Postdoctoral Fellow Position Description

The Health Evaluation and Analytics Lab (HEAL)—led by Dr. Charles Neighbors—is offering a postdoctoral fellowship. The position offers unique opportunities to work closely with state policy makers as well as administrative data.

HEAL is a unique research resource that contains New York Medicaid and other state administrative data to support studies of health and healthcare. The postdoctoral fellow will work within the Health Equity Regional Organizations (HERO) project portfolio. This one-year position offers an exceptional opportunity for a recent PhD graduate to gain valuable experience in policy-relevant research at the intersection of health services, health related social needs (HRSN), social care networks, and population health. In this role, you will play a key part in carrying out data analysis and interpreting findings on large-scale Medicaid claims data. Your work will contribute to understanding the implementation of social care networks, policy impacts, and economic factors within the Medicaid system.

Mentorship and Professional Development

We are committed to fostering the next generation of researchers. As a Postdoctoral Fellow, you will benefit from multiple avenues for mentorship and advising, including:

- **Direct mentorship from a Senior Research Scientist:** You will work closely with a researcher who will provide guidance on research methodologies, data analysis techniques, project management, and career development.
- **Access to distinguished faculty:** Our lab is home to Dr. Charlie Neighbors and Dr. Renata Howland, both of whom will be accessible for advising, scientific discourse, and collaboration opportunities. Dr. Neighbors is behavioral scientist who brings together clinical, statistical, and business expertise to understand and inform about healthcare reform and its impact on individuals struggling with addictions and mental health disorders. His research focuses on examining quality and efficiency of the current treatment system for Substance Use Disorders, studying the impact of system reform efforts, and bringing evidence-based interventions to practice. Dr. Howland is an epidemiologist who uses administrative data to investigate how programs and policies affect maternal and child health, particularly among low-income families.
- **Opportunities for interdisciplinary collaboration:** Engage with a diverse team of researchers, gaining exposure to various perspectives and methodologies. This position will work closely with a Senior Data Analyst.
- **Professional development workshops and seminars:** Participate in institutional programs designed to enhance your research skills, grant writing abilities, and presentation techniques.

Responsibilities

- Conduct rigorous statistical analysis of large healthcare datasets, primarily Medicaid claims data, using various statistical software packages.

- Assist in the design and execution of research studies related to health economics, health policy, and health services

- Detect and address complex issues in data and analytics, suggest new and alternative approaches to solve problems
- Interpret and summarize research findings for presentations, reports, and peer-reviewed publications

- Contribute to the preparation of grant proposals and draft articles for peer-reviewed publications, as well as reports and presentations to a range of audiences
- Participate in lab meetings, seminars, and other academic activities

- Stay current with relevant literature and advancements in health economics, health services research, and data analysis methodologies.

- Clearly communicate processes used and results achieved to technical and non-technical audiences; lead critical discussions of results and techniques

Qualifications

- Ph.D. in Economics, Health Economics, Health Services Research, Public Policy, Biostatistics, Epidemiology, or a related quantitative field
- Proficiency in at least one programming language
- Advanced quantitative analytical skills and demonstrated experience running complex analyses.
- Excellent written and oral communication skills
- Ability to work both independently and collaboratively within a team
- Prior experience with Medicaid or other administrative healthcare claims data is highly desirable.
- Strong ability to identify, analyze and solve problems
- Self-directed and able to manage priorities on multiple projects simultaneously

How to Apply:

Interested candidates should send a CV and a cover letter explaining their research experience and their interest in this position to HEAL@nyulangone.org. Fellowship begins in Fall 2025.