



SRP Website Demo: Website Tools and Data Entry

SRP Annual Meeting
November 2010



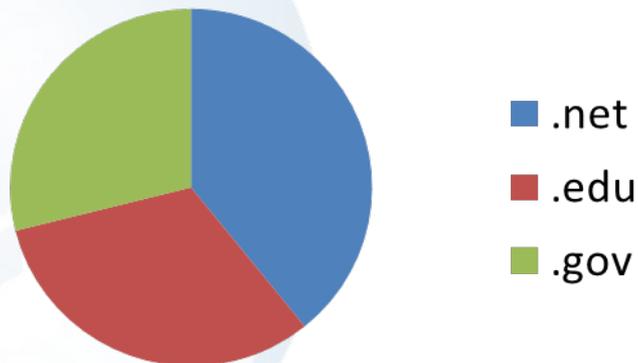
NIEHS
National Institute of
Environmental Health Sciences

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

SRP Web Statistics

- ~8000 pages
- 7474 publications
- 190 Research Briefs
- Annual updates for every Project and Core since 1995
- On average, ~200 site visitors each day

SRP Website Visitors



Homepage Additions

- Boxes highlighting new/important features
- Quick links
- Updated menu structure
 - Pages re-named to increase clarity
 - Re-organized to improve site navigation
 - New tools and media: share button, podcasts
 - New RTC tool: Data Collection



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Superfund Research Program

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The Superfund Research Program (SRP) is a network of university grants that are designed to seek solutions to the complex health and environmental issues associated with the nation's hazardous waste sites. The research conducted by the SRP is a coordinated effort with the Environmental Protection Agency, which is the federal entity charged with cleaning up the worst hazardous waste sites in the country.

The SRP is federally funded and administered by the [National Institute of Environmental Health Sciences](#), an institute of the [National Institutes of Health](#).

SRP Funding Opportunities

The Request for Applications for the Multiproject Program Grant (P-42) was released October 29, 2010. The application deadline is April 15, 2011. For more information please refer to the [Multiproject Program Grants](#) web page.

The [Small Business Innovation Research/Small Business Technology Transfer Research \(STTR\) Grant solicitation](#) is released in early spring of each year and has 3 receipt dates: April 5, August 5 and December 5.

[SRP Funding Opportunities web page](#)

2010 Strategic Planning

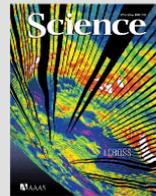
SRP program staff have finalized the [Strategic Plan](#) (365 KB). The draft was posted in the Federal Register for comments, submitted to the 2009 External Advisory Panel for review, and presented at the September 2010 NAEHS Council meeting.

The Strategic Plan was drafted in response to recommendations of the National Institute of Environmental Health Sciences' Superfund Research Program (SRP) 2009 External Advisory Panel, to provide direction to achieve its mandates described in [SARA Section 311\(a\)](#) (63 KB). In addition to mandates, SRP considered the input from a web-based survey and a series of face-to-face meetings with stakeholders.

Additional information is available on the [2010 Strategic Planning web page](#)

SRP Researchers Featured in Science

Dr. Stephen Rappaport and Marilyn Smith, from the University of California-Berkeley Superfund Research Program, published a perspective in the October 22, 2010 edition of *Science* magazine. The article, entitled "Environment and Disease Risks", asserts that a more complete picture of environmental exposure is needed in order to help epidemiologists discover the major causes of chronic diseases.



For more details see our [news page](#)

Student Success Stories

Allison Cohen is committed to reducing both the environmental injustices and educational inequalities experienced by those living in disadvantaged urban communities. The Superfund Research Program at Brown University is pleased to have provided her with ample opportunity to get started.



Find out more about [Allison](#) and other SRP [student success stories](#)



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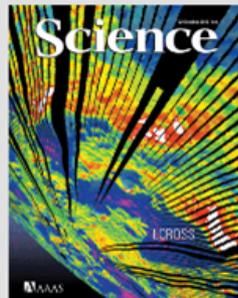
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Materials for Grantees



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Materials for Grantees

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Superfund Research Program

This page contains information intended to assist SRP Grantees. The following links provide information intended to aid in Conference Support Requests, Annual Updates, etc.

2010 Karen Wetterhahn Memorial Award Nominations

- The Wetterhahn Memorial Award recipient will be announced at this year's SRP [annual meeting](#).
- The 2010 nomination deadline was August 20th.
- [Guidelines for Nominations](#) (56 KB).

IRIS Web Seminar

U.S. EPA's Integrated Risk Information System (IRIS) (1.3 MB) Web Seminar



Presented by: Dr. Xabier Arzuaga, U.S. EPA/ORD/NCEA

The [SRP Student/Postdoc/Alumni Network \(SPAN\)](#) is pleased to announce a webinar presented by Dr. Xabier Arzuaga, a toxicologist and risk assessor with the US EPA's Integrated Risk Information System (IRIS). Dr. Arzuaga, an SRP alumnus, focused on how basic science research (and researchers) can be used for IRIS health assessments.

