Position Title:
Assistant Professor in Statistical Machine Learning and Data Science

Job Description:
Summary of Duties and Responsibilities:
The Department of Statistics at Iowa State University seeks a tenure-track assistant professor with foundational training in statistics and expertise in statistical machine learning and/or data science. The successful candidate will develop and sustain a high-quality and high-impact research program, successfully compete for external funding, and collaborate with world-class researchers at Iowa State in statistics and other disciplines. Further, the successful candidate will engage in professional and institutional service, teach undergraduate students, and teach and advise graduate students in one of the largest statistics’ graduate programs in the country.

Required Minimum Qualifications:
• A Ph.D. or equivalent degree in statistics or a closely related discipline.

Preferred Qualifications:
• Foundational training in statistics with expertise in statistical machine learning and/or data science.
• Experience that demonstrates the ability to teach statistics classes at the undergraduate and graduate levels.
• Experience that demonstrates the ability to develop and sustain a high-impact research program with the potential to secure external research funding.
• Experience that demonstrates the ability to collaborate effectively with researchers in other disciplines.

Department Information:
The Department of Statistics at Iowa State University has a rich tradition of developing quantitative methods for researchers in a broad range of scientific and engineering disciplines. The doctoral program in Statistics is ranked as one of the top programs in the country, graduating about 15 PhD students annually. The program currently has about 140 graduate students, more than 100 undergraduate majors, and 37 faculty. Faculty and students have traditionally maintained strong collaborations across campus. The Statistics Department is located in Snedecor Hall, which received an extensive renovation in 2009. The Department of Statistics is jointly administered by the College of Agriculture and Life Sciences (CALS) and the College of Liberal Arts and Sciences (LAS).

College Information:
The College of Agriculture and Life Sciences is one of the world’s leading institutions of agriculture, with more than 160 years of leadership in science, education and extension. The college educates future leaders, conducts mission-oriented research, and shares new knowledge for the betterment of Iowa and the world. The college has about 4600 students and about 715 dedicated faculty and staff serving 15 departments.
Liberal Arts and Sciences is the largest college at Iowa State University, with about 7,000 students, 22 departments, one professional school, and numerous cross-disciplinary programs. Its internationally renowned research programs in science, social science, and the humanities form the intellectual core of the university, while its broad curricular offerings and emphasis on student-centered learning engage every student on campus.
Application Instructions:
Applications will be accepted until the position is filled. However, to receive full consideration, applications should be received by 12/01/2021. All interested, qualified persons must apply for this position online https://isu.wd1.myworkdayjobs.com/IowaStateJobs/job/Ames-IA/Assistant-Professor-in-Statistical-Machine-Learning-and-Data-Science_R6587
Please be prepared to enter or attach the following:

- Cover letter
- Curriculum vitae (CV)
- Contact information for three references
- Graduate transcript(s)
- Additional documents submitted as one combined PDF:
  - Research statement
  - Teaching statement
  - Diversity, equity, and inclusion statement

For any questions regarding the application, please contact Kathy Kiesling at kiesling@iastate.edu.

Number of Months Per Year: 09 Month Work Period

Time Type: Full Time

Iowa State University is classified as a Carnegie Foundation Doctoral/Research University-Extensive, a member of the Association of American Universities (AAU), and ranked by U.S. News and World Report as one of the top public universities in the nation. More than 30,000 students are enrolled and are served by over 6,200 faculty and staff.

Iowa State University is a global and culturally diverse university committed to providing an inclusive, equitable, and diverse environment for both learning and employment. We know that diversity in experience and perspective is vital to advancing innovation, critical thinking, solving complex problems, and building an inclusive academic community. At Iowa State, we translate these values into action by seeking individuals who have experience working with diverse students, colleagues, and constituents. The university has an expectation that all employees will demonstrate a contribution to diversity and inclusion as embodied in Iowa State University’s Principles of Community.

All offers of employment, oral and written, are contingent upon the university’s verification of credentials and other information required by federal and state law, ISU policies/procedures, and may include the completion of a background check.

Iowa State University is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, genetic information, national origin, marital status, disability, or protected veteran status and will not be discriminated against. Inquiries can be directed to the Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, 515 294-7612, email eooffice@iastate.edu.