

## **Postdoctoral Associate – Computational Social Science, Questrom BU**

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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 who is interested in computational social science broadly and more specifically social media analysis and digital experimentation. The postdoctoral associate is expected to begin Fall 2019 (or sooner) for two years and will mainly be working with Professors Dylan Walker, Jacob Groshek, and Linda Borrelli on interdisciplinary projects studying misinformation on social media and tests of real-world techniques to combat it. We are seeking a candidate with experience and skills in some of the following areas: experience with social media data collection and analysis, experience with online experiments, computational skills (e.g. machine learning, natural language processing, statistical modeling and causal inference). The postdoctoral associate will have opportunities to engage in all aspects of the study, including designing and conducting research studies, analyzing data, presenting research at conferences, and publishing research findings in peer-reviewed journals. The associate will be part of a growing, interdisciplinary community of researchers from across Boston University's schools and colleges. Through workshops and other activities, the associate will become part of a network of top scholars in the multiple disciplines.

### ***Qualifications and Skills***

We are looking for a candidate with a PhD in Computer Science, Physics, Computational Social Science, Information Systems, Engineering (such as IE, ECE) or other related fields. 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.

### ***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](http://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](mailto: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