Five Tenure Track Positions in Statistics

The Statistics Department at the University of Nebraska-Lincoln is pleased to recruit candidates for five tenure-leading assistant professor positions. We are seeking candidates primarily in emerging or rapidly advancing branches of statistics who have demonstrated a high level of skill in methodology, data analysis, and computation.

The successful candidates will develop high-impact, nationally and internationally recognized research and teaching programs in the theory, methodology, and analysis appropriate to important contemporary data driven problems. The Department will support successful candidates to establish effective disciplinary and trans-disciplinary collaborations including integration with existing research groups; connect with stakeholders, agency, and/or industry partners; obtain and leverage external and internal support (grants, fee revenue, etc.) for research and teaching activities; mentor undergraduate and graduate students; publish in high-quality, high-impact peer-reviewed journals and participate in scientific meetings and other appropriate activities; and translate research-based information into learner-centered products.

The successful candidates will be expected to teach up to four regular courses per academic year with considerable reductions to encourage research and other professional productivity. In addition, the successful candidates will participate in program and curriculum development. The contract length is negotiable (nine month or twelve month) and may include an extension component.

Minimum qualifications: PhD in Statistics, applied mathematics, or closely related field. Experience with one or more data types in emerging or rapidly advancing fields within statistics, as demonstrated by refereed papers, presentations, or other completed projects, e.g., PhD thesis. Computing and methodological skills appropriate to the analysis and modeling of data types with which the candidate has experience.

Preferred qualifications: Demonstrated methodological novelty and creative ability in one or more area of statistics that are recently emerged or are currently rapidly advancing. This includes, but is not limited to, Bayesian statistics, temporal data, statistical image analysis, data science, and prediction using data mining and machine learning techniques. Experience collaborating (including data collection) with subject matter researchers in the general area of agricultural and natural resources. Sophisticated computational skills including data management, data sharing, algorithm design, and coding. Communication skills, written, verbal and otherwise, at a level sufficient to interact easily with a broad range of researchers at UNL, with the academic world more generally, and with the broader Nebraska agricultural and natural resources community.

To view details of the position and make application, go to http://employment.unl.edu, requisition F_180165. Applicants will be required to attach a letter of interest, curriculum vitae, contact information for three professional references, a one-page teaching statement, and a one-page statement of research interests as they apply to the subject matter areas of agricultural sciences and natural resources. Review of applications begins December 15, 2018 and continues until the positions are filled or the search is closed.