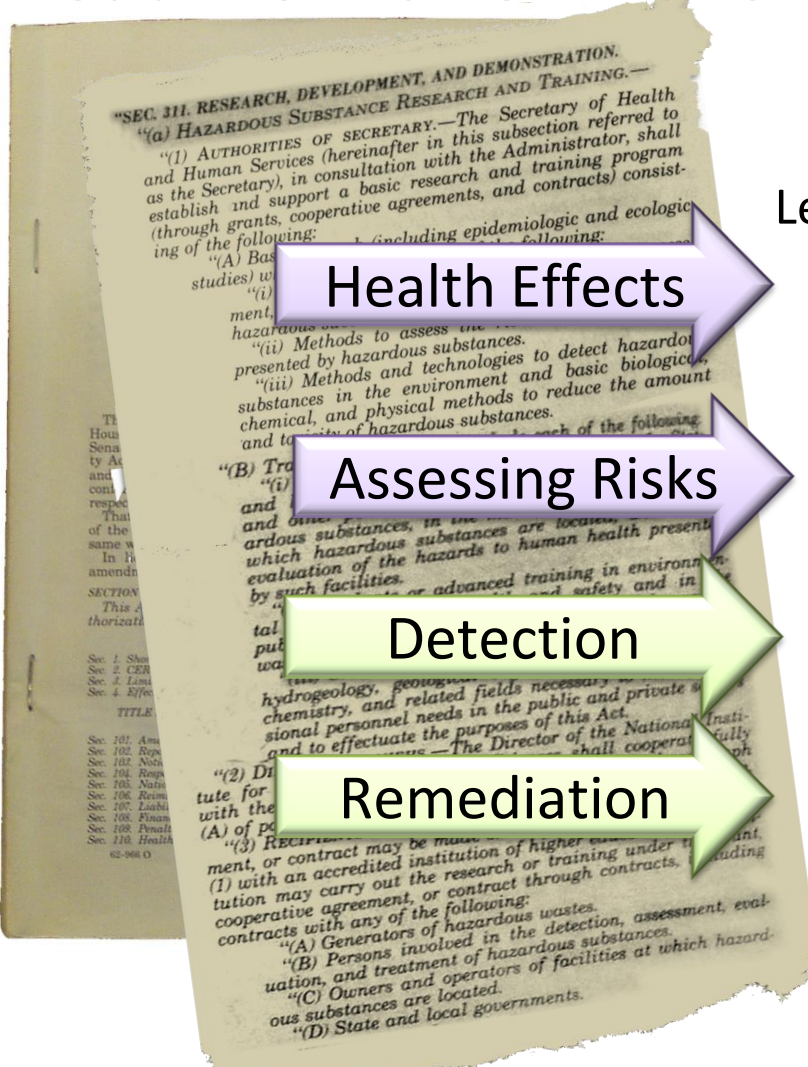
National Institute of Environmental Health Sciences



Statement of Mission

The purpose of the Superfund Research Program is to support, promote, and acquire fundamental scientific and engineering knowledge that advance society's understanding of human health risks from exposure to hazardous substances; development of innovative technologies for the prevention of such exposures; training of the next generation of scientists; and translation of results into applied research to be used for informing the risk assessment decision-making process. The intent within this interdisciplinary framework is the prevention of disease and the protection of human health.

