

News at a Glance

Museum Center Science Camp Success



The CEG Community Engagement Core returned by invitation to lead sessions at the Cincinnati Museum Center's [2022 Cincinnati Environmental Health Camp](#) from June 27 to July 1. CEG representatives are again leading instructional activities at the Museum Center from August 1 to August 5. In partnership with the Museum Center, members of the CEC team develop and teach hands-on curricula Monday through Friday during summer Science Camp sessions for youth entering Grades 5 and 6. As participants in the Museum's "Premium Camp," youth have the opportunity to discover how the environment affects human health as they take part in hands-on scientific activities. Lessons have been created and conducted by CEC co-leader Michelle Burbage, PhD, with logistical support from Amy Itescu and with scientific input from graduate students Emily Adkins, Sarah Burcham, Nicholas Conley, Catherine Lusky, Taylor Buckley, JT Toebbe, Rose Thoroughman, Milan Parikh, Audrey Feiler, Natasha Rodriguez, and Nathan Rodrigues. Session 1 activities included building air sensors and role-playing as food-borne-illness detectives by analyzing how food can become contaminated. Readers can learn more about the CEG Community Engagement Core at <https://med.uc.edu/depart/eh/centers/ceg/cec>

Meet our latest New Investigator Awardee (NIA 2022–2024)



Nalinikanth Kotagiri, MBBS, PhD

[Nalinikanth Kotagiri, MBBS, PhD](#), Assistant Professor, James L Winkle College of Pharmacy. Dr. Kotagiri, whose CEG-supported pilot research is focused on programming the skin microbiome against environmental pollutants, will receive \$25,000 in salary support and associated benefits in year 1 as he plans an expected NIEHS grant submission.

August 2022

NIA to NYC

Angelico Mendy, MD, PhD, a CEG New Investigator Awardee (NIA 2020 – 2022) and Assistant Professor, UC Department

of Environmental and Public Health Sciences, has been invited to speak on [Early Life Exposure to Replacement Flame Retardants and Child Respiratory Outcomes](#) as part of the NIH [NIEHS Early Stage Investigator Spotlight Webinar Series](#).

Dr. Mendy will present on Wednesday **August 10**.

The series is hosted by Maria José Rosa, DrPH, and Douglas Walker, PhD, assistant professors in the Department of Environmental Medicine and Public Health, Mount Sinai. Rosa and Walker are members of the Center on Health and Environment Across the Life Span (HEALS) and Institute for Exposomic Studies at the Icahn School of Medicine, Mount Sinai, New York. An NIEHS-funded P30 center, HEALS was formerly known as the Transdisciplinary Center for Early Environmental Exposures, but was recently renamed to reflect its focus on life course health (P30 ES023515). In July, Dr. Mendy was one of five CEG members who presented research at the [2022 Meeting of the NIEHS Environmental Health Sciences Core Centers](#) (EHS CC) at the New York Academy of Medicine. One can view the [e-posters online here](#).

Recent Publications

Wang J, Xiao B, Kimura E, Mongan M, **Xia Y**. The combined effects of Map3k1 mutation and dioxin on differentiation of keratinocytes derived from mouse embryonic stem cells. *Sci Rep*. 2022 Jul 7;12(1):11482. [PMID: 35798792](#). [PMCID: PMC9263165](#).

Associations between prenatal urinary biomarkers of phthalate exposure and preterm birth: A pooled study of 16 US cohorts. *JAMA Pediatr*. 2022 Jul 11. [PMID: 35816333](#). Authors include CEG member **Kim Yolton, PhD**.

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Center for Environmental Genetics



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

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Angelico Mendy MD, PhD



Ying Xia, PhD



Kim Yolton, PhD