

Graduate Student Position

Predator-Prey Interactions and Prey Response to Predation Risk

Position: Graduate research assistantship in the fields of predator-prey interactions, risk responses, and transgenerational plasticity in Dr. Michael Sheriff's lab (<http://michaelsheriff.weebly.com>).

Location: The University of Massachusetts Dartmouth, Dartmouth, MA.

Description: I seek highly motivated students to fill graduate assistantships in the Biology Department at the University of Massachusetts Dartmouth. The positions are fully funded including tuition. The projects are fairly open-ended and details will be designed by the graduate student in conjunction with Dr. Sheriff, but fall within the scope of:

- 1) Examining how invasive species may disrupt a critical trophic cascade between predator-prey-resource in the marine intertidal.
- 2) Examining how road noise interferes with prey responses to predation risk in small mammals.
- 3) Examining how predation risk alters the learning, memory, and neurobiology of free-living mice.
- 4) Examining the transgenerational effects of predation risk.

Qualifications: Applicants must hold a B.S. in Ecology, Biology, Wildlife or a related field, have a GPA of 3.0 or greater and competitive GRE scores, publications are required for PhD applicants. Applicants must be highly motivated, have excellent written and oral communication skills, and be capable of working independently. The most qualified applicants will have laboratory and field experience, have worked with and handled wild animals.

To apply please email a cover letter describing research experience and interests, CV, transcripts (unofficial), GPA and GRE scores, and contact information of three references to Dr. Michael Sheriff (msheriff@umassd.edu) with PhD or Graduate Application in the subject line. Review of applications will begin immediately and continue until January.

Salary: Competitive stipend, plus tuition and benefits.



