

I am recruiting a graduate student to be part of an NSF-funded project investigating the interaction between the insect immune response and host-plant shifts. Funds are available to support two years of a Ph.D project with additional support through the Ecology, Evolution, and Conservation Biology Program at the University of Nevada, Reno.

Briefly, the research involves laboratory experiments investigating the strength of the immune response on a variety of host plants. Lepidopteran larvae will be challenged with both a virus and bacterium, and a variety of immune parameters measured. In addition, field surveys of pathogen load for caterpillar populations will be assessed.

The successful applicant should have a broad interest in basic ecology as well as ecoimmunology. Start date is Fall 2015.

If you are interested, please respond to Angela Smilanich (smilanich@gmail.com)

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