Postdoctoral Fellowship Job Description

Position available: An 18-24 month postdoctoral fellowship position is available in the Division of Epidemiology, Department of Population Health at New York University (NYU) Langone Medical Center.

Qualifications: Applicants must have a doctorate in epidemiology or equivalent degree and have excellent qualifications in, and demonstrated commitment to, epidemiologic research. Experience in working with public health surveillance and large administrative data sources, performing multi-level analyses using small area neighborhood data, and familiarity with causal inference methods for observational research is preferred. Also seeking applicants with strong writing skills and experience with literature synthesis.

Responsibilities: The fellowship will focus on mentored, applied research working with new data sources and approaches to actualize the promise of "big data", with a goal to generate nimble and actionable information for local communities with particular focus on measures of the physical, social and economic environment that pertain to health. The goal will be to improve timeliness, spatial granularity and flexibility of information for policymakers. Emphasis will be placed on identifying promising methods and tools to access and appropriately analyze high-velocity data streams. The fellow will participate in ongoing research and translational projects and lead studies of their own, with mentoring from Dr. Lorna Thorpe and others from a wide variety of fields as appropriate, including but not limited to epidemiology, biostatistics, informatics, and computer science. Specific opportunities exist to participate in or lead studies on the relationship between typologies of cities and health outcomes, examine health effects of racial residential segregation, or assess the impacts of either novel neighborhood-level measures of economic security or air pollution on health. The fellow will also have the opportunity to initiate new projects and develop grant proposals.

Professional environment: The fellowship will take place within the Division of Epidemiology in the Department of Population Health. Faculty members here conduct cutting-edge work on studying the effects of municipal policies and modifiable community determinants on health, measuring social determinants of health, and the use of electronic health records for population estimation. Outstanding training opportunities for multidisciplinary research are available in the Department of Population Health, which has divisions in Epidemiology, Biostatistics, Healthcare Delivery Science, Medical Ethics, Health and Behavior, and Comparative Effectiveness and Decision Science. The fellow will have the opportunity to collaborate with colleagues engaged in the City Health Dashboard project, a Robert Wood Johnson funded initiative to bring measures of health and social drivers to policymakers working in the nation's largest 750 cities. State-of-the-art research resources are available.

New York University is an equal opportunity employer and provides a drug-free workplace. For further information about the Division of Epidemiology, please visit our website (https://med.nyu.edu/departments-institutes/population-health/divisions-sections-centers/epidemiology/).

Application process: To apply, please send a cover letter, CV and contact information for three professional references to Gabriella Macias at gabriella.macias@nyulangone.org.