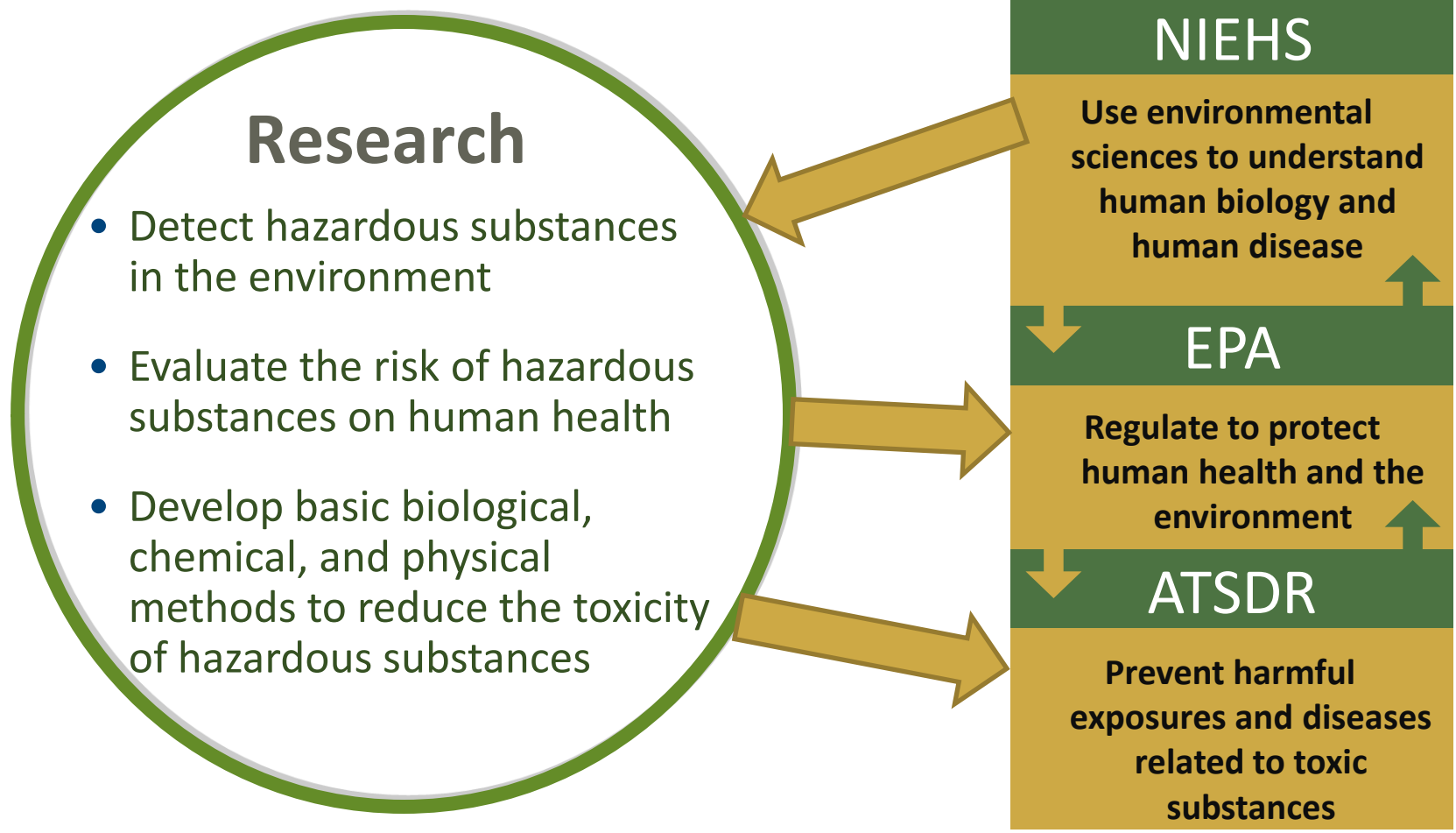
Superfund Amendments and Reauthorization Act of 1986



Legislative Mandates:

- Advanced techniques for the detection, assessment, and evaluation of the human health effects of hazardous substances
- Methods to assess the risks to human health presented by hazardous substances
- Methods and technologies to detect hazardous substances in the environment
- Basic biological, chemical, and physical methods to reduce the amount and toxicity of hazardous substances

NIEHS Superfund Research Program





SRP Funding Mechanisms

Small Business Innovative Research, SBIR (R43-44)

Small Business Technology Transfer Research, STTR (R41-42)

Foster the commercialization of technologies, products, and devices relevant to hazardous substance clean-up and monitoring.

Ongoing Funding Opportunity

Individual Research Project (R01)

Designed to address specific issues to complement the multi-project research program; tackle issues of emerging concern for Superfund. Current solicitation addresses bioavailability assays.

