

## News at a Glance

August 9, 2018

CEG

Center for Environmental Genetics



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<http://med.uc.edu/eh/centers/ceg>

The New York Times   

## Recent Press and Publications

In recent weeks the reach and impact of CEG investigators and their work have ranged from national media and major scientific conferences to educational summer camps: For example, on July 22, the [New York Times](#) published an op-ed co-authored by CEG member and internationally recognized toxicologist **Kim Dietrich, PhD**, on the importance of accurate understanding of the Flint, MI, lead exposure crisis. A [July 31 CNN](#) story by journalist Nadia Kounang cited CEG Deputy Director **Susan M. Pinney, PhD** on reports of high levels of polyfluoroalkyl and perfluoroalkyl compounds (PFOA, PFASs) in Kalamazoo County drinking water supplies. Pinney was also cited in a [June 20 CNN report](#) on release of the long-awaited US ATSDR water quality report "Toxicological Profile for Perfluoroalkyls."



CEC Director **Erin Haynes, MS, DrPH**, moderated the July 16 plenary session during the NIEHS Environmental Health Sciences Core Centers Meeting at the University of California-Davis. Topic: ["NIH-NIEHS Response to Sudden and Ongoing Disasters"](#)



In the above photo, Danielle McBride, a PhD student and mentee of CEC Director Dr. Erin Haynes, interacts with youths attending the Cincinnati Museum Center's **Junior Medical Camp**, July 2018. Danielle led the future clinicians and scientists in conducting balance tests and developing hypotheses about environmental exposure to metals and the origins of neurological problems.

Proteomics core leader Ken Greis, PhD, was interviewed on July 5 on [WVXU 91.7 FM radio](#) regarding tests of a re-purposed drug that might effectively block a mutant protein involved in acute myeloid leukemia and other diseases. Cf. [PMID: 29977015](#)



**Brunst KJ**, Tignor N, Just A, Liu Z, Lin X, Hacker MR, Bosquet Enlow M, Wright RO, et al. (2018). Cumulative lifetime maternal stress and epigenome-wide placental DNA methylation in the PRISM cohort. *Epigenetics*. 2018 Jul 12. [PMID: 30001177](#).

Giannini CM, Herrick RL, Buckholz JM, Daniels AR, **Biro FM**, **Pinney SM**. Comprehension and Perceptions of Study Participants Upon Receiving Perfluoroalkyl Substance Exposure Biomarker Results. *Int J Hyg Environ Health*. 2018 Jul 16. pii: S1438-4639(18)30148-2. [PMID: 30025914](#).

**Vuong AM**, Braun JM, **Yolton K**, Wang Z, **Xie C**, Webster GM, Ye X, Calafat AM, **Dietrich KN**, Lanphear BP, **Chen A**. Prenatal and childhood exposure to perfluoroalkyl substances (PFAS) and measures of attention, impulse control, and visual spatial abilities. *Environ Int*. 2018 Jul 14;119:413-420. [PMID: 30015313](#)

Kim D, Chen Z, Zhou LF, **Huang SX**. Air pollutants and early origins of respiratory diseases. *Chronic Dis Transl Med*. 2018 Jun 7;4(2):75-94. PMID: 29988883. [PMCID: PMC6033955](#).

Dworatzek E, Mahmoodzadeh S, Schriever C, Kusumoto K, Kramer L, Santos G, Fliegner D, **Leung YK**, **Ho SM**, Zimmermann WH, Lutz S, Regitz-Zagrosek V. Sex-specific regulation of collagen I and III expression by 17 $\beta$ -Estradiol in cardiac fibroblasts: role of estrogen receptors. *Cardiovasc Res*. 2018 Jul 17. [PMID: 30016401](#)

**Cheong A**, Johnson SA, Howald EC, Ellersieck MR, Camacho L, Lewis SM, Vanlandingham MM, **Ying J**, **Ho SM**, Rosenfeld CS. Gene expression and DNA methylation changes in the hypothalamus and hippocampus of adult rats developmentally exposed to Bisphenol A or Ethinyl Estradiol: A CLARITY-BPA Consortium Study. *Epigenetics*. 2018 Jul 12. [PMID: 30001178](#)

Chen J, Gálvez-Peralta M, **Zhang X**, Deng J, Liu Z, **Nebert DW**. In utero gene expression in the Slc39a8(neo/neo) knockdown mouse. *Sci Rep*. 2018 Jul 16;8(1):10703. [PMID: 30013175](#).