Job Title: Assistant Professor of Statistics

Job Summary

The Department of Statistics in the College of Science at Purdue University invites applications for multiple positions in Data Science to begin in August 2022 or a future date subject to negotiation. These appointments will be at the level of assistant or associate professor. Early career candidates with exceptional qualifications may be considered for a term-limited early career endowed professorship. There are additional positions in data science at Purdue in both the Computer Science and Mathematics departments. Candidates are encouraged to apply for all that are relevant. Joint appointments with other departments are possible based on candidate and departmental interests.

Qualifications and Expectations

Successful candidates will combine an outstanding record of research excellence with a commitment to effective and engaged teaching. Appointments will be made based on demonstrated research and teaching qualifications. Candidates must have a Ph.D. (or its equivalent) in Statistics, or a closely related field, or an established research record in these related areas. We particularly encourage candidates who demonstrate the potential for collaboration across multiple disciplines.

We are interested in all aspects of data science and related fields. This includes, but is not limited to, the following areas:

- Statistical learning
- Foundation of data science
- Big data analysis and applications for high-impact/emerging topics
- Statistical computing, optimization, and algorithms

Successful candidates are expected to develop a vibrant research program supported by external funding, teach undergraduate and/or graduate courses to a diverse student body, and supervise graduate students. Senior faculty will also mentor junior faculty and participate in the governance of the department, the College of Science, and Purdue University by serving on faculty committees.

Department and College

The Department of Statistics at Purdue University is one of the largest statistics departments in the nation. The department offers a stimulating academic environment with active research programs in most areas of statistics. The department offers undergraduate programs in Statistics and Data Science, and graduate MS and PhD programs in Statistics. For more information, see https://www.stat.purdue.edu.

These positions in Data Science come at a time of significant investment for the College of Science, comprising the statistical, mathematical, computational, physical, and life sciences,
with opportunities for collaboration across the College and University. Purdue itself is one of the nation’s leading land-grant universities, with an enrollment of over 41,000 students primarily focused on STEM subjects.

**Application Requirements**

Applicants should apply online at this [LINK](#). A background check will be required for employment. Review of applications and interviews will begin December 1, 2021, and new applications will be considered until positions are filled. Inquiries can be sent to facsearch@stat.purdue.edu.

The following materials are required:

- Cover letter
- Curriculum vitae including a list of publications
- Statement of research
- Statement of teaching
- Statement on diversity and inclusion
- Three letters of recommendation

**Diversity Statement**

Purdue University’s College of Science is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. We encourage candidates to address at least one of these areas in the separate statement on diversity and inclusion, indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity, and inclusion. Salary and benefits are competitive, and Purdue is a dual-career friendly employer.

**Equal Opportunity**

*Purdue University is an EOE/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*