

HEADLINES**SRP Well Represented at the SOT Meeting**

SRP grantees from all over the country gathered in Phoenix, AZ, for the [SOT meeting](#) March 23-27. It was nice to see such strong SRP representation in the poster sessions and SRP staff enjoyed seeing and meeting many of you at the conference!

SRP Program Administrator Danielle Carlin chaired two interesting workshops during SOT: "New Concerns and New Science Addressing Environmental Asbestos Exposures" and "Developmental Toxicity from Chemical Mixtures: Research to Application in Susceptible Populations." Thanks to all who were involved or attended these sessions!

SRP grantees also received awards during the meeting. MSU SRP grantee Jay Goodman was awarded the SOT Merit Award at the meeting, an award presented to a member of SOT in recognition of distinguished contributions to toxicology throughout an entire career. Columbia SRP Director, Joe Graziano, was chosen as recipient of the 2014 Career Achievement Award from the Metal Specialty Section of the SOT and was honored with a special reception during the SOT meeting. A [paper](#) by OSU SRP grantees was also chosen by a committee of the Risk Assessment Specialty Section of the SOT as one of the Best Papers Published in 2013 - Demonstrating Application of Risk Assessment. The paper and the award were featured during the SOT annual meeting.

It was great to see so many SRP grantees at the meeting and congrats to all the award winners and presenters!

Join us for the 2014 Trainee Webinar Series

This webinar series features the outstanding work being conducted by graduate and postdoctoral students conducting SRP-funded research. This year's series consists of presentations from poster award winners from the previous SRP Annual Meeting and is an excellent opportunity for peers, SRP researchers, SRP alumni, and SRP's partners to hear the trainees describe their current research/activities. The intent of the series is to increase collaboration and exchange of ideas among young investigators conducting SRP-funded research/activities and to learn about their award-winning work.

Session I: Featuring Minghui Gui (University of Kentucky) and Fabian Grimm (University of Iowa), **April 15, 2014; 1:00 – 2:00 pm EDT**, [Registration](#).

Session II: Featuring Jing Sun (Columbia University) and Peter Wagner (Harvard University), **April 30, 2014; 1:00 – 2:00 pm EDT**, [Registration](#).

Session III: Leslie Knecht (University of Miami) and Daniel Gusenleitner (Boston University), **May 13, 2014; 1:00 – 2:00 pm EDT**, [Registration](#).

For more information, visit the [SRP trainee webinar page](#).

Risk e Learning Webinar Series: PCBs in Schools

The NIEHS SRP invites you to join us for a two part Risk e Learning Webinar series on PCBs in Schools. This webinar series focuses on polychlorinated biphenyls (PCBs) in schools and features SRP grantees, as well as EPA and international partners.

Session I - PCBs in Schools: Overview and Exposure Assessment

April 21, 2014, 2:00 - 4:00 p.m. ET

Registration: [Clu-in Training & Events Web page](#)

Session II – PCBs in Schools: Identifying and Reducing Health Risks

April 28, 2014, 2:00 - 4:00 p.m. ET

Registration: [Clu-in Training & Events Web page](#)

**EMPLOYMENT
OPPORTUNITIES****ExxonMobil Biomedical Sciences,
Inc. - Toxicology Internship**

ExxonMobil Biomedical Sciences, Inc. (EMBSI), located in Clinton, New Jersey, is accepting applications for a summer Toxicology Internship in the Toxicology & Environmental Sciences Division. EMBSI is a wholly owned subsidiary of the ExxonMobil Corporation and has more than 100 human health, environmental, and product stewardship experts positioned globally to provide integrated support to ExxonMobil businesses.

Applications for the summer internship program are requested by April 15 but may be considered after that date. For more information, see the [internship announcement](#).

**Professor and Chair –
Bioengineering Department at
Northeastern**

Northeastern University's College of Engineering seeks outstanding candidates for the position of Chair of Bioengineering. This is a unique opportunity to significantly impact the vision and direction of a new program in a world-class research university.

Building on existing strengths, Northeastern University has recently formed the Bioengineering Department. The Chair will be expected to provide a vision to direct the hiring of faculty, the creation of research foci, and the development of educational curricula. Qualified candidates will have demonstrated strategic vision through leadership of a well-established, well-funded and internationally recognized research program, as well as demonstrated excellence and significant experience in teaching (a minimum of five years) at both the undergraduate and graduate level. A doctoral degree in Bioengineering or another closely related field is required. For more information, visit the [Northeastern jobs page](#). Position is open until filled.

