

## Title: **Postdoctoral Research Fellow**

### **Description**

The Environmental Health Disparities and Aging Research group (Diddier Prada, MD, PhD.) at the Institute for Health Equity Research invites highly motivated candidates to apply for Postdoctoral Scientist positions. We are seeking an Environmental and Molecular Epidemiologist to work on projects requiring strong data analysis skills in environmental health studies. Funding is guaranteed for 2 years. The laboratory conducts large-scale epidemiologic studies to investigate harmful environmental exposures to human diseases and its effects in historically minoritized groups. In collaboration with national and global cohorts, the Group uses transdisciplinary methods, combining the most advanced statistical methods with advanced approaches in bioinformatics and multi-omics data to identify and highlight health disparities, including those at the molecular level.

### **Responsibilities include:**

- Lead large-scale epidemiology projects utilizing high-dimensional and multi-omics data to investigate molecular changes activated by environmental exposures by emphasizing the statistical designs and analysis of multi-omic data in large environmental health and/or epidemiology investigations (45%)
- Collaborate with other researchers in designing and conducting data analyses (25%)
- Present results of analyses and discoveries at research conferences and prepare and submit manuscripts for publication (10%)
- Assist in the preparation of grant applications (10%)
- Work with the Group Director to develop new and ongoing projects with group collaborators (5%)
- Other responsibilities as needed (5%)

### **Qualifications**

- Applicants should possess a Ph.D. in Environmental Health, Genetics, Molecular Biology or other relevant disciplines with relevant previous work and interest in environmental epidemiology, molecular epidemiology and/or -omic analysis of historically minoritized groups.
- Excellent oral and written communications skills.
- Ability to organize and prioritize within a changing environment.
- Excellent problem-solving skills and ability to troubleshoot research protocols.
- Ability to work independently with minimal supervision.
- Demonstrate leadership skills and ability to work effectively with other members of the team staff as well as collaborators.
- Demonstrate proficiency in R programming skills or use of other data analysis software.
- Excellent interpersonal and conflict resolution skills and work as team player.
- Demonstrate initiative and attention to detail.

### Other preferred skills and experience:

- Expertise in environmental health, environmental epidemiology, or related area.
- Knowledge of good clinical practice in research
- Understanding of population science/epidemiology approaches.
- Experience designing -omic projects.
- Experience with omics data in Hispanic/Latinx populations a plus.
- Ability to communicate in language other than English a plus

We value diversity of all kinds. Members of historically underrepresented populations in science are strongly encouraged to apply.