



Postdoctoral Research Fellow in Science of Science & Innovation

The University of Michigan School of Information announces a Postdoctoral Research Fellowship position to conduct research in the area of Science of Science and Innovation. Working with Assistant Professor Misha Teplitskiy, the Fellow will design and conduct experiments and quantitative analyses of large-scale datasets in order to understand the factors that drive scientific discovery. The Fellow will have substantial room to propose and lead new projects that fit this agenda. The position will start September 1, 2021, or as soon as feasible by mutual agreement. This is a 1-year position that is extendable to 2 years, conditional on performance.

Salary: Competitive salary, with a benefits package, opportunities to supervise one or more paid undergraduate or master's research assistants, and funds for travel.

To apply: Applying is easy and pain-free: just email your CV and a brief introduction to Misha Teplitskiy at tepl@umich.edu. (Potential subsequent steps will require an interview, writing samples, and letters of recommendation.) Review of applications will begin immediately and continue until the position is filled.

Position Description

The Research Fellow will work on one or more of Professor Teplitskiy's current projects in science of science & innovation and develop their own agenda. Current projects include (1) using large-scale peer review data to understand expert judgment and the returns to various research strategies, and (2) survey experiments on perceptions of scientific quality. Field experiments in scientific organizations may also be possible. The Fellow will also have substantial room to propose projects. This is not a position in which one is hired to execute predefined tasks. On the contrary, the Fellow will be expected to explore, propose, and lead. The position is perfect for someone with strong interest and experience in innovation studies, experiments and causal inference more generally, and quantitative analysis of large observational data. Depending on interest, the Fellow will have the opportunity to participate in writing grant proposals. They will be treated as a colleague, mentored, and launched off to the next career stage. The Fellow will be joining School of Information's vibrant community of Postdocs, with group activities and structured mentorship.

Qualifications

Required:

- A Ph.D. in the Social Sciences (Sociology, Economics, Management, or related) or Computational Sciences (Computer Science, Information, Applied Math, or related) by the start date.
- A strong background and experience with statistics and quantitative research methods.
- Programming experience and comfort with handling and analyzing large data sets.
- Demonstrated ability to independently plan and conduct research projects and publish results. Motivation and initiative, excellent communication skills, and the ability to work

independently as well as in a team.

Desired:

- Experience with experimental methods.
- Experience with causal inference methods.

Additional Information

The Postdoctoral Fellow may need to work remotely, depending on pandemic conditions. Once in-person work/education at the University of Michigan resumes, the Fellow will have office space at the School of Information and will be expected to contribute to the intellectual life of School.

Background Screening

The University of Michigan conducts background checks on all job candidates upon acceptance of a contingent offer and may use a third party administrator to conduct background checks. Background checks will be performed in compliance with the Fair Credit Reporting Act.

UM EEO/AA Statement

The University of Michigan is an equal opportunity/affirmative action employer.