## Position Description

Tyler McCormick and colleagues are seeking three or more *Postdoctoral Scholars* (12-month service period) to collaborate in research and join an interdisciplinary team working on methodology, data collection, and analysis directed by scientific questions in the social and health sciences.

The scope of the positions is open. Potential projects include, but are not limited to:

- Improving data collection efficiency and accuracy in link-tracing designs (e.g. Respondent driven sampling)
- Partial graph data collection strategies for networks (e.g. Aggregated Relational Data)
- Large scale models for anomaly detection on graphs
- Developing models to represent structure in networks using low dimensional manifolds
- Modeling demographic and health trends in low-resource settings
- Developing a decision-making framework for policy decisions based on predictions from statistical and machine learning models

Postdoctoral scholars are represented by UAW 4121 and are subject to the collective bargaining agreement, unless agreed exclusion criteria apply. For more information, please visit the University of Washington Labor Relations website ([https://hr.uw.edu/labor/2019/06/03/agreement-reached-with-uaw-postdoctoral-scholars-on-2019-2021-contract](https://hr.uw.edu/labor/2019/06/03/agreement-reached-with-uaw-postdoctoral-scholars-on-2019-2021-contract)).

### Qualifications

Applicants must have a Ph.D. in Statistics, Computer Science, Economics, Sociology, or related field.

### Application Instructions

Applicants should submit a cover letter, a statement describing your experience and commitment to diversity, equity and inclusion, curriculum vitae, names of three references, and PDFs of any relevant papers not published or available online. All application materials should be submitted online at: [http://apply.interfolio.com/100917](http://apply.interfolio.com/100917)

Review of applications will begin immediately, though applications received by *March 1, 2023* are guaranteed full consideration and review of applications will continue until the positions are filled. Please email Tyler ([tylermc@uw.edu](mailto:tylermc@uw.edu)) if you're interested and would like to discuss potential projects. Please see [thmccormick.github.io](https://thmccormick.github.io) for further information.

### Equal Employment Opportunity Statement

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

### Commitment to Diversity

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint ([http://www.washington.edu/diversity/diversity-blueprint/](http://www.washington.edu/diversity/diversity-blueprint/)). Additionally, the University's Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member’s academic profile and responsibilities ([https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432](https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432)).
COVID-19 Vaccine Requirements and Information
Under Washington State Governor Inslee’s Proclamation 21-14.1, University of Washington (UW) workers must be fully vaccinated against COVID-19 and provide proof thereof, or receive a UW-approved medical or religious exemption. This requirement will be a condition of any offer associated with this recruitment. For more information, please visit https://www.washington.edu/coronavirus/vaccination-requirement/.