Request for Applications (Periodic)

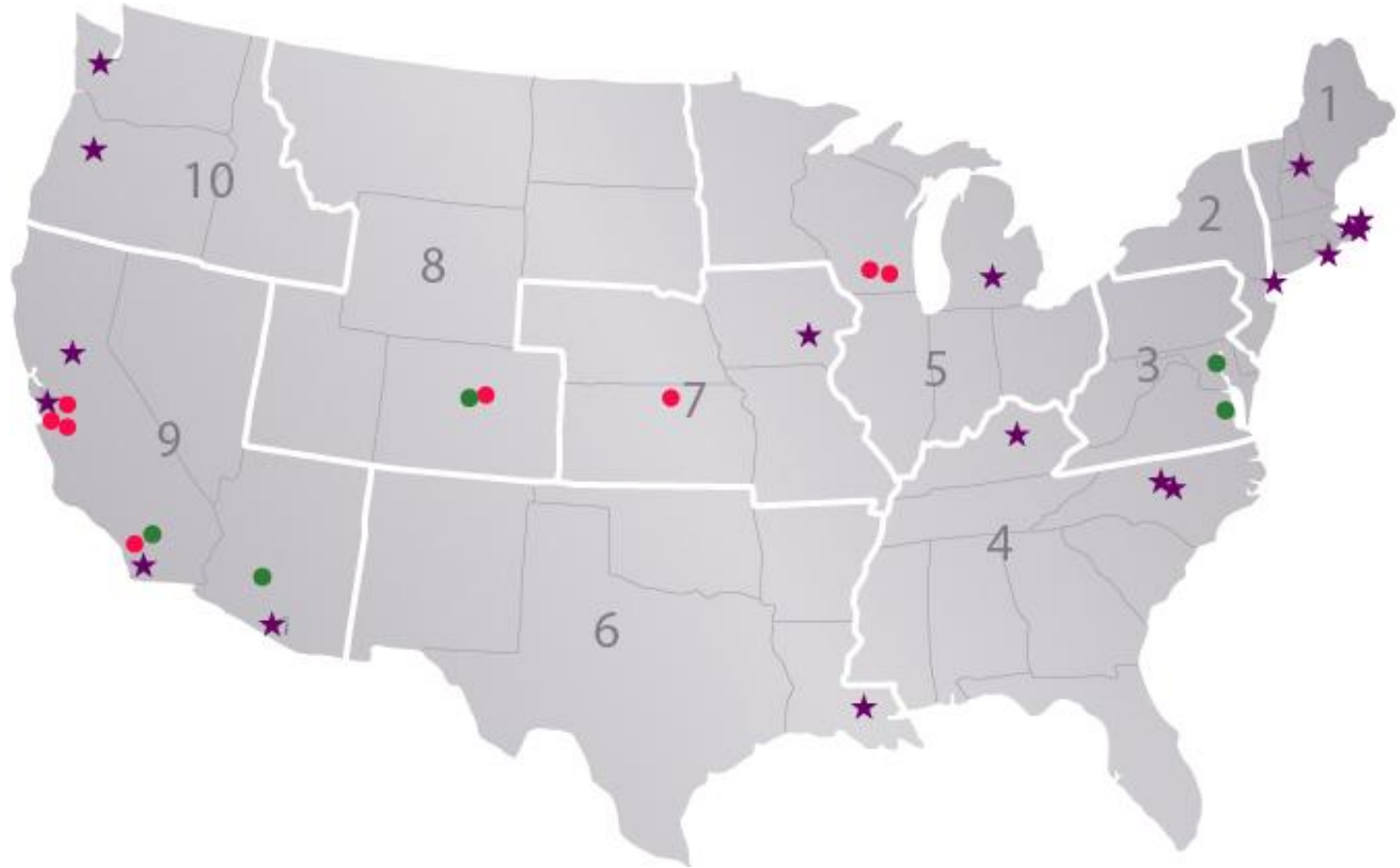
Multi-Project Centers (P42)

Designed for integration across disciplines: Biomedical and Non-Biomedical Research; Community Engagement, Research Translation, and Training. Basic and application-oriented.

