

PhD and Postdoctoral Opportunities in the Herbivore Ecology, Behavior, and Immunology (HEBI) Lab

Department of Entomology
Virginia Tech
Blacksburg



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES
VIRGINIA TECH.

Application Deadline: 1 August 2025

Start date: November, 2025

Qualifications

Applicants must have completed at least a Bachelor's degree or equivalent by the start date of the position and should have a strong interest in entomology. Preference will be given to students with prior research experience and/or a background in entomology, physiology, behavior and chemical ecology. Competitive candidates will have strong writing skills, substantial experiment designing experience, and a strong work ethic.

Description

The HEBI Lab is seeking two graduate students (PhD applicants are preferred although applicants for a MS degree may be considered) and one postdoc to work on trophic interactions between plant-caterpillar and their natural enemies. In particular, the lab is interested in looking at how plant chemistry impacts caterpillar physiology, immunology and behavior altering their interactions with third trophic organisms. The lab uses interdisciplinary perspectives, from behavior experiments and eco-immunology assays to chemical ecology approaches. There's a lot of room for students and postdocs to carve out their own projects based on what excites them the most.

Application materials

Interested candidates should send CV, letter describing relevant research background and interests, and contact information for three references to the lab PI, Enakshi Ghosh.

Contact person: Dr. Enakshi Ghosh. FRES

Email: enakshi@vt.edu