About UMass Amherst

The Department of Biostatistics and Epidemiology at the University of Massachusetts Amherst consists of 24 faculty who conduct collaborative, cutting-edge research in a variety of areas. The Biostatistics Program has ten faculty members whose methodological research focuses on areas such as Bayesian methods, methods for high-dimensional data, machine learning, clinical trial design, causal inference, time-series analysis, missing data, and survival analysis. Specific areas of application include multi-omics research, biomarker discovery, population genetics, demography, epidemiology, infectious disease, and analysis of electronic medical record data. Department members collaborate extensively with faculty from other departments across campus, the University's Medical School, and Baystate Medical Center. Our program also maintains active collaborations with the United Nations, the World Health Organization, the US Centers for Disease Control and Prevention, the Massachusetts Department of Public Health, and other governmental agencies and academic institutions in the US and internationally.

The University of Massachusetts Amherst is the flagship campus of the University of Massachusetts system, and is home to over 22,000 undergraduate and 7,100 graduate students. The University of Massachusetts at Amherst is located in the scenic Pioneer Valley of western Massachusetts. The area is home to the Five Colleges (Amherst College, Hampshire College, Mount Holyoke College, Smith College, and the University of Massachusetts), with many opportunities for inter-institutional collaboration. The Pioneer Valley has been ranked as a top-20 location in the US in terms of quality of life, as the region boasts a rural setting with easy access to Boston, Hartford, and New York City.

Job Summary

The Biostatistics Program in the Department of Biostatistics and Epidemiology seeks two (2) tenure track faculty at the rank of Assistant Professor. We are interested in candidates with deep research experience in one or more areas of applied and/or methodological biostatistical research. Successful applicants will be dynamic, collaborative researchers, whose methodological work is inspired by pressing problems in public health and biomedical sciences. Candidates should have demonstrated potential to develop an extramurally funded research program in biostatistical methods and/or application.

Essential Functions

The Biostatistics Program in the Department of Biostatistics and Epidemiology seeks two (2) tenure track faculty at the rank of Assistant Professor. Responsibilities will include research, advising students, teaching at graduate and undergraduate levels, and departmental, school and university service.
Minimum Qualifications (Knowledge, Skills, Abilities, Education, Experience, Certifications, Licensure)

Candidates for this position must meet the following minimum requirements:

- Terminal degree (e.g., PhD, ScD) in biostatistics or closely related field of study;
- Evidence of potential to conduct independent and collaborative federally funded research;
- Strong record of peer-reviewed publication given career stage;
- Excellent oral and written communication skills; and
- Demonstrated interest and ability in teaching and advising at the undergraduate or graduate level.

Additional Details

The University of Massachusetts believes a broad diversity is essential to an inclusive climate and critical to the University's goals of achieving excellence in all areas. We will holistically assess the many qualifications of each applicant and favorably consider an individual's record working with students and colleagues with broadly diverse perspectives, experiences, and backgrounds in educational, research or other work activities. We will also favorably consider experience overcoming or helping others overcome barriers to an academic degree and career. The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.

Salary Information

Salary/Benefits: The University of Massachusetts tenure-track positions provide nine-months of guaranteed salary support plus the option for faculty to secure summer salary support from other sources (e.g., grants, contracts, consulting) to pay for the additional three months of salary. The University also offers attractive benefits, including: attractive start-up packages for new faculty, one semester of paid family leave for the arrival of a new child, paid sabbatical leaves and the option to participate in state sponsored pension and retirement plans.

Special Instructions to Applicants

Application Instructions: The application review process will begin October 1, 2022 and will continue until the position is filled. The earliest anticipated start date is September 2023.

Applications: Interested candidates should submit a curriculum vitae, a description of their research and teaching interests, a diversity statement that details how their research, mentoring, and teaching will promote diversity and inclusivity at our school, and the names of three references here [https://careers.umass.edu/amherst/en-us/job/515600/assistant-professor](https://careers.umass.edu/amherst/en-us/job/515600/assistant-professor)
biostatistics-epidemiology-2-positions. Applicants are encouraged to include in their application materials specific personal or professional reasons why they would be excited to join the Biostatistics faculty at UMass Amherst.

UMass Amherst is committed to a policy of equal opportunity without regard to race, color, religion, gender, gender identity or expression, age, sexual orientation, national origin, ancestry, disability, military status, or genetic information in employment, admission to and participation in academic programs, activities, and services, and the selection of vendors who provide services or products to the University. To fulfill that policy, UMass Amherst is further committed to a program of affirmative action to eliminate or mitigate artificial barriers and to increase opportunities for the recruitment and advancement of qualified minorities, women, persons with disabilities, and covered veterans. It is the policy of the UMass Amherst to comply with the applicable federal and state statutes, rules, and regulations concerning equal opportunity and affirmative action.