Position Title: Statistics/Data Science Tenure Track 2020

Department: Mathematics, Statistics, and Computer Science

Position Summary:
The Department of Mathematics, Statistics, and Computer Science (MSCS) at St. Olaf College invites applications for two full-time, tenure track positions in Statistics or Data Science at the Assistant Professor level to begin in August 2020. Applications must be submitted through http://www.mathjobs.org.

Position Description:
A Ph.D. in statistics, biostatistics, computer science, or a field of study with a significant focus on computation and data is required, ideally by the time of appointment. Candidates must have a demonstrated interest in and dedication to undergraduate teaching. The normal teaching load is six courses per year including introductory, intermediate, and advanced courses in statistics and data science, with opportunities to teach related courses that support thriving programs in mathematics and computer science. We expect that the successful candidates will also help us develop a vision and implement curricular ideas to reflect the ways in which statistics and data science are currently used and to potentially increase the presence of data science, both within our department and college-wide. Potential new courses include data visualization, databases, and data ethics.

Candidates will be expected to develop and maintain an active research program and to contribute to the department’s commitment to research by and involving undergraduates, especially through St. Olaf’s Center for Interdisciplinary Research. Additional responsibilities include service to the department and college.

St. Olaf’s Department of Mathematics, Statistics, and Computer Science is particularly interested in applicants who will continue to contribute to our diverse community and broaden our curricular offerings. We request that, in their application materials, candidates address their potential to contribute to St. Olaf’s core value to promote a diversity of people and perspectives. We strongly encourage applications from members of underrepresented groups.

Applications must be submitted online, through http://www.mathjobs.org. A completed application includes:

- cover letter addressing your general interest in the liberal arts and particular interest in St. Olaf College
- current curriculum vitae
- graduate transcripts (unofficial are acceptable)
- three letters of recommendation (at least one must directly address teaching)
- statement on teaching philosophy
- statement on research program (including research for undergraduates)
- statement on diversity and inclusion in statistics and data science (1 page maximum)

Review of applications will begin October 11, 2019, and continue until the positions are filled. On-campus interviews are expected in November, 2019.

Questions about the position, department, or college may be addressed by e-mail to Prof. Paul Roback, Search Committee Chair, at tt2020stats@stolaf.edu.

Graduating annually about 70 mathematics majors, 40 statistics and data science concentrators, and 25 computer science majors, St. Olaf’s MSCS Department is among the largest and most successful among American liberal arts colleges, and it is among the nation’s top undergraduate origins of Ph.D.’s in the mathematical sciences. With many majors and concentrators to serve, our nearly 20 faculty members regularly offer a wide variety of courses, including offerings in multilevel modeling, machine learning, statistical theory, modern computational mathematics, and data science with R and Python. In a typical summer, 10-15 students do supported summer research with department faculty and many more do research with faculty during the academic year.

Our department is proud to be the home of outstanding programs in mathematics, statistics and data science, computer science, mathematical biology, and math education. While maintaining disciplinary rigor, we seek interactions and synergy among the programs. The Center for Interdisciplinary Research is a nationally recognized program with a 15-year history of pairing faculty and students in MSCS with faculty and students from other disciplines “to share in the excitement and challenge of working across the traditional academic boundaries to
collaborate on research." With support form the National Science Foundation, the department is also undertaking a five-year project entitled dataSTEM aimed at increasing participation in data science from students who are currently underrepresented in the STEM fields.

Founded in 1874, St. Olaf College is a residential, coeducational liberal arts college with approximately 3,000 students and 800 faculty and staff employees. It is located in Northfield, Minnesota, about 45 minutes from Minneapolis and St. Paul with their rich and diverse cultural resources. The college offers an academically rigorous, nationally ranked liberal arts education that fosters the development of the whole person in mind, body, and spirit and emphasizes learning in an inclusive and globally engaged community.

*To provide a safe and secure educational environment, St. Olaf College verifies the accuracy of all credentials presented by applicants and conducts a criminal background check on every new hire.*

Desired Qualifications:

Prerequisite(s):
- Criminal Background Check

Type of Position:
- Faculty - Full-time Tenure Track

Desired Start Date:
- 08/15/2020

Open Until Filled:
- Open Until Filled