**Senior Contract and Grant Officer
position at UC Berkeley**

The University of California, Berkeley, is inviting candidates to apply for an upper level full time continuing position in their Sponsored Projects Office (SPO), the central office at UC

The first session will provide an overview of PCBs and the issue of PCBs in the environment, particularly in schools, will discuss the sources and levels of PCBs in indoor environments, and will discuss human exposure to PCBs, routes of exposure, and reducing exposures. The second session will focus on mechanisms of PCB toxicity, evaluating the noncancer health risks from inhaled PCBs, and provide an international perspective on PCB inventory, remediation, and outcomes.

Registration is free. More information regarding the presentation titles and abstracts as well as a recorded archive of the webinar can be found on the SRP PCBs in Schools [webpage](#).

IN THE NEWS

SRP in the Environmental Factor

This month, the NIEHS E-Factor featured six stories about the SRP and its grantees! Take a moment to read about some of our colleagues' latest activities.

- [Workshop advances arsenic research and prevention](#)
- [Spirit Lecture features UNC Chancellor Carol Folt](#)
- [UNC Superfund scientists study effects of Dan River coal ash spill](#)
- [Duke and UNC SRP scientists connect with journalists](#)
- [Lecture highlights flame retardants](#)
- [Silicone wristbands facilitate exposome study](#)

New Paper by Halden Discusses Need to Regulate Triclosan and Triclocarban

Rolf Halden, an SRP individual research project grantee from Arizona State University, compiled evidence in a new [feature article](#) published in the journal Environmental Science & Technology that shows how decades of widespread use of antimicrobials has left consumers with no measurable benefits. Worse yet, lax regulation has caused widespread contamination of the environment, wildlife and human populations with compounds that appear more toxic than safe, according to recent scientific research. The article presents a timeline of scientific evidence and regulatory actions in the U.S. related to these chemicals, and a potential path forward to judicious and sustainable uses of synthetic antimicrobials, including the design of greener and safer next-generation alternatives. The research was also featured in [ScienceDaily](#).

What an interesting and timely review, Rolf!

Columbia SRP Study in Maine Suggests Arsenic in Drinking Water could Lower IQ

Columbia SRP scientists and collaborators at the University of New Hampshire recently completed a five-year study of 272 schoolchildren in Maine who had been exposed to arsenic in well water. They found that even at low levels, 5 or more parts per billion, the exposure could correlate to lower intelligence, as much as five to six points on IQ tests. The [article](#) was published in the journal Environmental Health in its April 2014 edition. Columbia SRP scientist Gail Wasserman is the lead author under the guidance of Joe Graziano. This is the first study to show a significant difference in IQ points in the U.S. based on water arsenic levels. See the [Portland Press Herald](#) for more about the findings.

Great work, Columbia - What an exciting yet frightening article!

Brown SRP Co-Hosts Risk Communication Workshop

Brown SRP partnered with the Northeast Waste Management Official's Association (NEWMOA) to host a workshop on communicating risk to the public March 27 and 28. Workshop attendees were comprised mostly of NEWMOA members with jobs related to hazardous waste, solid waste, waste site cleanup, emergency response, pollution prevention, and underground storage tank programs. The workshop consisted of presentations made by representatives from other SRP centers who offered their expertise.

Brown SRP RTC State Agencies Liaison Jim Rice discussed social, psychological, and economic considerations when communicating risk, followed by Kim Boekelheide, the Brown SRP Center Director, who gave an overview of toxicology to help inform risk communication. Dartmouth SRP RTC Coordinator Laurie Rardin discussed controlling and managing your message to the public, Brown CEC co-investigator Bob Vanderslice presented a case study in risk communication, and Boston SRP RTC leader Madeleine Scammell presented on the process for risk communication planning.

Successful workshop, Brown SRP! It was so nice to see other SRP Centers involved as well!

Berkeley responsible for pre-award and non-financial post-award contract and grant administration for sponsored projects supported by government, foundation, and non-profit extramural sponsors. The position requires a bachelor's degree and at least three years of pre-award research administration experience, preferably within a University setting.

To apply, visit the [UC Berkeley jobs page](#). Choose the appropriate portal and search for position 17478. Position is open until filled.

