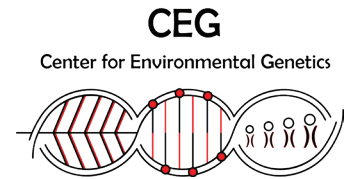


CEG research well represented in Athens at ISSE 2022

CEG researchers presented work at the 34th Annual Conference of the [International Society for Environmental Epidemiology](http://www.isse2022.org/) (ISSE 2022) in Athens, Greece, 2022 September 18–21. Topics included

- **A life-course approach for examining the impact of multiple air pollutants on adolescent anxiety and depression and the role of DNA methylation.** Kelly Brunst, PhD. **Multimodal Environmental Influences on Children and Adolescent’s Brain, Cognitive, and Mental Health Outcomes.** Kelly Brunst, PhD, *et al.*
- **Epigenetic Modulations with BPA and PFOA Exposure Prior to Pubertal Onset in Growing Up Female.** Cecily S. Fassler, PhD; Frank Biro, MD; Ricky Leung, PhD; Shuk-Mei Ho, PhD, Changchun Xie, PhD.
- **Radon Exposure to Community Members Living Near a Uranium Processing Plant.** John Reichard, PhD, Swade Barned, MS; Susan M. Pinney, PhD, FACE.
- **Breast cancer incidence is related to uranium particulate exposure in a population living near a uranium refinery.** Susan Pinney, PhD. FACE; Cecily Fassler, PhD; Jeanette M. Buckholz, RN; Elizabeth Shaughnessy, MD, PhD; Changchun Xie, PhD.



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Research Symposium Weds October 26 Translating Research to Practice...

CEG Annual Research Symposium, Wednesday Oct 26, 10:00 AM presentation by **Robyn L. Tanguay, PhD**, University Distinguished Professor in the Department of Environmental and Molecular Toxicology, Oregon State University; Director of the Pacific Northwest Center for Translational Environmental Health Research (NIEHS P30 ES030287); and Principal Investigator, OSU Superfund Research Program (NIEHS P24 5P42ES016465). Dr. Tanguay will speak on **Using Multidimensional Zebrafish Data to Advance Environmental Health Sciences** (Kettering Kehoe Auditorium, 10:00 AM). The seminar will be followed by a luncheon and talks by recent CEG Pilot awardees on topics including, among others, environmental agents & the skin microbiome; fluoride exposure, epigenetics & neurodevelopment; and academic-community partnerships in the study of air pollution. [Lunch RSVP](#).

Doctors, nurses and other health professionals need to know who is exposed to environmental perfluoroalkyl substances (PFAS), how to interpret blood PFAS results, and what to tell their patients. The **Region 5 Pediatric Environmental Health Specialty Unit** has developed 2-minute videos for healthcare providers that introduce them to PFAS and direct them to a [CME webinar course](#) on PFAS here at the University of Cincinnati. The videos feature **Nicholas Newman, DO, MS, FAAP**, Medical Director of the Pediatric Environmental Health and Lead Clinic, Cincinnati Children’s Hospital Medical Center, and leader of the CEG Community Engagement Core. . Links to the 2-minute videos:

[PFAS Doctor’s Perspective - YouTube](#)

[PFAS Questions with Dr. Nicholas Newman](#)

The course is designed for physicians and nurses in Primary Care, Environmental Health, Family Medicine, and Internal Medicine. Participants who successfully complete the course are eligible for *AMA PRA Category 1 Credits™* (0.75 hours), *AMA PRA Category 1 Credits™* Designated (0.75 hours), ABIM MOC Part 2 (0.75 hours).

Recent Publications

Ko CI, Biesiada J, Zablouk HA, Zhang X, Medvedovic M, Puga A. [The aryl hydrocarbon receptor directs the differentiation of murine progenitor blastomeres.](#) *Cell Biol Toxicol.* 2022 Aug 27. [PMID: 36029422](#). Lead author Chia-I Ko received a \$15,000 Innovator Award from the CEG Pilot Projects Program in 2020.

Yang W, Braun JM, Vuong AM, Percy Z, Xu Y, Xie C, Deka R, Calafat AM, Ospina M, Yolton K, Cecil KM, Lanphear BP, Chen A. Maternal urinary organophosphate ester metabolite concentrations and glucose tolerance during pregnancy: The HOME Study. *Int J Hyg Environ Health.* 2022 Aug 24;245:114026. [PMID: 3602974](#).

Congratulations to Angelico Mendy, MD!

Dr. Mendy, a CEG New Investigator Awardee (2020–2022) has received an R01 award from the National Institute of Environmental Health Sciences for his study of [“Childhood and In utero Exposure to Organophosphate and Replacement Brominated Flame Retardants and Child Respiratory Outcomes.”](#)