The webinar was held on October 19, 2009, from 1-2 pm EDT.

Dr. Arzuaga's [presentation](#) (1.3 MB) is available for download.

For more information please contact [Heather Henry](#).

Research Translation Cores

- [SRP Research Translation/Community Engagement Data Collection Form](#)

Conference Support Requests

- There are two deadlines each year for Conference Requests: **February 20 and July 11**
- Guidelines for Requesting [SRP Conference Support](#) (34 KB)
- [Suggested Topics for SRP-Supported Conferences](#) (24 KB) (Effective 21 February 2007)
- To be eligible you must be a Superfund Research Program grantee (P42 or R01)

SRP Annual Meetings

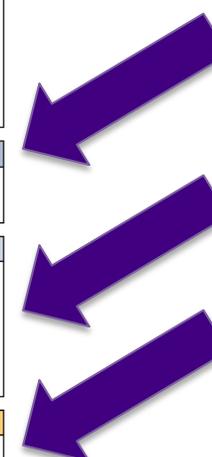
The 2010 annual meeting will be hosted by Oregon State University November 11-12 2010.

For more information and to register for the meeting visit their [website](#).

Past Meetings

RELATED LINKS

- » [NIEHS SRP Program Contacts](#)
- » [Opportunities for Students](#)
- » [Karen Wetterhahn Memorial Award](#)
- » [SRP Funding Opportunities](#)



Materials for Grantees



SRP Research Translation/Community Engagement Data Collection Form

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Welcome to the RTC/CEC Data Collection Form!

Thank you for taking the time to efforts to provide this information. It is important to us as we prepare program materials, work to support your efforts to collaborate, and consider new initiatives.

We hope that you will find the form to be easy to use. If you have questions about content, please contact Beth Anderson (tainer@niehs.nih.gov; 919-541-4481). If you have questions about the form, or suggestions for improvements, contact Maureen Avakian (avakian@niehs.nih.gov; 919-794-4701).

SRP RTC/Community Engagement Data Collection Form

⊕ indicates required field

Program/Project Selection(s)

To begin, click on the name of your program from the drop-down list below. An additional drop-down box will appear, with the names of the projects and cores in your program. You can select more than one project.

Program: ⊕

Tool/Output

Please submit outreach, education, and translation materials that your program has created to the PEPH Resource Center at <https://connect.niehs.nih.gov/peph>.

If you need an NIH/EXT account to access the PEPH Resource Center, or have questions about the Resource Center, please contact Lynn Albert (albert2@niehs.nih.gov; 919-794-4709).

Activities

Activity Type:



Publications and Patents



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Grantee Publications

Superfund Research Program

This library serves as a database of grantee-authored publications from both currently funded and previously funded programs dating back to 1995. Use the search tools below to find SRP-funded publications organized by grantee, year, or keyword.

Note: Keyword searches are ONLY available for publication titles and authors.

Search By Grantee

Search By Year

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National Institute of Environmental Health Sciences – National Institutes of Health

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Research Brief 187

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Research Brief 187

Superfund Research Program

Chronic Arsenic Exposure Linked to Increased Mortality Rate

[View Research Brief as PDF](#) (435 KB)

Release Date: 07/07/2010

Background: Arsenic contamination of drinking water is a significant, worldwide public health issue. In Bangladesh alone, an estimated 35-77 million people depend on well water contaminated with arsenic at concentrations ranging from ≤ 10 $\mu\text{g/L}$ to more than 2,500 $\mu\text{g/L}$.

Arsenic is a potent carcinogen, and arsenic exposure has been linked to toxic effects in the liver, skin, kidney, and the cardiovascular system as well. There have also been studies suggesting an association between long-term arsenic exposure via drinking water and increased mortality rates from chronic diseases. However, the latter studies are inconclusive as they rely on retrospective analysis (which introduces errors in exposure measurement) and group-level data (which requires individual-level inferences based on aggregate data).

To investigate health issues related to chronic arsenic exposure, Dr. Habibur Ahsan and a multidisciplinary team of researchers established Health Effects of Arsenic Longitudinal Study (HEALS). HEALS, which involves nearly 12,000 adults living in Arahazar, Bangladesh, was created in 2000 as part of the Columbia University NIEHS-funded Superfund Research Program, under the leadership of Dr. Joseph Graziano, and provides a valuable resource for the exploration of associations between arsenic exposure and a variety of health outcomes. For example, utilizing data from the HEALS cohort, Dr. Ahsan and his colleagues found that arsenic exposure via drinking water is associated with increased incidence of skin lesions, even at concentrations less than 100 $\mu\text{g/L}$. This study provided important evidence for arsenic toxicity and potential effects at low exposure levels.

