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## CEG Early Career Awardees Earn Returns on Investment



Congratulations to New Investigator Awardee (2022–2024) **Jun Wang, PhD, PE, CIH**, on his promotion to Associate Professor with Tenure.

Dr. Wang directs the Workplace Aerosol and Gaseous Lab (WANG Lab) in the Division of Environmental and Industrial Hygiene (EIH) and currently directs the Environment Simulating Chamber for Aerosol and Particle Exposure (ESCAPE) under the CEG ITS **Shared Equipment** program. His research interests include exposure measurement of airborne toxins from conventional and emerging environmental sources, and developing innovative methodologies to quantify cytotoxicity, oxidative potential, and respiratory deposition of ultrafine aerosols and nanoparticles. In 2022

Dr. Wang received a \$1 million grant from the Ohio Bureau of Workers' Compensation for the project, "Exposure-Protection Integrated Communicator (EPIC) to Improve and Promote PPE Usages in Ohio Workplace."

Congratulations to **Debajyoti Ghosh, PhD**, on receiving a UC College of Medicine Research Innovation/Pilot Grant Program award. Dr. Ghosh, an instructor in the Division of Rheumatology, Allergy and Immunology, received the award for his study "Human enteroids to study barrier function in perinatal dysbiosis."

In 2021 the CEG awarded Dr. Ghosh a \$20,000 Innovator award for his study, "Elucidating the mechanism of Atopic Dermatitis induced by maternal exposure to phthalate compounds."

Save the  **Dates: Wednesday August 30**

**Aruni Bhatnagar, PhD, FAHA,**



Dr. Aruni Bhatnagar

Professor and Chief of the University of Louisville Division of Environmental Medicine, will speak on air pollution, oxidative stress and mechanistic origins of myocardial dysfunction and heart disease, and the Green Heart Louisville Project. 10 AM Kettering Kehoe Auditorium.

## CEG welcomes three new distinguished members

The CEG is pleased to welcome the following new members:



Dr. Shesh Rai

**Shesh N. Rai, PhD** (Full member), Professor, UC DEPHS Division of Biostatistics and Bioinformatics, and Director, Biostatistics and Informatics Shared

Resource UC Cancer Center (UCCC-BISR). Dr. Rai recently served in the Center for Integrative Environmental Health Sciences (P30ES030283) at the University of Louisville. In 2014, he was named a Fellow of the American Statistical Association for developing new methods for clinical trial research and outstanding collaboration with basic scientists and clinicians.

**Satish K. Madala, PhD** (Associate member), Professor, Division of

Pulmonary, Critical Care, and Sleep Medicine. Dr. Madala's laboratory focuses on investigating the impact of exposures such as asbestos, silica, tobacco smoke, or chemical agents (e.g., bleomycin) in lung injury and the development of fibrotic lung remodeling.



Dr. Satish Madala

**Rathnakumar Kumaragurubaran, PhD** (Full member), Assistant Professor of Pediatrics and Director, Single Cell Genomics Core, CCHMC. Use of the CCHMC Single Cell Genomics Core by CEG investigators



Dr. Rathnakumar Kumaragurubaran

is now eligible for **Integrative Technologies**

**Support (ITS) Core** subsidy funding.

**CEG All-Member Meeting | Wednesday September 6 @ 2 PM**

The CEG will hold its 2023 All-Member meeting in the Kettering Laboratory Building Atrium (G26), 2:00–3:30 PM. Please join us as we welcome our newest members and celebrate the recent achievements of our CEG research teams.

**Annual Research Symposium November 8**



Keynote speaker: **Christine Whittaker, PhD**, Director, NIOSH Division of Science Integration. Details to come!