Job Description

Position: Postdoctoral Research Fellowship in Environmental Health and Omics approaches

Employment type: Full time, 2-3 years

Position description: The Department of Environmental Medicine and Public Health at Icahn School of Medicine at Mount Sinai looks forward to welcoming two postdoctoral fellows to join the NIH-funded Institute for Exposomics and conduct research in the fields of Maternal and Child Metabolic Health, Exposomics and Metabolomics. Our multidisciplinary research group uses state-of-the-art methodological approaches to investigate the impact of environmental stressors on health and disease, with a particular interest in endocrine disruptors and highly prevalent metabolic disorders and diseases, such as obesity, diabetes, and liver disease. Successful candidates will form part of a vibrant, interdisciplinary team of environmental epidemiologists, environmental exposure scientists, biostatisticians, chemists, toxicologists and health care professionals, and get involved in active NIH-funded studies in birth cohorts in the U.S., Europe and Mexico. Primary responsibilities of this position involve data analysis and manuscript preparation, with opportunities to obtain formal and informal training in grant writing, and teach in the Master of Public Health program. Fellows will be encouraged and supported to attend and present their work at relevant national and international research conferences. Ideal candidates will have a strong background in environmental/molecular epidemiology, biostatistics, environmental health sciences, or related fields. Prior experience with analysis of large omic data (e.g., exposomics, metabolomics) is preferred, but not required.

Department: The Department of Environmental Medicine and Public Health is located on Central Park in New York City in the Icahn School of Medicine, and is affiliated with the Mount Sinai Health System, the largest health care provider in New York. Postdoctoral fellows constitute a central component of the School’s research organization and are meaningfully integrated within the institution to facilitate scientific growth and professional development. More than 600 fellows are also supported by an office of postdoctoral affairs and an office of career services. Our department, which currently includes more than 15 postdoctoral fellows, has an NIEHS P30 core center with a pilot grant program to which fellows are eligible to apply and develop novel supplemental studies, and a formal mentoring and career development program. The department also includes the NIEHS funded Child Health Environmental Assessment Resource (CHEAR) data center that develops new methods for analyzing mixtures and a CHEAR lab hub for developing new targeted and untargeted environmental analyses in this national network promoting inter-institutional collaboration.

Salary, benefits and housing: Salary is comparable to the NIH stipend rate for each year of experience (http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-048.html). An additional cost of living stipend is added to the NIH stipend rate as well, and is competitive with other New York city programs. Benefits are described in the Mount Sinai Postdoc Handbook (https://icahn.mssm.edu/files/ISMMS/Assets/Education/Post%20Doc/Postdoc-Handbook.pdf) and include access to Postdoctoral Fellow Housing.

Application process: Interested candidates who have or will shortly have their doctorate should email a cover letter, curriculum vitae, and brief description (1 page max) of their research interests to Dr. Dania Valvi (dania.valvi@mssm.edu), with c-c to Christina Blackburn (christina.blackburn@mssm.edu). Applications will be accepted until both positions are filled.