Advances: Significantly, HEALS examines a wide range of arsenic concentrations and health outcomes. After identifying the study cohort, the researchers tested arsenic levels in the 5,966 tube wells used by the participants. Approximately 23% of the wells contained less than 10 $\mu\text{g/L}$, the US EPA's maximum contaminate level (MCL) for drinking water. Nearly 21% of the wells contained 10.1 - 50 $\mu\text{g/L}$; ~31% of the wells contained 50.1 - 150 $\mu\text{g/L}$; and ~25% of the wells contained 150 - 864 $\mu\text{g/L}$.

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[subscribe/listen via iTunes](#) [download](#) (12.5 MB), [Transcript](#) (53 KB)



A child pumping low arsenic water at a newly installed deep, low-arsenic well.

The Columbia University SRP has made several important discoveries related to arsenic contamination of



SRP Funding Opportunities



National Institute of Environmental Health Sciences – National Institutes of Health

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Superfund Research Program

This page provides information on current and upcoming SRP funding opportunities, as well as basic information for those interested in applying for SRP grants.

- **Multiproject Program Grants (P42)** - Grants made under the SRP will be for coordinated, multi-project, multi- and interdisciplinary programs. The objective remains to establish and maintain a unique Program that links and integrates biomedical research with related engineering, hydrogeologic, and ecologic components. Grant awards are made in response to request for applications (RFA). The 2010 Request for Applications (RFA) was released on October 29, 2010 and applications are due by April 15, 2011.
- **Individual Research Grants (R01)** -The Individual Research Project Program is designed to address specific issues that complement the multi-project research programs, meet high priority research needs of the national Superfund Program or tackle issues of emerging concern. Grants awarded under this mechanism will be for discrete, single projects. Grant applications are solicited and awards made in response to this Funding Opportunity Announcement (FOA). The current FOA was released on November 4, 2010 and closes February 17, 2011.
- **Small Business Innovation Research / Small Business Technology Transfer Research (SBIR / STTR) Grants (R43 / R41)** - These grants are awarded to foster the commercialization of technologies, products and devices developed by the SRP and others. Application receipt dates are April 5, August 5 and December 5. If interested in applying, please contact Heather Henry, (919) 541-5330.



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111 T.W. Alexander Drive, Research Triangle Park, NC USA 27709



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- Fate and Transport
- Health Effects
- Media-Specific Research
- Modeling
- Remediation
- Risk and Exposure Assessment
- Susceptible Populations

SRP Search

Superfund Research Program

The SRP has two tools to help you learn more about the projects funded by the Program.

Search SRP by Keywords

The **Search SRP by Keywords** tool allows you to search SRP information (program and project summaries, progress reports, Research Briefs, and publications) for keywords or names.

Simply type in your keyword, click in the checkboxes to choose the content you would like to search, and click on the Search button. You can get additional information by clicking on the Search Tips link.

Search Term

- Research Briefs People
- Programs and Projects Progress Reports
- Publications

[Search Tips](#)

Note: Results from these search tools are restricted to SRP webpages. Use the NIEHS search tool, located in the page banner, for NIEHS-wide search results.



Search SRP Projects by Topic

The **Search SRP Projects by Topic** tool allows you to find projects related to specific topics.

Use the drop down box below to select a topic and click Go. This will open a page with subtopics to allow you to refine your search.

Select Research Topic



What's New



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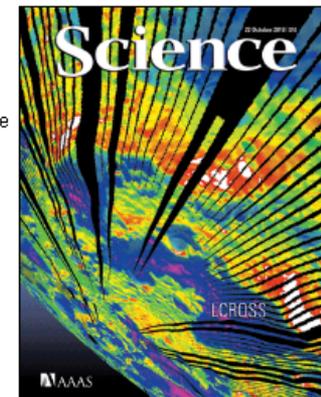
Superfund Research Program

October 28, 2010 **NEW**

SRP Researchers Featured in *Science*

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To read the entire article, visit the [Science](#) magazine website.



October 15, 2010

SRP Workshop Yields Two Special Issues of Academic Journals

A 2008 Superfund Research Program-funded (SRP) workshop has yielded special issues of *Environmental Science and Technology* and *Environment International*. The workshop, "New Knowledge Gained from Old Pollutants", provided scientists from around the world with the opportunity to meet and discuss the physical, chemical, and biomedical aspects of the detection, movement, metabolism, toxicity, remediation, and risk assessment of polychlorinated biphenyls (PCBs).

The November 2010 edition of [Environment International](#) (Vol. 36, Issue 8) contains seventeen articles, as well as introductory and state of the science articles. *Environmental Science and Technology* released a Special Focus issue earlier this year, [PCB Sources, Exposures, and Toxicities](#) (Vol. 44, Issue 8). It has twenty papers, guest commentary, and summary articles. Summaries and abstracts from the workshop are available on the [SRP website](#).

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Questions?

If you'd like an advanced tutorial,
feel free to ask!

