

SIDR – Walker Postdoctoral Associate Job Post

Posting Title

Postdoctoral Associate, Questrom School of Business, College of Communications, and Center for Behavioral Sciences Research, Social Innovation on Drug Resistance (SIDR) Program

Job Description

We are seeking a postdoctoral associate to work on a social media interventions project. The postdoctoral associate will mainly be working with Professors Walker, Groshek, and Borrelli on an interdisciplinary project studying social media interventions. The postdoc will work with the team to design and enact a variety of (bot-based) algorithmic, semi-automated and/or manual social media interventions. We will analyze the impact of interventions on multiple outcomes, including: individual knowledge, beliefs and behaviors and the formation and dynamics of contagions. The postdoctoral associate will have opportunities to engage in all aspects of the study, including presenting research at conferences and publishing research findings in peer-reviewed journals and special interest publications.

This is an unparalleled opportunity for a motivated postdoctoral associate: as part of the Social Innovation on Drug Resistance (SIDR) Program, the associate will be part of a growing, interdisciplinary community of researchers from across Boston University's schools and colleges. Through SIDR's workshops and other activities, the associate will become part of a network of top scholars in the multiple disciplines involved in SIDR.

The program will provide a forum for the associate to present their work as it develops, and the benefit of being associated with leading research entities with a strong global and domestic presence. The worldwide networks from SIDR's founding partners, The Institute for Health System Innovation & Policy and CARB-X, will be available to SIDR postdocs to help their research projects.

This is a two-year position, with a start date on or after July 1, 2018.

Qualifications and Skills

We are looking for a candidate with a PhD in Computer Science, Physics, Computational Social Science, Information Systems, or other related field. The ideal candidate will have:

- Expertise in the collection, processing and analysis of large-scale messy, unstructured or semi-structured datasets
- Advanced knowledge in statistical / econometric modeling and causal inference
- Strong skills and experience in programming in general and specifically in scientific programming (R, Python, SQL), data science and visualization.
- Experience with Natural Language Processing techniques (word embedding, topic analysis, etc.)
- Experience with Neural Networks
- Strong written and oral communication skills

Boston University is committed to building a culturally diverse community and strongly encourages applications from female and minority candidates.

About The Social Innovation on Drug Resistance (SIDR) Program

SIDR is an interdisciplinary program focused on the interaction of human behavior and drug-resistant infections. SIDR was created by The [Institute for Health System Innovation & Policy](#) and the Combating Antibiotic Resistant Bacteria Biopharmaceutical Accelerator, or [CARB-X](#), to further the understanding of how human behavior affects the evolution of drug-resistant microbes and develop the interdisciplinary, social science-based solutions necessary to address the rising threat of drug-resistance. By convening a diverse community of scholars, funding research, and developing the next generation of scientists, SIDR seeks to advance these goals. Learn more about SIDR at www.bu.edu/ihsip/sidr.

The Institute for Health System Innovation & Policy is a Boston University-wide research institute that draws upon the diversity of the Boston University community's constituent schools and faculty, as well as the greater Boston bio-technology and medical ecosystem, to leverage the development of leaders and solutions for the complex current and future problems in healthcare.

CARB-X is the world's largest public-private partnership supporting antibiotic R&D, accelerating a diverse portfolio of at least 20 high-quality antibacterial products towards clinical development by leveraging \$455 million in BARDA funds with matching funds from Wellcome Trust.

Salary & Benefits

The SIDR Postdoctoral Associate will receive a competitive salary above NIH postdoctoral stipend rates. As an employee of Boston University, the postdoctoral associate will be eligible for a variety of outstanding benefit programs offered through the university. To learn more, visit www.bu.edu/benefits.

How to Apply

To apply, submit a CV with a publication list, cover letter, a relevant publication or writing sample, and three references via email to rtflynn@bu.edu. Please use "SIDR Postdoctoral Associate Application" as the subject line of your email.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. Boston University is a VEVRAA Federal Contractor.

Job Location

Boston, Massachusetts, United States

Position Type

Full-time/Regular