

News at a Glance

October 24, 2017

Building upon a 25+ year history of innovation and success, the vision of CEG is to become a **global leader** in gene-environment interactions (GxE) research and translation. Recent and upcoming events reflect our commitment to this vision:

Susan Pinney, PhD, CEG Deputy Director and Director of our Integrative Health Sciences Facilities Core, joined in delivering several poster presentations at the 27th Annual Meeting of the [International Society of Exposure Science](#) (ISES); Research Triangle Park, NC; October 15-19, 2017.

Josephine M. Brown, BS, BA, a 2017 CEG New Investigator Scholar and Graduate Assistant, Division of Environmental Genetics and Molecular Toxicology (EGMT), will present her research and receive a \$1,000 ACT travel award for the annual meeting of the American College of Toxicology; Palm Springs, CA, 2017 Nov 5 – 8.

Shuk-Mei Ho, PhD; Director of the CEG, will speak on “Epigenetics, Stem Cells and Prostate Cancer” at the 26th Annual Midwest Regional Conference of the Society of Toxicology (The Impact of Early Life Environmental Toxicant Exposure to Disease Development in Adulthood), Chicago, IL, November 3, 2017.

KyoungHyun Kim, PhD, 2013 CEG Next Generation Biomedical Investigator and Assistant Professor of Environmental Health, will present at the 12th International Conference and 5th Asian Congress on Environmental Mutagens in South Korea, November 12-16, 2017.

Xiang Zhang, PhD, Manager of UC’s Genomics, Epigenomics and Sequencing Core and invited conference advisory board member, will speak on “Precise size selection of small RNA library from poor-quality and ultra-low yield RNA” at the 3rd annual NGS & Clinical Diagnostics USA Congress and Single Cell Analysis USA Congress; Boston, MA; October 23-24, 2017.

Aimin Chen, MD, PhD, co-Leader of the CEG Pilot Project Program, will speak on “Flame retardants and child neurobehavior” at the Pacific Basin Consortium for Environmental and Health biennial meeting in New Delhi, India, Nov 14-16, 2017. He will also participate in the NIEHS/WHO workshop on e-waste on Nov 17 following the meeting.

Ranjan Deka, PhD, Professor of Environmental Health was invited to give a key-note talk at the 43rd School of Biological Anthropology organized by the Croatian Academy of Sciences and Arts, in Zagreb October 23-24. Dr. Deka will speak on “Natural Selection driving the maintenance of a “Thrifty” Genetic Variant influencing Human Obesity.” Other keynote speakers are Professor Svante Paabo, Director of the Max Planck Institute for Evolutionary Genetics, Leipzig, Germany, and Professor Richard Villems, President of the Estonian Academy of Sciences, Estonia.



Seminars Inform & Inspire

Robert C. Smart, PhD (left) Director of the Center for Human Health and the Environment at North Carolina State University, delivered a highly informative and very well received talk to CEG faculty members, students and guests on Oct 4 regarding “Programming Programmed Cell Death to DNA Damage and Tumor Stress.”



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

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Erin N. Haynes, MS, DrPH, Associate Professor of Environmental Health and Director of the CEG Community Engagement Core (CEC) has been invited by the National Institute of Environmental Health Sciences to serve as a standing Study Section member on the NIEHS EHS Review Committee through June 2021. This 3-year appointment reflects the high regard with which Dr. Haynes is held in the scientific community and will allow Dr. Haynes to lend her expertise to the fair yet rigorous assessment of federal research funding applications, including P30 center grants and career development awards.

New Publications

- Shoaff J, Papandonatos GD, Calafat AM, Ye X, **Chen A**, Lanphear BP, **Yolton K**, Braun JM. Early-Life Phthalate Exposure and Adiposity at 8 Years of Age. Environ Health Perspect. 2017 Sep 11;125(9):097008. doi: 10.1289/EHP1022. [PMID: 28935615](#)
- Gautam Y, Altaye M, **Xie C**, **Merisha TB**. AdmixPower: Statistical Power and Sample Size Estimation for Mapping Genetic Loci in Admixed Populations. Genetics. 2017 Sep 26. pii: genetics.300312.2017. doi: 10.1534/genetics.117.300312. [Epub ahead of print] [PMID: 28951529](#)
- Hiatt RA, Stewart SL, Hoeft KS, Kushi LH, Windham GC, **Biro FM**, **Pinney SM**, Wolff MS, Teitelbaum SL, Braithwaite D. Childhood socioeconomic position and pubertal onset in a cohort of multiethnic girls: Implications for breast cancer. Cancer Epidemiol Biomarkers Prev. 2017 Sep 22. pii: cebp.0496.2017. [PMID: 2893958](#).