



Open Behavioral Science Post-Doctoral Position

The Rapid RCT lab, led by Leora Horwitz, MD, MHS is part of NYU's Center for Healthcare Innovation and Delivery Science. It helps transform NYU Langone into a learning healthcare system by using rapid cycle randomized controlled trials to test simple, pragmatic ideas.

Already, we have shown that post-discharge telephone calls made no difference to rates of readmission; that our community health worker program was inadvertently targeting patients who were unlikely to benefit; and that changing the text of a tobacco cessation prompt can significantly increase prescriptions. Currently, we are working on projects that include: using LLMs to aid rapid decision making around kidney transplantation; testing whether a notification text to patients' friends & family can improve discharge before noon rates; and seeing if using a bot to auto-pend an order will increase cirrhosis screening rates.

Many of our projects have a behavioral science element, usually focused on encouraging our target audience (be that patients, clinicians, or staff) to take a particular action. We are seeking someone who will bring a greater level of behavioral science rigor to our existing projects, as well as coming up with novel ideas of their own – pushing the edges of how we might apply behavioral science to improve hospital operations and care delivery.

The post-doc would join this team at an exciting time, as we work to identify new strategies, experiments, and ideas from across our healthcare system, as well as increasingly partnering with other institutions across the U.S.

Skills and expertise:

The potential candidate should have a deep understanding of behavioral science, both theoretically and practically. They should be a team player and a self-starter, able to execute (and improve) projects as part of a team, but also able to come up with and deliver their own ideas. They should be familiar with a range of methodological approaches; have a track record of cross-disciplinary work in the context of behavioral science; and display an interest in practical applications of academic scholarship.

Overall Duties and Responsibilities:

- Performs administrative tasks related to running a research project, including:
 - Project management and administration, including supporting with project ideation and design.
 - Research tasks including literature reviews, qualitative research & simple data analysis;
 - Draft and prepare academic papers, attend conferences.
- Coordinates with the frontline teams, analysts, and program director to identify, monitor and support the overall conduct of projects. Supports the other members of the Rapid RCT lab with their work, and helps maintain a positive, learning-based team environment.



- Continually learns and develops themselves and their skills.
- Other analytic, research, or administrative tasks as necessary.

Qualifications

- PhD, DrPH, MD or other relevant doctoral degree with a focus on behavioral science
- Strong interest in behavioral science, implementation science, clinical informatics, digital health and health services delivery
- Priority given to candidates with background in healthcare delivery, evaluation, or with practical experience of applied behavioral science.
- Knowledge of standard computer software packages for data analysis and presentation
- Exceptional writing skills
- Excellent interpersonal and communication skills
- Ability to work independently and apply critical thinking and sound judgement
- Ability to work well under ambiguity with little supervision
- Good organizational and time management skills
- User research, prototyping, programming, analytical, electronic health record research and related interoperability (FHIR, SMART, etc.) or technical architecture experiences highly valued
- Must have current work authorization in the United States

Contact Shawn.Hoke@nyulangone.org

Salary range for this posting: \$65,000-\$82,500