Biology Research Positions at NIEHS

The National Institute of Environmental Health Sciences is recruiting for multiple full-time appointments at either the tenure-track or tenure-eligible level in the areas of molecular and cellular signaling, neuroscience, and developmental or reproductive biology. The successful candidates are expected to lead innovative, independent research programs on any fundamental aspect of research in the above three areas of interest which form a basis for understanding the effects of the environment on human health. Investigators in the NIH intramural program have no formal teaching duties and minimal administrative responsibilities.

The vacancies will remain open until they are filled. Visit the [NIEHS website](#) for more information.

Assistant Professor in Environmental Health – University of Iowa Department of Occupational and Environmental Health

The University of Iowa, College of Public Health invites applications for a tenure track faculty position at the level of Assistant Professor in Environmental Health with an emphasis in water and global sustainability. The successful candidate for this position will be expected to participate actively in an ambitious new multidisciplinary initiative in sustainability as well as teach courses, direct graduate thesis research, and develop an extramurally funded research program. Applicants must hold a PhD or other doctorate in a relevant science or engineering field.

Position is open until filled. For more information and to apply, visit the [Iowa Job posting](#), requisition #63494.

CURRENT RESEARCH BRIEF

Research Brief #232: "[Understanding the Movement of Inhaled PCBs in the Body](#)" (Peter Thorne, Iowa SRP) is available online.

Past [Research Briefs](#) are available on

Museum of Science Podcast Features Boston SRP Grantees

Susan Heliman of the Museum of Science Boston, a research translation partner of the Boston SRP, interviewed Boston SRP trainee Olga Novikov and SRP deputy director David Sherr earlier this month. The investigator trainee duo discussed their SRP research on environmental chemicals and breast cancer as part of the Museum's Current Science and Technology podcast series. Listen to the free podcast [online](#) or on [iTunes](#). The research discussed in the podcast has been incorporated into the Museum's "[Afternoon Report](#)" live presentation for the month of April.

Nice research translation, Boston SRP!

Bellinger Featured in Article in The Atlantic

Harvard SRP Center Director David Bellinger was featured in a recent article in [The Atlantic](#) on chemicals that threaten human brains. The article discusses Bellinger's work from a 2012 [paper](#) on prenatal pesticide exposure and IQ. According to the article, Bellinger compared intelligence quotients among children whose mothers had been exposed to these neurotoxins while pregnant to those who had not. Bellinger calculates a total loss of 16.9 million IQ points among U.S. children 0-5 years of age from exposure to organophosphates, the most common pesticides used in agriculture. The article also discusses a wide range of chemicals that are studied by SRP grantees.

Northeastern's Open Classroom Features SRP Researchers

On February 26th, in collaboration with the [Museum of Science Boston](#), Boston SRP grantee Mark Hahn and Northeastern SRP grantee and former Arizona SRP trainee Monica Ramirez-Andreotta presented a lecture on water quality and impacts on human and environmental health. A video recording of Dr. Hahn's and Dr. Ramirez-Andreotta's presentation is available [online](#).

The seminar was part of The Myra Kraft Open Classroom at Northeastern University's School of Public Policy and Urban Affairs. Each semester, Open Classroom selects one graduate-level seminar and opens it up to the entire campus and public-at-large to attend for free.

What a great collaborative outreach event, Monica and Mark!

Sedlak Interviewed on Living on Earth Public Radio Segment

UC Berkeley SRP grantee David Sedlak was interviewed on the Public Radio International Living on Earth Program. Sedlak discussed how increasing population density and changing weather patterns stress our cities' water supply, but developing technologies offer positive changes and investments to conserve this most vital resource in coming years. Sedlak, author of *Water 4.0: The Past, Present, and Future of the World's Most Valuable Resource*, discusses future water infrastructure with host Steve Curwood. Visit the [Living on Earth website](#) to hear the segment!

TRAINEE SPOTLIGHT

Birgit Claus Henn, Harvard University SRP

Birgit Claus Henn recently transitioned from a Harvard SRP trainee to a Research Associate in the Harvard SRP! Claus Henn was a post doc with the Harvard SRP Center since the fall of 2010 until last October, when she was awarded an NIH Pathway to Independence Award (K99/R00) to examine metal mixtures, sensitive developmental windows, and children's neurodevelopment. She now continues her work with Harvard SRP to explore exposures to pollutants in the environment, mainly metals, and their impact on children's health.

