

News at a Glance

March 13, 2017

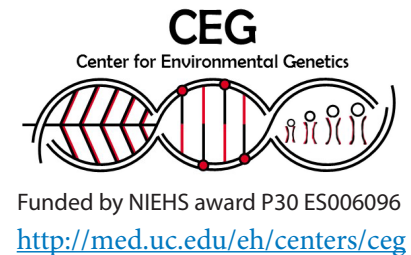


Save the Date: On Monday March 19, the Center for Environmental Genetics and our Community Engagement Core will host [Aubrey K. Miller, MD, MPH](#); Senior Medical Advisor, National Institute of Environmental Health Sciences (NIEHS) and NIEHS liaison to the U.S. Department of Health and Human Services (HHS). Seminar Topic: **Disaster Response Research**.

Under the leadership of Erin Haynes, MS, DrPH our Community Engagement Core has been working with its counterparts at the University of Washington and University of Iowa on a resource guide for Disaster Response Research (DR2). Listen to an interview with Dr. Aubrey Miller about the NIEHS Disaster Research Response Program [here](#).

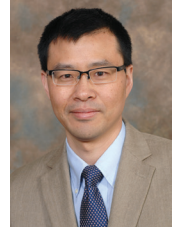


CEG Director **Shuk-Mei Ho, PhD**, is among the expert presenters who will be speaking at **Precision Genomics Midwest**, Friday May 11, 2018 at the University Kingsgate Marriott. Registration is free, including lunch, but space is limited. To download the agenda and to register, click [here](#).



Share your news with us:

We congratulate CEG Associate Director Aimin Chen, MD, PhD (photo at right) on being named a Fellow of the UC Graduate School. Dr. Chen was elected at the February 20th meeting of the University of Cincinnati Board of Trustees.



Recent Publications

An NIEHS Extramural Paper of the Month (2018 March): Ren S, **Haynes E**, Hall E, Hossain M, **Chen A**, Muglia L, Lu L, **DeFranco E**. 2018. Periconception exposure to air pollution and risk of congenital malformations. *J Pediatr*. 2018 Feb;193:76-84.e6. doi: 10.1016/j.jpeds.2017.09.076. Epub 2017 Dec 11. [PMID: 29237538](#). PMCID: PMC5794608

Bhattacharya SS, Yadav JS. Microbial P450 Enzymes in Bioremediation and Drug Discovery: Emerging Potentials and Challenges. *Curr Protein Pept Sci*. 2018;19(1):75-86. doi: 10.2174/1389203718666161122105750. Review. [PMID: 27875967](#).

CEG founding director, Professor Emeritus **Daniel W. Nebert, PhD**, continues to contribute toward greater understanding of gene-environment interactions, including *via* this article in **NATURE** and a new article in the **Journal of Food and Chemical Toxicology**:

Schiering C, Wincent E, Metidji A, Iseppon A, Li Y, Potocnik AJ, Omenetti S, Henderson CJ, Wolf CR, **Nebert DW**, Stockinger B. Feedback control of AHR signalling regulates intestinal immunity. *Nature*. 2017 Feb 9;542(7640):242-245. doi: 10.1038/nature21080. [PMID: 28146477](#). PMCID: [PMC5302159](#)

Uno S, **Nebert DW**, Makishima M. Cytochrome P450 1A1 (CYP1A1) protects against nonalcoholic fatty liver disease caused by Western diet containing benzo[a]pyrene in mice. *Food Chem Toxicol*. 2018 Jan 20. pii: S0278-6915(18)30029-2. doi: 10.1016/j.fct.2018.01.029. [Epub ahead of print] [PMID: 29366871](#)

Barouki R, Melén E, Herceg Z, Beckers J, Chen J, Karagas M, Puga A, Xia Y, Chadwick L, Yan W, Audouze K, Slama R, Heindel J, Grandjean P, Kawamoto T, Nohara K. Epigenetics as a mechanism linking developmental exposures to long-term toxicity. *Environ Int*. 2018 Feb 27;114:77-86. doi: 10.1016/j.envint.2018.02.014. [Epub ahead of print] Review. [PMID: 29499450](#).

Alexander J, Teague AM, Chen J, Aston CE, **Leung YK**, Chernausk S, Simmons RA, Pinney SE. Offspring sex impacts DNA methylation and gene expression in placentae from women with diabetes during pregnancy. *PLoS One*. 2018 Feb 22;13(2):e0190698. doi: 10.1371/journal.pone.0190698. eCollection 2018. [PMID: 29470513](#). At [PLOS One](#).

Perez Ramirez L, Wendroth H, Martin LJ, Pilipenko VV, He H, Kroner J, **Ryan PH, LeMasters GK, Lockey JE, Bernstein DI, Khurana Hershey GK**, Biagini Myers JM. High number of early respiratory infections in association with allergic sensitization to mold promotes childhood asthma. *J Allergy Clin Immunol*. 2018 Jan 26. pii: S0091-6749(18)30113-1. [PMID: 29378287](#).