Request for Applications (Annual)

Multi-Project Center Concept





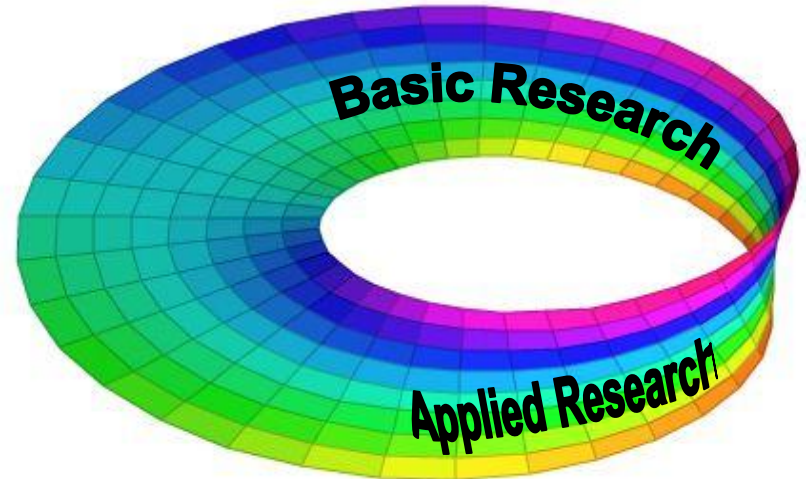
Legend:

- ★ **Superfund Research Program Centers** - The SRP currently funds 18 Multiproject Program Centers
- **Individual Research Projects** - The SRP currently funds 5 Individual Research Grants
- **Small Business Innovation Research (SBIR)/ Small Business Technology Transfer Research (STTR) Grants** - The SRP currently funds 8 SBIR/STTR Grants

Numbers on map indicate EPA regions

The SRP: An Accountable Enterprise

The evolution and maturation of hypothesis-driven basic research leads to increased opportunities for the translation of results into applied, "product-oriented" research that can be used for informing the risk assessment decision-making process.

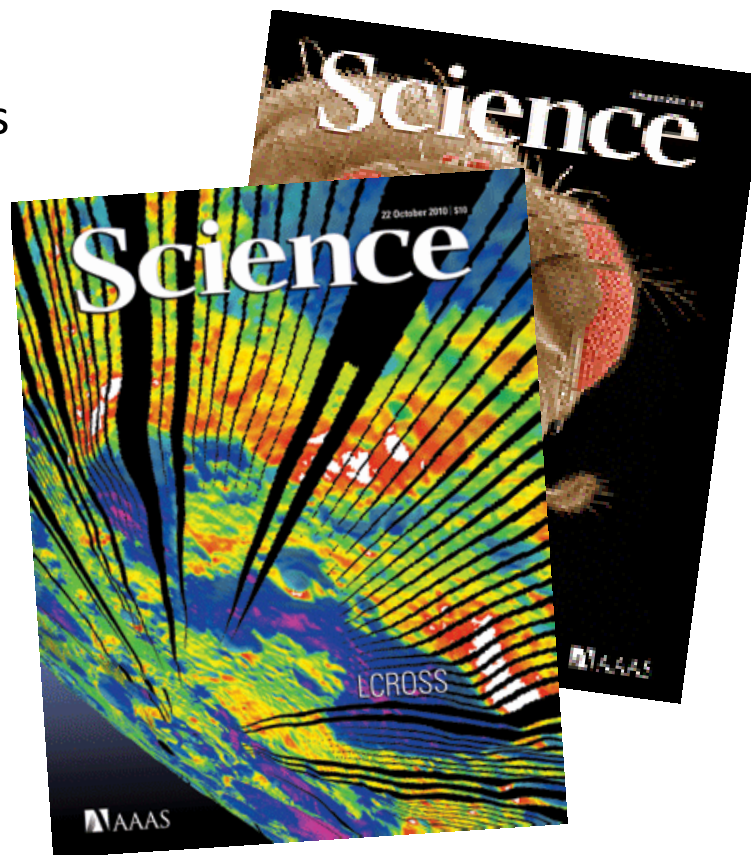


Research Products

- Over 8000 publications
- >90 patents and inventions
- Enrichment materials (fact sheets, videos)
- Research Briefs
- Webinars
- Workshops
- Conferences

○ supporting the PBC

~20 years





Superfund Research Program



The Ultimate Goal of SRP is the Protection of Human Health

