The Social Science Division at Swarthmore College invites applications for a three-year, instructional staff position: Social Science Quantitative Laboratory (SSQL) Associate to begin January 2017. The SSQL associate will promote students’ quantitative and computational skills by providing tutorial services that support the coursework and research component of courses in the social science curriculum. The associate’s responsibilities include the following:

-- Familiarizing students with statistical software such as Stata, Matlab, R, Excel, Qualtrics, SPSS, and SAS widely used in the social sciences.

-- Being available in both academic semesters, but also during winter and summer breaks to meet with social science faculty teaching quantitative courses to collaborate on how best to support their work with students.

-- Assisting students with the identification, manipulation, and analysis of data sets.

-- Offering mini-courses on essential dimensions of independent research such as data-cleaning, merging data sets, creating visual representations of data, creating and editing variables, and exporting data analyses into various platforms.

-- Holding office hours for data management advice and supporting students at all stages of their empirical research.

-- Creating opportunities for students with less experience in quantitative and computational methods to develop skills and confidence.

Qualifications: Master of Arts/Science (MA or MS) in Economic, Statistics, Computer Science, Applied Mathematics, Sociology, or Political Science. The focus of degree work should be social scientific applications of quantitative methodologies. Programming experience in Stata, Matlab and/or R.

Candidates should submit a cover letter, curriculum vitae, graduate transcript, and three letters of recommendation through https://academicjobsonline.org/ajo/jobs/7684. In addition, please submit a syllabus for a mini-course (5 or 6 weeks) on the essential dimensions of independent empirical research and a writing sample of not more than 30 pages that demonstrates quantitative acuity and effective communication of methodological ideas. In your cover letter, please describe briefly your knowledge of statistical software; what would be attractive to you about working in a liberal arts college environment; and what experiences or interests make you a strong tutor of students from diverse backgrounds. The deadline for applications is 23 September 2016.

Swarthmore College is a highly selective liberal arts college, located in the suburbs of Philadelphia, whose mission combines academic rigor with social responsibility. Swarthmore has a strong institutional commitment to inclusive excellence through diversity in its educational program and employment practices. The College actively seeks and welcomes applications from candidates with exceptional qualifications, particularly those with demonstrable commitments to a more inclusive society and world.