



Postdoctoral Fellow Position

The University of Texas Health Science Center in Austin has an opening for a full-time (1.0 FTE) Postdoctoral Research Fellow position. The fellow will work under the supervision of Dr. Brianna Moore, with additional mentoring by faculty at the University of Texas Health Science Center.

The fellow would develop a research project utilizing data from the Healthy Start study, a Colorado-based pre-birth cohort study of 1,410 mother-child pairs. Exposures of interest include prenatal exposures to tobacco, cannabis, and traffic-related air pollution, early-life nutrition (including maternal diet during pregnancy and breastfeeding exclusivity), and other lifestyle, social, and environmental factors during the prenatal and postnatal periods. Outcomes of interest include infant and child body composition, growth trajectories, cardiometabolic outcomes (glucose/insulin, lipids, blood pressure), and neurodevelopmental outcomes (cognition and behavior). The fellow would be encouraged to identify modifiable factors and to explore the role of potential biological intermediates, including cardio-metabolic and inflammatory markers. The Healthy Start study is part of the NIH Environmental influences on Child Health Outcomes (ECHO) program (www.nih.gov/echo), which would allow for the proposal of multi-cohort analyses.

The fellow will be responsible for manuscript preparation, analysis, and publication of data generated from the postdoctoral research project. In addition to these papers, the trainee will assist with grant writing and the development of additional papers. Teaching and mentorship of undergraduate and graduate students may be incorporated into the fellow's responsibilities, as those opportunities become available.

Candidates should have a doctoral degree in epidemiology, statistics, environmental health, or a closely related field. Proficiency in statistical analyses using SAS, R, or STATA is required. Knowledge of health effects of environmental exposures, lifecourse epidemiology, metabolic diseases (including obesity and diabetes), neurocognitive development, advanced epidemiologic methods (including causal inference methods), and statistical approaches to deal with environmental mixtures is a plus. Candidates are expected to have excellent communication and organizational skills and the ability to work independently with limited supervision.

Interested candidates should send a cover letter and CV to Brianna Moore (Brianna.Moore@uth.tmc.edu).