Assistant Professor - Biology - Animal Physiology

**Job no:** 510148

**Work type:** Faculty Full Time

**Location:** UMass Amherst

**Department:** Biology

**Union:** MSP

**Categories:** Faculty, College of Natural Sciences

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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 Biology at the University of Massachusetts Amherst ([https://www.bio.umass.edu/biology/](https://www.bio.umass.edu/biology/)) invites applicants for a full-time, tenure-track position in animal physiology. This is an academic year appointment at the level of Assistant Professor.

We seek to hire a Comparative, Environmental, or Ecological Animal Physiologist whose research focuses on the mechanistic basis for physiological processes, physiological responses to environmental change, the evolution of physiological systems, or related areas. We emphasize the importance of the use of physiological tools in conjunction with -omics level approaches to elucidate connections between genotype and phenotype. The successful candidate will be expected to establish a high caliber, externally funded research program, effectively teach and mentor both graduate and undergraduate students, and contribute to service in support of the department and college. Of particular importance, the successful candidate will have a demonstrated understanding of the strength that is brought to science through diversity, equity, inclusivity, and accessibility. This new faculty member would complement our existing and growing strength in organismal biology, where we have a strong collaborative research core with research in animal physiology, functional morphology, functional genomics, behavior, and evolution.

**Requirements**
Candidates must have a Ph.D. degree or equivalent in Biology or a related field with relevant post-doctoral experience.

**Additional Information**
Evaluation of applicants will begin on **November 1, 2021** and may continue until a suitable candidate pool has been identified.

Expected start date of this position is September 1, 2022.
**Application Instructions**

Applications should include a (1) cover letter; (2) curriculum vita; (3) statements of research, (4) teaching, (5) and service; (6) contact information for three references, (7) and a Statement of Contribution to Diversity, Equity and Inclusion.

The Diversity Statement should identify past experiences and future goals. These contributions may result from lived experiences, scholarship, and/or mentoring, teaching, and outreach activities. As part of a commitment to their own multicultural community, CNS seeks an individual with a demonstrated commitment to diversity and one who will understand and embrace university initiatives and aspirations ([https://www.cns.umass.edu/diversity-equity-inclusion](https://www.cns.umass.edu/diversity-equity-inclusion)).

Please submit all applications electronically at the following link:

All questions pertaining to this position can be directed to the search committee chair, Dr. Alexander Gerson at argerson@umass.edu.

*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.*