Claus Henn is working to answer critical questions about children's health, all while balancing being a mom to two young girls. Claus Henn understands the importance of putting research studies into a real life context. This is why she has expanded her research to study the relationships of chemical mixtures, rather than individual chemicals, on the body. Humans do not live in a laboratory, exposed to one chemical at a time, but rather are exposed to multiple chemicals on a daily basis. Therefore, looking at the overall effects of multiple exposures creates a more realistic and holistic picture of these interactions.

Claus Henn's research is focused on implementing novel statistical tools to make sense of the relationship between mixtures of four or five metals with neurodevelopmental outcomes. She also plans to interface directly with metals toxicologists in the hope of understanding how epidemiologic and toxicologic data can complement one another to



the SRP's website.

To receive the monthly Research Briefs in your e-mail, please send your e-mail address to beth.anderson@nih.gov.

If you have ideas for future Research Briefs, please submit them to: beth.anderson@nih.gov.

SRP SUPPORTED EVENTS

2014 Trainee Webinar Series

Dates:

April 15, 2014, 1:00 – 2:00 pm ET

April 30, 2014, 1:00 – 2:00 pm ET

May 13, 2014, 1:00 – 2:00 pm ET

Online

[Website](#)

Webinar Series Viewing on Impacts of Natural Gas Extraction on Water Resources

Co-Hosted by the Harvard School of Public Health SRP

Dates:

April 17, 2014, 12:00-1:30 p.m. ET

May 1, 2014, 12:00-1:30 p.m. ET

June 26, 2014, 12:00-1:30 p.m. ET

Location: Boston, Massachusetts

[Website](#)

Risk e Learning: PCBs in Schools Session I: Overview and Exposure Assessment

Date: April 21, 2014, 2-4 pm ET

Session II: Identifying and Reducing Health Risks

Date: April 28, 2014, 2-4 pm ET

Online

[Website](#)

The Central and Eastern European Conference on Health and the Environment

Date: May 25-30, 2014

Location: Cluj-Napoca, Romania

[Website](#)

The Eight International PCB Workshop

Date: October 5-9, 2014

Location: Woods Hole, Massachusetts

[Website](#)

14th International Congress on Combustion By-Products and their Health Effects

Co-Sponsored by the Louisiana State University SRP

Date: June 14-17, 2014

Location: Umeå, Sweden

[Website](#)

SRP Annual Meeting (Save the dates!)

Date: November 12-14, 2014

Location: San Jose, California

OTHER CONFERENCES OF INTEREST

Community-Campus Partnerships

more fully characterize effects of combinations of metals.

Claus Henn recently published a [review](#) in the journal Current Opinion in Pediatrics summarizing the literature examining chemical mixtures and pediatric health outcomes, with an emphasis on metal mixtures. She was also awarded the 2014 Michael Shannon Research Award by the Academic Pediatric Association.

When Claus Henn is not at work, she's spending time outdoors with her family. A fun fact about Birgit is that she's run up Mt. Washington, which is the highest peak in the Northeastern United States, with an elevation of 6,288 feet and a 19% maximum grade!

HOT PUBLICATION

Measuring Microbial PCB Dechlorination

SRP-funded researchers led by Kevin Sowers from the University of Maryland – Baltimore County (UMBC) successfully demonstrated that microbial PCB dechlorination occurs at environmentally relevant PCB porewater concentrations. In the [study](#), published in Environmental Science and Technology, the researchers developed a method to measure the rate of dechlorination in the aqueous phase at very low concentration levels and discussed why bioaugmentation for weathered PCBs works. Using passive sampler data combined with congener analysis, the researchers envision developing models for predicting the effectiveness of bioaugmentation treatment by measuring the porewater concentration at a site.

Interesting work, UMBC!

AWARD WINNERS

OSU SRP Trainee Leah Chibwe wins ACS ENVR 100th Anniversary Emerging Leader Award

In the spirit of the 100th Anniversary of the Division of Environmental Chemistry of ACS, a "Women in Environmental Science and Engineering" Symposium will highlight advances and pioneering efforts made by women in the field. This symposium will feature keynote and invited presentations from top women in the field. As part of the symposium, OSU SRP trainee Leah Chibwe was selected as an ACS ENVR Emerging Leader Awardee. During the awards ceremony at the 248th ACS meeting in San Francisco, Chibwe will have the opportunity to introduce herself to the ENVR and ACS Community in the presence of well-established researchers. Leah Chibwe will be present at both the WIESE Symposium and SciMix Poster session to be held on Monday, August 11 at the meeting.

