

From: Robin Warne
Subject: PhD in physiological ecology

The Warne lab for animal physiological ecology in the Zoology Department at Southern Illinois University is seeking a PhD student.

We explore how vertebrates (1) maintain homeostasis while coping with environmental variation; (2) how these interactions influence resource allocation to life history processes such as development, growth, and reproduction; (3) as well as disease dynamics.

A major focus for this PhD project is aimed at exploring how the symbiotic gut microbiome influences host life history processes, physiological performance, and disease susceptibility. Potential projects will integrate stable isotope methods with microbiological approaches. More information can be found at https://urldefense.proofpoint.com/v2/url?u=http-3A__warnelab.weebly.com_&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRfN8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=CR6DAHTNzeh2ZsBQ79hnGTCgO5Oq5YzIQPNEvosYDzs&s=yGp6RnSpHJPH3YrOzLRkYMX-99Y2dKGbmlkUJOd9Nxo&e=

A M.S. degree or comparable experience in biological research is highly preferred. For competitive students, university fellowships are available, including the Morris Doctoral Fellowships that provides a 12-month salary for 3-years, plus research funding (https://urldefense.proofpoint.com/v2/url?u=http-3A__gradschool.siu.edu_cost-2Daid_morris.html&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRfN8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=CR6DAHTNzeh2ZsBQ79hnGTCgO5Oq5YzIQPNEvosYDzs&s=zZYcww161JGCWmZVCUN5XUBI5hr-h3SHgE73fWOas&e=).

Further inquiries and applications including a cover letter and CV can be sent to Dr. Robin Warne (rwarne@siu.edu).