



UMassAmherst



U.S.G.S. Conte Anadromous
Fish Research Laboratory



POSTDOCTORAL RESEARCH POSITION

COMPARATIVE ENDOCRINOLOGY

A postdoctoral fellowship in comparative endocrinology is available at the University of Massachusetts, Amherst beginning April 1, 2016. The fellowship is supported by an NSF grant with funding for 4 years and will examine the hormonal control of osmoregulation in lamprey.

This is a benefited, full-time Postdoctoral Research Associate position. Initial appointment is for one year, reappointment beyond the first year is contingent upon availability of funding and job performance. Primary responsibilities will include, but are not limited to: real time PCR measurement of ion transporter, hormone and receptor mRNA levels; in situ hybridization of cells expressing ion transporters, hormones and receptors; immunohistochemical and microscopic analysis of pituitary and gill; maintenance and experimental manipulation of juvenile lamprey; manipulation of hormone levels in vivo and in vitro. Qualified candidates are required to have a Ph.D. in Biology or related field. Two to three years experience studying physiology, endocrinology and/or using molecular approaches in fish biology research is preferred. Experience with radioimmunoassays, in situ hybridization, and molecular genetic approaches is highly desirable.

It is expected that the appointee will work extended hours as necessary to complete individual experiments. Postdoctoral Research Associates at the University of Massachusetts are unionized and receive standard salary and benefits, depending on experience. Salary is subject to bargaining unit contract.

Review of applications will begin **March 7, 2016** and continue until the position is filled. Applications received by March 7th will be given priority consideration. Candidates must apply online by submitting a cover letter, CV, summary of research interests, and the contact details of three references willing to provide letters of recommendation to:

<http://umass.interviewexchange.com/jobofferdetails.jsp?JOBID=68722>

Questions can be addressed to Dr. Stephen McCormick at mccormick@umext.umass.edu

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.