



**Susan M. Pinney, PhD** (photo at right), Deputy Director of the CEG and Director of its Integrative Health Sciences Facilities Core, conducted a one-day workshop on *Extreme Personal Exposure Biomarker Levels: Guidance for Study Investigators* for attendees of the 2017 Annual Meeting of the [American College of Epidemiology](#), September 25. The workshop was made possible by an NIEHS R-13 award to Pinney, ES027347-01A1.

Dr. Pinney engaged her audience in exploring questions such as How should investigators respond to incidental findings of very high levels of a chemical or metal biomarker in study participants? Is there a responsibility for the investigator to report this finding first to the participant, and then to the participant's personal physician or public health officials? Do community physicians want to receive that information? Are they prepared to counsel their patients? Are there circumstances where the information should be reported to public health officials?

Dr. Pinney also gave an oral presentation (*Very High Biomarker Levels in Environmental Epidemiology Research: A Void in Guidance for Investigators*) for a segment of the ACE meeting devoted to "Untangling the Ethical Intersection of Epidemiology, Human Subjects Research and Public Health."

Among the participants in Dr. Pinney's preconference workshop were clinical and public health practitioners and leading figures in environmental health science, ranging from academic researchers and emergency first responders to representatives of the National Toxicology Program and Silent Spring Institute.

## The Lasting Influence of a Pioneer in Environmental Safety & Health



In this 40th Anniversary year of the NIOSH Education and Research Center (UC [ERC](#)), Dr. Eula Bingham has been rightly honored with its **Overall Impact Award**. A U.S. Presidential appointee and the first woman to lead the U.S. Occupational Safety and Health Administration in the late 1970s (photo, left), [Dr. Bingham](#) is highly regarded for her commonsense leadership and advocacy of workers' right to know. For more than four decades she has educated and inspired students and fellow faculty in the Department of Environmental Health.

She posed above right with NIEHS Program Officer Gwen Collman, PhD, during the DEH 50th Anniversary gala in 2015. Hear Dr. Bingham speak [here](#).



## New Publications

- **Nebert DW.** Aryl hydrocarbon receptor (AHR): "pioneer member" of the basic-helix/loop/helix per-Arnt-sim (bHLH/PAS) family of "sensors" of foreign and endogenous signals. *Prog Lipid Res.* 2017 Jul; 67:38-57. doi: 10.1016/j.plipres.2017.06.001. Epub 2017 Jun 9. Review. PMID: 28606467. PMCID: [PMC5568781](#)
- McGuire JL, Depasquale EA, Funk AJ, O'Donnovan SM, Hasselfeld K, Marwaha S, Hammond JH, Hartounian V, Meador-Woodruff JH, **Meller J, McCullumsmith RE.** Abnormalities of signal transduction networks in chronic schizophrenia. *NPJ Schizophr.* 2017 Sep 12;3(1):30. MID: 28900113; PMCID: [PMC5595970](#)
- Ko CI, **Puga A.** Does the Aryl Hydrocarbon Receptor Regulate Pluripotency? *Curr Opin Toxicol.* 2017 Feb;2:1-7. doi: 10.1016/j.cotox.2017.01.004. Epub 2017 Jan 21. PMID: 28920102; PMCID: [PMC5597055](#)

## NIEHS awards \$2 million for study of mixed exposures

**Alvaro Puga, PhD**

Molecular Mechanisms of Complex Mixture Toxicity. \$2,243,296 over 5 years. NIEHS R01 ES010807-16A1 09/30/17 – 06/30/22



## Register Now

**Friday October 27**  
**CEG Pilot Research Symposium**

9:00 AM - 3:30 PM (8:45 AM coffee).

Keynote presentation 11:00 AM:

[Ghurjit Khurana-Hershey, MD, PhD](#)

Director, Division of Asthma Research, Cincinnati Children's Hospital Medical Center, and Director, Medical Scientist Training Program, UC College of Medicine. 121 Kettering Research Complex. Lunch complimentary; RSVP required:

<https://www.surveymonkey.com/r/Q5MM36L>



Follow us on Facebook