Congratulations, Leah!

UC Davis Investigators Receive DoD Award

UC Davis grantees Alan Buckpitt and Bruce Buchholz were awarded a 1 year \$100,000 grant from the Department of Defense to provide a mechanistic basis for assessing the risks of naphthalene exposure to human populations. They are doing this by determining the ability of fresh non-human primate tissues to generate naphthalene metabolites that bind to DNA using ultrasensitive and highly specific assays (HPLC-AMS). These mechanistic studies will provide solid evidence for or against a mechanism of action for naphthalene related to disruption or breakages of chromosomes in rodent and non-human primate respiratory tissues. The preliminary experiments used to apply for this grant were supported by the UC Davis Superfund Research Program.

Congratulations Alan and Bruce!

CALL FOR ABSTRACTS

The Eighth International PCB Workshop: PCBs in Schools, Exposures, Effects, Remediation and Regulation

A primary objective of the PCB Workshops is to provide a unique, single forum for the world experts on issues of analysis, fate and transport, exposure assessment, metabolism and disposition, toxicity, and public health policy to come together and learn from each other. The Eighth International PCB Workshop in 2014 will include presentations on basic aspects of PCB chemistry, biology and toxicology, as well as a new emphasis on specific sites that are highly contaminated, including New Bedford Harbor, Indiana Harbor, and the issue of PCBs in schools. There will be broad input from scientists both within and outside of the Superfund Research Program.

The Workshop will take place in Woods Hole, MA. **October 5-9, 2014**. Abstract submissions close on **July 25, 2014**. Visit the [PCB Workshop website](#) for more information and to register.

for Health Conference

Date: April 30-May 3, 2014
Location: Chicago, Illinois

[Website](#)

SETAC Asia Pacific and Australasia Conference

Date: September 14-17, 2014
Location: Adelaide, South Australia

[Website](#)

UPDATES FROM OTHER SRP CENTERS

The e-Posted isn't the only way you can find out about news and events from the SRP Centers. The [SRP Grantee Newsletters and Pages website](#) has links to SRP Center electronic newsletters and Facebook pages and the [SRP News Page](#) has recent grantee news. Check them out to see the latest SRP news!

JOIN THE @SRP_NIEHS KNOWLEDGE NETWORK ON TWITTER

NIEHS uses Twitter, an increasingly popular social media tool, for information sharing. A "microblogging" service, Twitter allows users to distribute substantive content through messages called Tweets. SRP has escalated its Twitter posts and hope that you will join us as a follower. You will get routine Program updates and announcements.

Several SRP Centers are leading the way, and it would be great if all participated! Follow us: [@SRP_NIEHS](#) to instantly hear about news around the Program, key publications, events, and job opportunities for trainees.

CONTACT INFORMATION

Information on NIEHS SRP Program Contacts can be found here: [NIEHS SRP Program Staff and Contacts](#).

SBIR/STTR Funding Opportunity

The 2014 Omnibus Grant Solicitations of the NIH, CDC, FDA and ACF are now available for the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs (NIH only).

Please note that applicants may now switch between the SBIR and STTR programs for the Omnibus solicitation and all NIH SBIR/STTR funding opportunity announcements (FOAs). For more information and to learn about the SRP areas of interest for SBIR/STTRs, visit the [SRP website](#).

Please find the 2014 SBIR/STTR Omnibus solicitations for more information: SBIR: [PA-14-071](#) and STTR: [PA-14-072](#). **The next application receipt due date is April 5.**

SRP Multi-Project Center Grant Opportunity (P42)

The NIEHS is announcing the continuation of the Superfund Hazardous Substance Research and Training Program, referred to as the SRP. SRP Center grants will support problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative, community engagement, research translation, training, and research support functions. The application deadline is **April 10, 2014**. Visit the [SRP website](#) for more information, including an archive of the informational webinar in January and frequently asked questions.

Brownfields Training, Research, and Technical Assistance Grants Request for Proposals

The US EPA is requesting proposals from eligible entities, including nonprofit organizations and educational institutions, to conduct research, or provide technical assistance to communities facing brownfields cleanup and revitalization challenges.

Proposals are due by **April 18**. Visit the [EPA Request for Proposals](#) for more information.

