

Statistics

Department of Mathematics, Lehigh University

2018-2019

Advertisement:

Lehigh University's Department of Mathematics seeks applications to fill two tenure-track positions in statistics or applied probability. We seek individuals with a specialization in an area of Statistics or Probability which includes connections to some area of application or development of computational tools for applications of statistical modeling and modern statistical analysis. Individuals should have expertise in one of the following areas: theory of statistics, statistical modeling of high-dimensional data, statistical decision making, machine learning, statistical aspects of risk theory or financial mathematics, stochastic modeling in mathematical biology, risk modeling, statistical aspects of actuarial science or complicated data analytics using stochastic models with applications in data science. Other specialties that mesh with departmental needs will be considered. Ability in teaching the theory of statistics and some intermediate level courses in computational statistics is required.

Candidates must have a Ph.D. in Statistics or Mathematics or a related field at the time of employment. Excellent teaching and stellar research credentials are enshrined in our faculty and department. Our faculty are committed to contributing to research, teaching, and service to the diversity and excellence of the academic community.

This search is running in conjunction with a search for a tenure track position in biostatistics in the Department of Biological Sciences. Lehigh University has recently launched the *Data X* initiative in interdisciplinary computer science and data analytics and also the *Path to Prominence: a new vision for Lehigh* initiative, which includes as a key element the creation of a new College of Health.

Review of Applications - Applications received by **October 19, 2018** will be assured of full consideration. Applications should be submitted online at mathjobs.org. A complete application should include:

- (a) an AMS cover sheet;
- (b) a complete vita, including a list of publications;
- (c) a research statement;
- (d) a statement of teaching philosophy; and
- (e) at least four letters of recommendation, at least one of which addresses the candidate's qualifications as a teacher.

Inquiries can be addressed to Professor Wei-Min Huang: wh02@lehigh.edu.

Lehigh University is a doctoral research university that ranks in the top 50 among national universities in the 2018 U.S. News & World Report ratings. It is located on a scenic, 1,600-acre campus in a region of eastern Pennsylvania known as the Lehigh Valley, a vibrant and historic community about one and one-half hours from New York City and Philadelphia and with a

population of about 1 million residents. The Lehigh Valley is an attractive place to live and work with reasonable cost of living, easy commuting, good schools, and abundant cultural and outdoors activities.

The College of Arts and Sciences at Lehigh is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

Lehigh University was a 2010 NSF ADVANCE Institutional Transformation Grantee and continues to sustain and enhance recruitment, retention and advancement of women faculty in Science, Technology, Engineering, and Mathematics at Lehigh. A new NSF ADVANCE grant “Patriot League Institutions Mentor Associate Professors WISEly” will adapt a mentoring program across a six-institution network. Lehigh ADVANCE supports creating inclusive systems and evidence-based programs so all faculty can thrive in their careers at Lehigh.

Lehigh offers excellent comprehensive benefits including domestic partner benefits. Visit <http://www.lehigh.edu/~inprv/faculty/worklifebalance.html> for information on Lehigh’s work/life balance initiatives.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender, gender identity, genetic information, marital status, national or ethnic origin, race, religion, sexual orientation, or veteran status.