



RESEARCH OPPORTUNITY: Historical Networks Internship

Course Credit:

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

Duration:

Winter Quarter 2017 (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 Historical Networks Intern will work in a research team using historical data on diplomatic and international relations from the 16th-20th centuries. Interns will gain an opportunity to learn about the quantitative historical research process, including data collection, digitization and feature extraction, and statistical analysis while examining a variety of research questions relating to the processes and dynamics of international relations over the last 400 years. In particular, the intern will be involved in the preparation of data and optical character recognition, computational methods and social network analysis, review of articles on recent theories and methods, and 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.

Preferred Qualifications:

Ideal candidates will have a strong interest in social science research and will have experience with Python and/or 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 Michael Schultz (michael.schultz@northwestern.edu) in time for the 2017 Spring Quarter registration on March 31, 2017.