



We wish you all the very best this holiday season. It's been a great year. Here are some recent highlights.

## New Technology Tracks Carcinogens As They Move Through the Body

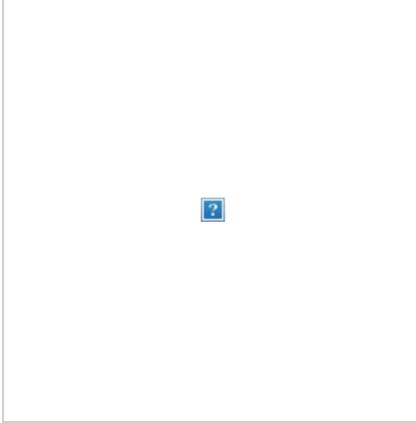
An [OSU Press Release](#) highlighted our latest publication, which led to further stories and sharing on social media.

This latest research breakthrough highlights the collaborative work and partnerships we have with the Pacific Northwest National Lab and Lawrence Livermore National Lab.

"Knowing how people metabolize PAHs may verify a number of animal and cell studies, as well as provide a better understanding of how PAHs work, identifying their mechanism or mechanisms of action," said Bill Suk, director of the NIEHS Superfund Research Program.

**Journal Article**  
[Human in Vivo Pharmacokinetics of \[14C\]Dibenzo\[def,p\]chrysene by Accelerator Mass Spectrometry Following Oral Microdosing](#)

*Chemical Research in Toxicology*



Trainee Erin Madeen with Dr. David Williams, Project 1 Leader.

**Other media coverage included our local paper:**  
[Taking a deeper look: Technology tracks carcinogens in the body](#)

**Photo Credit:**  
Andy Gripe, Corvallis Gazette Times

## Childhood Asthma Pub Receives Lots of Press

A collaborative paper involving the OSU SRP Community Engagement Core and Research Translation Core brought attention to the link between air pollution from gas stoves, parents' behavior when operating gas stoves, and respiratory issues.

Kile ML, Coker ES, Smit E, Sudakin D, Molitor J, Harding AK.  
[A cross-sectional study of the association between ventilation of gas stoves and chronic respiratory illness in U.S. children enrolled in NHANESIII](#). Environ Health. 2014 Sep 2;13(1):71. PMID: PMC4175218

**OSU [Press Release](#)**

The article ranked #10 all time for Environmental Health articles (97th percentile for Environmental Health and 98th percentile for all journal articles), in terms of access and re-posting on Blogs, Social Media and other online outlets. Media that picked up the article includes: The Nation's Health from APHA, Medical Daily, University Herald, Science World, Valley Parent Magazine, Latino's Health, and many others.



Photo Credit: Oregon State University

## Community Engagement Core (CEC) Highlights

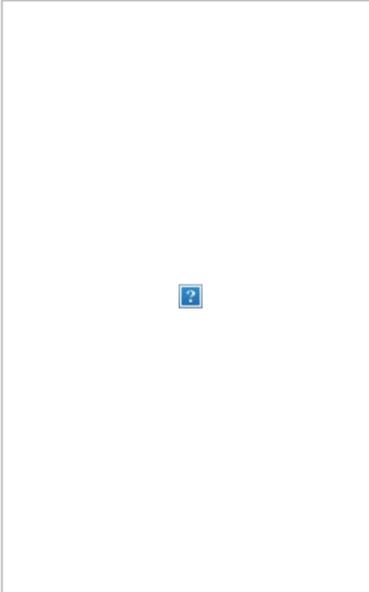
The CEC wrapped up the year by sharing a newsletter summary of their research projects. Learn more about the core activities, smoked fish metabolism study, passive sampling and butter clams study, and ways we work well in partnership with the Confederated Tribes of the Umatilla Indian Reservation (CTUIR).

**[CTUIR-OSU Partnership: 2014 Update \(pdf\)](#)**

### 2014 Fidalgo Bay Science Conference Participation

The Samish Indian Nation invited Blair Paulik (OSU SRP Project 4 Trainee) and Diana Rohlman (OSU SRP CEC Coordinator) to the 3rd annual Fidalgo Bay Science Conference on October 23, 2014.

> **[More Information](#)**



## Recent Awards and Appointments

- **Molly Kile** (CEC) was elected to the Executive Council for the [International Society for Environmental Epidemiology](#).
- **Kim Anderson** (Core D and Project 4) will serve on the [Oregon Air Toxics Science Advisory Committee](#).
- **Kim Anderson** (Core D and Project 4) will serve on the National Academies (National Academy of Sciences, National Academy of Engineering, Institute of Medicine and National Research Council) Advisory Board for the [Gulf Research Program](#).
- **Justin Teeguarden** (Core B) and **Robert Tanguay** (PI and Project 3) will serve on a National Academies and National and Research Council "[Committee on Incorporating 21st Century Science into Risk-Based Evaluations](#)"
- **David Williams** has been appointed as a permanent member of the [Systemic Injury by Environmental Exposure \(SIEE\) Study Section](#) for the NIH Center for Scientific Review, for a term beginning September 1, 2014 and ending June 30, 2017.

## Trainee Updates

### Congratulations

**Oleksii Motorykin** for receiving his PhD in Chemistry. He now works with the CDC.  
**Scott Fontaine** for receiving his MS in Chemistry

### New Grant Award Supports Trainee-Initiated Integrative Projects

**Erin Madeen** recently became the first recipient of a Trainee-Initiated Collaboration (TrIC) grant from the Training Core.

Erin will receive \$2500 for travel and lodging to work with Ulrike Luderer MD, PhD, a Reproductive Toxicologist and expert in polycyclic aromatic hydrocarbon (PAH) Benzo(a)pyrene (BaP) induced female infertility at UC Irvine.

> **[More information](#)**

## Upcoming Events

**6th Annual EMT Research Day 2015**  
**Keynote Speaker:** Dr. Nathaniel Scholz,  
NOAA Northwest Fisheries Science Center  
**January 8-9, 2015**

**LaSells Conference Center, OSU**  
It's free with lunch, but you must register. All welcome!  
**[Registration and Information](#) | [Flyer](#)**

**2015 Environmental Health Science Trainee Colloquium Webinar**  
**12 noon, Third Thursday of Each Month**  
(except February will be the 4th Thursday)  
**January 15, 2015 (Presenters: Pamela Noyes and Leah Weymas)**  
**[More information](#)**

### NATIONAL MEETINGS

**[Citizen Science Conference | AAAS Annual Meeting](#)**  
**[San Jose, CA | Feb. 11-12, 2015 | Feb. 12-16, 2015](#)**

**[SOT 2015 - 5th Annual Meeting and ToxExpo](#)**  
**[San Diego, CA | March 22-26, 2015 | Abstract Deadline: January 12, 2015](#)**

**[27th Conference of the International Society for Environmental Epidemiology](#)**  
**[Sao Paulo, Brazil | August 30th- Sept. 3rd, 2015 | Abstract Deadline: January 15, 2015](#)**

The OSU [Superfund Research Center](#) was established in 2009 and brings together a multidisciplinary team with years of experience in polycyclic aromatic hydrocarbons (PAHs) and environmental health issues.

The [Superfund Research Program](#) is federally funded and administered by the [National Institute of Environmental Health Sciences](#) (NIEHS grant #P42 ES016465), an institute of the National Institutes of Health.

STAY CONNECTED



Oregon State University

