

Research assistant position in experimental ecology

Lab and location: All lab work will be conducted in Michigan at the Kellogg Biological Station (KBS). This is a project developed by the Dwyer lab from the University of Chicago.

Dates and hours: 22 May to 12 June. Although this is a full time job, part time candidates will also be considered. Applicants should have flexible working hours and must be available for the long weekend of Memorial Day.

Pay rate: 9 - 10 dollars/hour. Lodging costs covered

Supervisor: Dr David Paez. Dwyer Lab, UChicago.

Do you need a car/own transportation: Ideally, but not necessary

Training or educational skills: Techniques in caterpillar rearing and ecological experiments in host-pathogen interactions

Short description

Two research assistant positions for undergraduates are available in the lab of Dr Greg Dwyer at UChicago to conduct research on host-pathogen interactions in the gypsy moth. The main objective of this research is to use field experiments to quantify trade-offs between disease resistance and fecundity. These experiments will then be used to understand how natural selection on disease transmission controls population cycles in the gypsy moth. The research assistants will be involved in aiding to conduct these experiments as well as in the general rearing of caterpillars. The expected timeline for this experiment is from 22 May to 12 June and a stipend will be paid. This position is ideal for people interested in learning how to rear insects, conduct field experiments and more practically in understanding the effects of host-pathogen dynamics on forest ecology.

If interested, please send additional queries, or apply by sending your CV and two letters of recommendation to Dr David Paez at dpaez@uchicago.edu