

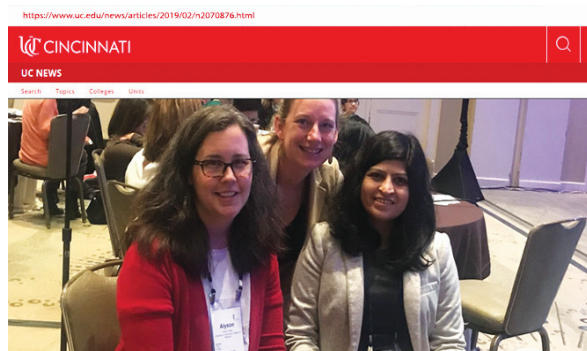
## News at a Glance

March 4, 2019

The Center for Environmental Genetics recently was pleased to welcome to UC **Bevin P. Engleward, Sc.D.**, Professor of Biological Engineering, Program Director of the MIT Superfund Research Program, and Deputy Director of the Center for Environmental Health Sciences at the Massachusetts Institute of Technology. Dr. [Engleward's laboratory](#) is dedicated to the study of genes, environment, and physiological factors that influence genomic stability. In addition to developing mouse models for fluorescent detection of rare genetic changes, Dr. Engleward and her colleagues are also investigating the interfaces among DNA damage, repair, and infection. Dr. Engleward addressed our faculty members, students, and trainees from UC and Cincinnati Children's Hospital Medical Center on the topic, **Novel Technologies Contribute to our Understanding of Why Some People are More Prone to Cancer than Others**



Above, Bevin Engelward, Sc.D., at UC's Kowalewski Hall prior to the February 27 CEG Seminar



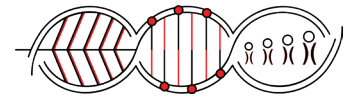
### Three UC College of Medicine faculty chosen for AAMC leadership development seminar

Seminar aims to increase the number of women faculty in academic medicine and in leadership positions

CEG New Investigator and 2018 Pilot awardee **Kelly Brunst, PhD**, was one of three UC College of Medicine faculty members chosen to attend the Early Career Women Faculty Leadership Development Seminar of the Association of American Medical Colleges, February 2-5, 2019 in San Diego. Dr. Brunst and UC's Silvi Shah, MD, and Alyson Ryan, MD, were among 155 women from the United States and Canada selected for the seminar: <https://www.uc.edu/news/articles/2019/02/n2070876>

CEG

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Funded by NIEHS award P30 ES006096

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

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On Wednesday, March 6, we welcome [Melissa Troester, PhD, MPH](#), Professor of Epidemiology and Pathology & Laboratory Medicine at the University of North Carolina-Chapel Hill. Topic: Breast cancer and the environment: Integrative molecular epidemiology tools for understanding breast cancer risk. 10 AM, Rm 140 Kowalewski Hall.

## Recent Publications

Ge C, Vilfranc CL, Che L, Pandita RK, Hambarde S, Andreassen PR, **Niu L**, Olowokure O, Shah S, Waltz SE, Zou L, Wang J, Pandita TK, **Du C**. The BRUCE-ATR signaling axis is required for accurate DNA replication and suppression of liver cancer development. *Hepatology*. 2019 Jan 28. doi: 10.1002/hep.30529. [PMID: 30693543](#).

Jackson-Browne MS, Papandonatos GD, **Chen A**, **Yolton K**, Lanphear BP, Braun JM. Early-life triclosan exposure and parent-reported behavior problems in 8-year-old children. *Environ Int*. 2019 Jan 31. pii: S0160-4120(18)31692-1. [PMID: 30712883](#).

**Langevin SM**, Kuhnell D, Orr-Asman MA, **Biesiada J**, **Zhang X**, **Medvedovic M**, Thomas HE. Balancing yield, purity and practicality: a modified differential ultracentrifugation protocol for efficient isolation of small extracellular vesicles from human serum. *RNA Biol*. 2019 Jan 3. [PMID: 30604646](#).

Liang H, **Vuong AM**, **Xie C**, Webster GM, Sjödin A, Yuan W, Miao M, Braun JM, **Dietrich KN**, **Yolton K**, Lanphear BP, **Chen A**. Childhood polybrominated diphenyl ether (PBDE) serum concentration and reading ability at ages 5 and 8 years: The HOME Study. *Environ Int*. 2019 Jan;122:330-339. PMID: 30503319; [PMCID: PMC6324196](#).

Patel NB, Xu Y, McCandless LC, **Chen A**, **Yolton K**, Braun J, Jones RL, **Dietrich KN**, Lanphear BP. Very low-level prenatal mercury exposure and behaviors in children: the HOME Study. *Environ Health*. 2019 Jan 9;18(1):4. PMID: 30626382; [PMCID: PMC6325670](#).

Percy Z, **DeFranco E**, Xu F, Hall ES, **Haynes EN**, Jones D, Muglia LJ, **Chen A**. Trimester specific PM2.5 exposure and fetal growth in Ohio, 2007-2010. *Environ Res*. 2019 Jan 15;171:111-118. [PMID: 30660917](#).

Steele NG, Chakrabarti J, Wang J, **Biesiada J**, Holokai L, Chang J, Nowacki LM, Hawkins J, Mahe M, Sundaram N, Shroyer N, **Medvedovic M**, Helmrath M, Ahmad S, Zavros Y. An organoid-based preclinical model of human gastric cancer. *Cell Mol Gastroenterol Hepatol*. 2019;7(1):161-184. PMID: 30522949; [PMCID: PMC6279812](#)