



RESEARCH OPPORTUNITY: Information Pathway Analysis in Multi-Team Systems

Course Credit:

Research Practicum registration #: 389 (COMM_ST) or
Independent Study registration #: 399-0 (IEMS)

Duration:

Winter Quarter 2017 and possibly extended to subsequent quarters

Location:

SONIC Lab, Frances Searle Building 1-459
2240 Campus Dr.
Evanston, IL 60201

Organization Overview:

The Science of Networks in Communities (SONIC) research group advances social network theory and methodology through the development of cutting-edge techniques to understand and enable networks in diverse communities. For more information, please visit <http://sonic.northwestern.edu/about>

Internship Description:

The Information Pathway Analysis in Multi-Team Systems (MTS) Intern will work in a research team that is using datasets collected from a large-scale experiment designed to understand work processes in organizations with multiple interdependent teams. The aim of this project is to determine how information is shared efficiently within and across teams, and how that knowledge is utilized strategically. Interns will gain an opportunity to learn about the full spectrum of the social science research process by conducting literature reviews, applying text mining and database search, and conducting static and dynamic social network analysis. The intern will work toward co-authoring a paper for an academic conference or journal.

Required Qualifications:

This position is open to current undergraduates enrolled in an accredited degree-seeking program at Northwestern. Candidates must be able to demonstrate close attention to detail, proficient writing/communication skills, analytic thinking, emphasis on deadlines, and the ability to collaborate on evolving projects. Skills with Microsoft Excel are required.

Preferred Qualifications:

Ideal candidates will have a strong interest in social science research and will have experience with the R programming language. Prior experience with research, independent projects, and knowledge of statistical methods is highly preferred.

Application Instructions:

Please send a resume and brief cover letter describing your interest in the position to Aaron Schechter (aaronschechter2016@u.northwestern.edu) in time for the 2017 Spring quarter registration on March 31, 2017.