Overview

Northwestern University’s Center for Translational Metabolism and Health has an immediate opening for one two-year postdoctoral fellowship position that will be supported by the new American Heart Association Strategically Focused Research Network Center at Northwestern. The fellow will conduct disparities research in the fields of cardiovascular disease or chronic kidney disease as part of a multi-disciplinary team science approach to identifying novel social and biological mechanisms of the higher risks of heart failure, kidney disease and death among minorities and the socioeconomically disadvantaged. The training program will include a combination of didactic and experiential training, collaboration with other members in the Center, and a primary mentored research project in basic, clinical or population sciences.

The three primary research projects that the Northwestern Center will conduct include:

1. **Basic**: Molecular Mechanisms of Cardiac Injury Induced by FGF23 in the Settings of High Phosphate Diet and CKD; Principal Investigator: Myles Wolf, MD, MMSc
2. **Clinical**: Impact of Lowering Phosphate Additive Intake on Mineral Metabolism and Cardiovascular Health in Community-living Adults; Principal Investigator: Orlando Gutierrez, MD, MMSc
3. **Population**: Contribution of Fibroblast Growth Factor 23 to Racial Disparities in Left Ventricular Mass and Albumin to Creatinine Ratio; Principal Investigator: Dr. Mercedes Carnethon, PhD, FAHA

Leadership

*Myles Wolf, MD, MMSc*: Center Director and PI of the basic science project that will also include Valentin David, PhD, Christian Faul, PhD, and Hossein Ardehali, MD, PhD as co-investigators.

*Orlando Gutiérrez, MD, MMSc*: PI of the clinical science project at the University of Alabama at Birmingham (UAB).

*Mercedes Carnethon, PhD*: PI of the population science project that will also include Kiarri Kershaw, PhD, Marilyn C Cornels, PhD, Tamara Isakov, MD, MMSc, and Lihui Zhao, PhD as co-investigators.

*Clyde Yancy, MD*: Director of Training Program.

Eligibility

Fellows are required to have completed a postgraduate masters or doctoral degree (MD, PhD, DO, ScD, MBA, MPH or other) prior to beginning the fellowship. The ideal scholar has a background in any of the following disciplines but other expertise will also be considered: clinical medicine, public health, environmental or nutrition health sciences, epidemiology, health policy or administration, or molecular biology. Given the multidisciplinary activities of the fellowship, willingness to cross-train in more than one area is highly valued. All applicants must be eligible to work in the United States.

Application

Applicants must provide a completed personal data form (i.e. CV, resume), a statement of interest and two letters of recommendation. Competitive candidates are invited to share their research experience and interview with members of the Fellowship Selection Committee at Northwestern University.

For additional information, please contact Rachel Cameron at the Center for Translational Metabolism and Health at Northwestern University: rachel.cameron@northwestern.edu; 312-503-1839.