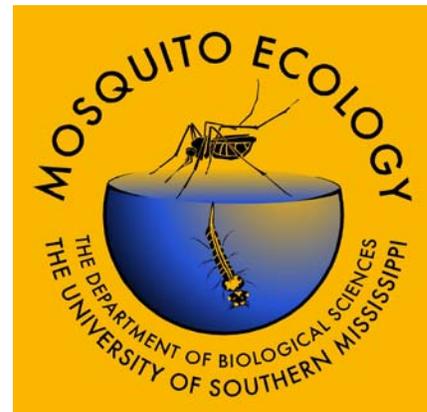


Post Doctoral position available in Mosquito ecology

Influence of ecological filters on medically important container mosquito communities

Review of applicants will begin 1 June and continue until the position is filled.



The Yee lab in the Department of Biological Sciences at the University of Southern Mississippi is seeking a postdoctoral fellow to join a research program investigating how ecological filters affect container mosquito communities via effects on larval traits and oviposition preferences of medically important species. This work is part of a NIH National Institutes of Allergy and Infectious Disease grant that will involve field sampling, field and laboratory experiments, and statistical modeling using native/resident (*Aedes triseriatus*, *Culex quinquefasciatus*) and invasive (*Aedes albopictus*, *Culex coronator*) species. Opportunities for conducting independent research in this system or on other community members (e.g., other diptera, protozoans, bacteria) also exist.

General Qualifications:

- ~ Ph.D. in ecology, entomology, or related field by start date
- ~ experience or willingness to work with aquatic insects
- ~ willingness to supervise undergraduate students
- ~ ability to work independently and be a research leader
- ~ good physical condition, ability to work outdoors in a variety of conditions
- ~ a valid driver's license is essential

Desired Qualifications:

- ~ basic to advanced knowledge of statistics
- ~ experience with community and population ecology of insects
- ~ publication record

The start date for the position is flexible but likely to begin no earlier than 1 July 2011. The position is for 1 year, but depending on circumstances, additional funding may be available to continue support, including through teaching within the department of Biological Sciences.

The Yee lab currently is well supported and has access to state of the art research equipment for laboratory experiments (e.g., environmental chambers, ultramicro balance), nutrient analysis equipment (e.g., C:N analyzer), field sampling equipment, and access to the USM managed 600 acre Lake Thoreau Center and Science Park containing a field enclosure for secure experiments. There also is support for meeting attendance (e.g., ESA, EntSoc, SOVE).

Salary: \$38,500 plus health benefits (12 months)

More information about the lab can be found at:

<http://ocean.otr.usm.edu/~w777157/index.html>

The University of Southern Mississippi, a Carnegie Research High Activity institution with 15,000 students, is located in Hattiesburg, Mississippi, near the Gulf Coast and has abundant opportunities for outdoor recreation. Hattiesburg is the medical, commercial and cultural center of southern Mississippi and is ranked in the top five small metropolitan areas in the United States. The Department of Biological Sciences is comprised of about two dozen faculty and 60 students pursuing M.S. or Ph.D. degrees along with 800 undergraduate majors.

Further information about the department can be found at:

<http://www.usm.edu/biology/>

To apply, submit (via e-mail):

Place "Mosquito Ecology post doc position" in the subject line

- ~ current CV
- ~ one page cover letter with a review of your research experience
- ~ one page scientific interests and employment goals
- ~ reprints of recent papers
- ~ contact information for three academic references
- ~ International students should also include TOEFL scores (copies are acceptable)

Women and minorities are strongly encouraged to apply

Send all material directly to:

donald.yee@usm.edu