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.