

## DEPARTMENT OF PREVENTIVE MEDICINE

### POST-DOCTORAL POSITION IN OBESITY AND METABOLIC DISEASE: ROLE OF ENVIRONMENT

The Department of Preventive Medicine at the University of Southern California (USC) invites applications for a **postdoctoral position offering opportunities to participate in research at the junction of obesity, metabolic disease, environmental health, and chronic disease epidemiology**. The fellow will participate in scientific activities including study design and implementation, data analyses, manuscript preparation, research planning, and development of proposals for biologically-based, population-level studies. The position is supported by NIH training and other grants closely linked to several NIH Centers at USC focused on environmental determinants of obesity and metabolic risk with a particular, but not exclusive, focus on children. The aim of the program is to provide multidisciplinary opportunities and training to postdocs from backgrounds in epidemiology, genomics and exposomics, biostatistics, bioinformatics, and/or computational biology to future researchers aiming to study environmental and omics risk factors of obesity and its metabolic consequences. Applicants with a PhD or MD from a broad range of these disciplinary backgrounds will be considered.

A strength of the Keck School of Medicine at USC is the etiologic, intervention, clinical and basic science research on obesity and its metabolic consequences. The department has a leading research group in environmental epidemiology and biostatistics, with an active and well-funded program in environmental health effects research, including the environmental causes of obesity and metabolic disease. Additional areas of faculty research include chronic cardiorespiratory and neuro outcomes, exposure assessment and biological markers, and omics-environment research. The environmental health group is well known for its research on health effects of air pollution and endocrine disrupting chemicals, among other topics.

A dynamic and diverse group of investigators in the Southern California Environmental Health Sciences Center (SCEHSC), also housed in the Department of Preventive Medicine, offers opportunities for a wide range of research collaborations with investigators at Children's Hospital of Los Angeles, Caltech, UCLA and other southern California institutions. Access to many U.S. and European cohorts is available through investigators in the USC centers. The NIEHS-funded SCEHSC features an innovative Career Development Program for early investigators to strengthen their skills and knowledge base needed for career advancement (e.g., developing career directions and priorities, grant writing, making effective presentations, preparing manuscripts, and developing multidisciplinary research teams). The program has established a track record of success in helping junior investigators to obtain faculty positions and a first NIH award.

Applicants with a doctoral degree in epidemiology, environmental health sciences or related field. Alternatively, applicants may hold a M.D. or doctoral degree related to metabolic disease or other relevant field in area of biomedical research with experience or academic training in quantitative research (e.g., masters degree in epidemiology or biostatistics). U.S. citizenship or permanent residency is required.

Competitive applications will be considered as they are received and the position will remain open until the position is filled. Please send a letter describing research interests, curriculum vita, copies of one or two recent publications, if applicable, and contact information for three individuals who are familiar with academic accomplishments to Rob McConnell, MD at [E-GT32@usc.edu](mailto:E-GT32@usc.edu). Please include "Metabolic disease postdoc" in the subject line.