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Human Resources

Careers at UMass Amherst

Tenure Track Assistant Professor - Quantitative Microbiology

Job no: 502843

Work type: Faculty Full Time

Location: UMass Amherst

Department: Microbiology

Union: MSP

Categories: Faculty

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About UMass Amherst

UMass Amherst, the Commonwealth's flagship campus, is a nationally ranked public research university offering a full range of undergraduate, graduate and professional degrees. The University sits on nearly 1,450-acres in the scenic Pioneer Valley of Western Massachusetts, and offers a rich cultural environment in a bucolic setting close to major urban centers. In addition, the University is part of the Five Colleges (including Amherst College, Hampshire College, Mount Holyoke College, and Smith College), which adds to the intellectual energy of the region.

Job Description:

The Department of Microbiology (<http://www.micro.umass.edu>) at the University of Massachusetts Amherst invites applications for a tenure-track Assistant Professor position in quantitative microbiology. We are looking for candidates who would broadly extend the quantitative and computational capabilities of our Department and address basic collaborative questions in pathogenic microbiology, environmental microbiology, and/or microbial genetics. We especially encourage applications from those with expertise in molecular and cellular biology, microbe-host and microbe-habitat systems, microbial diversity, or large microbial data set analyses. The successful applicant will be expected to establish an extramurally funded research program and to contribute to undergraduate and graduate teaching and advising, consistent with the teaching responsibilities of our faculty. The new faculty member will have the opportunity to participate in strong departmental and interdepartmental graduate training programs. Salary and start-up will be commensurate with qualifications and experience, and the University of Massachusetts provides an attractive fringe benefits package.

The appointment will be in the Department of Microbiology in the College of Natural Sciences (<http://www.cns.umass.edu>). The Department has a strong commitment to microbiology research and to graduate and undergraduate education. It is housed in modern research facilities with interactive faculty with strengths in pathogenic microbiology, environmental microbiology, and microbial genetics and biotechnology. The Department of Microbiology also has excellent core facilities

(<https://www.umass.edu/ials/core-facilities>) and is part of both the Institute for Applied Life Sciences (IALS) and the School of Earth and Sustainability. IALS and the UMass Amherst campus are committed to the development of translational research programs and to fostering interactions with industry.

Requirements:

Qualified candidates must have a doctoral degree in Microbiology or a closely-related field, postdoctoral experience, and outstanding potential to establish an externally-funded research program.

Additional Information:

Review of applications will begin on November 15, 2019 and will continue until the position is filled, with an anticipated start date in 2020.

Application Instructions:

Candidates should provide the following in their application packages: (1) a cover letter addressed to the Search Committee Chair, Dr. Steven Sandler; (2) provide names and contact information for three individuals who are willing to write a letter of recommendation; (3) a curriculum vitae; (4) a research plan; (5) a statement of teaching interests; and (6) a Statement of Contribution to Diversity, Equity, and Inclusion, identifying past experiences and future goals. These contributions may result from lived experiences, scholarships, and/or mentoring, teaching, and outreach

activities. <https://www.cns.umass.edu/diversity-equity-inclusion>.

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.

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