

PhD student opportunity Fall 2015 in the Department of Zoology at Southern Illinois University, Carbondale.

We seek a highly motivated and capable PhD student for an integrative project focused on the microbiology of susceptibility to disease and contaminants. The student will work with faculty in both the Departments of Zoology and Microbiology at Southern Illinois University. The aim of the project is to examine how interspecific differences in susceptibility to pathogens are due to variance in morphological, immunological, and microbial factors that contribute to host resistance to pathogen infiltration in amphibians. Given the integrative nature of this project, we are seeking a highly competitive student with interest in, and preferably some experience in microbiology, including methods such as immunofluorescent microscopy and real-time PCR.

For highly competitive students, SIU offers the Morris Doctoral Fellowships, which provides a 12-month salary for 3-years, plus research funding (<http://gradschool.siu.edu/cost-aid/morris.html>). Support as a teaching assistant is also available. Early applications are encouraged for University Fellowship consideration.

Prospective students should send an inquiry email and resume to Robin Warne (rwarne@siu.edu). For greater detail about current projects and the Warne Lab visit: <http://warnelab.weebly.com/>

About SIU, Carbondale, and the Region:

Southern Illinois University Carbondale is a high research activity University with approximately 20,000 students (<http://www.siu.edu/>). The Department of Zoology (<http://www.zoology.siu.edu/>) has 22 full-time faculty members and includes the Wildlife and Fisheries labs, as well as the Center for Ecology.

Carbondale is a mid-sized, affordable, diverse, and culturally rich University town. Southern Illinois is a beautiful landscape that includes the confluence of the Mississippi and Ohio rivers, and hardwood forests of the Shawnee National Forest, Crab Orchard National Wildlife Refuge, as well as numerous state parks, natural areas, and many lakes that are all accessible to the public.