# News at a Glance

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CEG
Center for Environmental Genetics

Funded by NIEHS award P30 ES006096

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## New online form available to request services of the Genomics and Epigenomics Sequencing Core

The **Genomics and Epigenomics Sequencing Core** (GESC), managed by Xiang Zhang, Ph.D., has updated its online form for requesting services: **https://med.uc.edu/depart/eh/cores/genomics/services-and-form**

CEG investigators who use GESC services should self-identify as CEG members, in order to enhance Center reporting of research productivity stemming from our NIEHS P30 award – documentation that is especially important to the Center's annual and 5-year Competitive Renewals. CEG members also should indicate on the form whether they would additionally like their data to be transferred to the **CEG Bioinformatics Core** (Director: Mario Medvedovic, PhD). The GESC Advisory Committee notes that the Bioinformatics Core offers long-term data storage, as well as options for highly sophisticated data analysis.

## CEG Integrative Technologies Support (ITS) Core offers subsidies for CEG members using the University Cores

Through its ITS Subsidy program, the Integrative Technologies Support Core offers **matching funds** for CEG members using the University Cores. Visit our ITS web page for a list of Cores and services, application instructions and application form: **https://med.uc.edu/depart/eh/centers/ceg/its**

New tools will soon be available for use through the (ITS) Core **Shared Equipment** program. These include a new inhalation chamber for rodent studies: the **Environmental Simulating Chamber for Aerosol & Particle Exposure** (ESCAPE), managed by Jun Wang, PhD, PE, CIH, CSP; a **Beckman Ultracentrifuge** (managed by Chia-I Ko, PhD; and an **XFHS mini Seahorse analyzer** for mitochondrial studies, managed by Scott Langevin, PhD, MHA, CT (ASCP). More details to come regarding Training and Scheduling. In the meantime, see our **ITS Core webpage**: **https://med.uc.edu/depart/eh/centers/ceg/its**

## Phlebotomy skills available: Welcome to Kylie J. Brown

The CEG welcomes Clinical Research Assistant **Kylie Brown**. Kylie is a UC graduate, with a Bachelor of Allied Health Sciences/ Physiological Science, Class of 2019. Since graduation, she has been working as a pharmacy technician and completing her training as a certified phlebotomist. She will be working with our Fernald Community Cohort (FCC) and Family Lung Cancer Study\ Genetic Epidemiology of Lung Cancer Consortium (GELCC) projects. Kylie is available to conduct for phlebotomies for CEG investigators in preparing preliminary data and for funded projects with some level of salary support (The CEG Integrative Health Sciences Facilities Core cannot charge per phlebotomy.) As before, investigators requesting service will need to complete a simple scheduling form, so that the Core and Center we have a record. Contact Kylie at brown3k7@ucmail.uc.edu.

## CEG to host UNC's Rebecca Fry, PhD, November 16 –17

Dr. Rebecca Fry, The Carol Remmer Angle Distinguished Professor in Children's Environmental Health and Director of the Institute for Environmental Health Solutions at the University of North Carolina-Chapel Hill, will speak at the November 17 DEPHS Wednesday Seminar and be available to meet with faculty and trainees. Dr. Fry and her team are studying prenatal exposures to environmental contaminants including arsenic, cadmium, and perfluorinated chemicals, and the mechanisms by which they contribute to long-term health effects. **Save the Date!** 10:00 AM Nov 17, Kettering Kehoe Auditorium.

## New in the Literature

Wang Y, **Wang HS.** Bisphenol A affects the pulse rate of Lumbriculus variegatus via an estrogenic mechanism. Comp Biochem Physiol C Toxicol Pharmacol. 2021 Oct; 248:109105. **PMID: 34119654**. PMCID: PMC8373826.