Environmental Health Sciences Core Centers FOA Released

This [Funding Opportunity Announcement](#) invites applications from qualified institutions for support of Environmental Health Sciences Core Centers (EHS CC). An EHS CC is designed to establish leadership and support for programs of excellence in environmental health sciences by providing scientific guidance, technology, and career development opportunities for promising investigators.

A Core Center Grant is an institutional award to support centralized scientific resources and facilities shared by investigators with existing research projects. By providing structure and resources, this support is intended to enhance the ability of scientists working in the field of environmental health sciences to identify and capitalize on emerging opportunities that will translate into advances improving the understanding of the relationships among environmental exposures, human biology, and disease.

Applications are due April 22, 2014 by 5:00 pm local time. Visit the [funding announcement](#) for more information.

CDC Health Impact Assessment for Improved Community Design

The Center for Disease Control and Prevention (CDC) is providing funding for health impact assessments to increase the capacity of public health departments to include health considerations in transportation and land use planning decisions, and to expand the scope of health impacts considered when making decisions that impact community design. See the [CDC Grant Opportunity](#) for more information. Applications are due **April 28**.

Centers for Children's Environmental Health Funding Opportunity

The National Institute of Environmental Health Sciences and the Environmental Protection Agency intend to publish a joint Funding Opportunity Announcement (FOA) to solicit applications for [Children's Environmental Health and Disease Prevention Research Centers](#). The purpose of this program is to support a multidisciplinary program of applied and basic research along with an active community outreach translation effort to examine and translate the effects of early exposure to environmental hazards on children's health and wellbeing.

[This Notice](#) is being provided to allow potential applicants sufficient time to develop meaningful collaborations and responsive projects and cores. The FOA is expected to be published in spring 2014 with an expected application due date in summer 2014.

WEBINARS

NIEHS to Host Virtual Forum on Autism and the Environment

April marks National Autism Awareness Month, and to help raise awareness NIEHS is hosting a Virtual Forum on Autism and the Environment. The virtual forum will be webcast live on **Tuesday, April 22 from 2:00 - 3:00 p.m. ET**, and will feature a panel discussion and Q&A session on autism spectrum disorders and the environment. The panel of experts includes:

- Linda Birnbaum, NIEHS/NTP
- Alan Brown, Columbia University
- Irva Hertz-Picciotto, UC Davis MIND Institute
- Cindy Lawler, NIEHS
- Avi Reichenberg, Ichan School of Medicine at Mount Sinai, and Seaver Center for Autism Research and Treatment
- Heather E. Volk, Keck School of Medicine, and Saban Research Institute, Children's Hospital Los Angeles

Visit the [NIEHS website](#) for more information.

PEPH Webinar: Assessing Population Vulnerability to Climate Change

Certain populations are particularly vulnerable to the health effects of climate change, including children, pregnant women, the elderly, individuals from disadvantaged socioeconomic backgrounds, and those living in urban or coastal areas.

The PEPH webinar, "Assessing Population Vulnerability to Health Impacts of Climate Change," will describe ongoing research focused on assessing factors that may mediate increased risks among select vulnerable populations. The webinar will be held **April 25, 2014, 1:00 - 2:00 pm ET**. To register, visit the [PEPH registration website](#).

INTERAGENCY NEWS

NIEHS Request for Information (RFI) on Input and Development of a Language Standard for EHS

The NIEHS announces the release of a Request for Information (RFI) for "Input on Development of a Language Standard for Environmental Health Sciences". Please share this opportunity for input with your colleagues. The RFI is number [NOT-ES-14-004](#) on the NIH Guide.

The purpose of this RFI is to solicit comments and ideas to guide the development and implementation of a common language standard for environmental health data and associated metadata. The generation of data continues to increase at an exponential rate, yet application of semantic web approaches has the potential to increase discovery. NIEHS is asking for your input through this RFI to inform the beginning of this important work. All responses must be submitted via email to EHSDataShare@nih.gov by April 11, 2014. For more information, see the [NIEHS RFI notice](#).

National Indoor Environments Program: Reducing Public Exposure to Indoor Pollutants

EPA has issued a Request for Applications for demonstration, training, outreach and/or education cooperative agreements that will have a national scale impact to reduce exposure to indoor air contaminants and yield measurable environmental outcomes. Program priority areas include: radon, indoor environmental asthma triggers, and multiple indoor air quality contaminants.

Applications are due **April 21, 2014** by 4:00 pm ET. Visit the [EPA Request for Applications](#) for more information.