

Welcome to our new CEG Associate Members

We are pleased to announce the following new CEG Associate members:



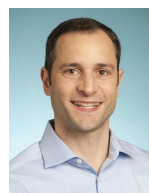
Ardythe Morrow, PhD, Professor, and Director, Division of Epidemiology, Department of Environmental and Public Health Sciences. Dr. Morrow's work has focused on maternal-infant health, particularly as it relates to the human milk system and breastfeeding, and the design, conduct and analysis of birth cohort studies in term and preterm infants. In the months to come Dr. Morrow will be leading a new CEG research focus group on climate change and environmental health. [Contact Dr. Morrow](#) to be added to the distribution list for related information.



David Newburg, PhD, Adjunct Professor, Division of Epidemiology. Dr. Newburg's research focuses on glycobiology of human milk, with emphasis on functional interactions with intestinal mucosa, including control of glycan ontogeny in gut development and function. His initial studies on nutrition in brain development led to a pioneering research program on bioactive components of human milk, including human milk oligosaccharides.

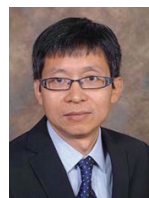


Wei-Wen Hsu, PhD, Associate Professor, Division of Bioinformatics and Biostatistics. Dr. Hsu's interests include methodologies (e.g., two-component mixture models, classification methods for high-dimensional data, hypothesis testing, etc.) and subject matter applications (e.g., cancer early detection, biomarker discovery, environmental exposure research, etc.).



Tony J. DeFalco, PhD, Associate Professor, UC Department of Pediatrics; Director, Reproductive Sciences Center, CCHMC. DeFalco and his team aim to improve understanding of how disorders or differences in sexual development arise *in utero*. Of particular interest are gene-environment interactions and the influence of the vascular and immune systems on gamete development and quality.

All NIH grant applications, including proposals to NIEHS, **must** now include **Data Management and Sharing (DMS) Plans**. Accordingly, the NIH have issued sample DMS plans for purposes of education and guidance. [See sample DMS plans here to get you started](#). The CEG Translational Research Support Core has posted **helpful hints** for CEG members: [Click here for Data Management & Sharing Plan Hints](#) and other resources.



Changchun Xie, PhD, an active member of the CEG Integrative Health Sciences Facilities and Bioinformatics Cores, is the **IHSFC Expert Panel** member to whom DMS-related questions should be addressed: <https://med.uc.edu/depart/eh/centers/ceg/ihsfc/panel-of-expert-consultants>



Chandra H, Kovall RA, Yadav JS, Sun X. Host immune responses to surface S-Layer proteins (SLPs) of *Clostridioides difficile* microorganisms.

2023 Feb 2;11(2):380. [PMID: 36838345](#). [PMCID: PMC9963625](#).



Funded by NIEHS award P30 ES006096

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

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Recent Publications

Rafiee A, Hoseini M, Akbari S, Mahabee-Gittens EM.



Exposure to Polycyclic Aromatic Hydrocarbons and adverse reproductive

outcomes in women: current status and future perspectives. *Rev Environ Health*. 2023 Jan 2. [PMID: 36583940](#). Dr. Mahabee-Gittens joined the CEG as an Associate member in 2019 and has collaborated with fellow members **Ashley L. Merianos, PhD**, and **Roman Jandarov, PhD**, on a number of articles on health effects associated with secondhand smoke exposure; e.g., *Environ Sci Technol* [PMID: 36705578](#); *Nicotine Tobacco Res* [PMID: 36567673](#); *Pediatr Res* [PMCID: PMC9535039](#).

Verma R, Aggarwal P, Bischoff ME, Reigle J, Secic D, Wetzel C, VandenHeuvel K, Biesiada J, Ehmer B, Landero Figueroa JA, Plas DR, **Medvedovic M, Meller J, Czyzyk-Krzeska MF**. Macrotubule associated protein MAP1LC3C regulates lysosomal exocytosis and induces zinc reprogramming in renal cancer cells. *J Biol Chem*. 2023 Mar 30;104663. [PMID: 37003503](#)