

Master's or PhD Opportunity in Insect Pheromone Biochemistry and Engineering

Department of Biological Sciences/Entomology, Virginia Tech

Application Deadline: December 2018/January 2019

Start date: Fall 2019

Website: <https://www.biol.vt.edu/faculty/tholl/index.html>

Qualifications

- Previous research experience in biochemistry or molecular biology is desired
- Ability to work independently and collaboratively within a team
- Strong written and oral communication skills

Description

The laboratory of **Dr. Dorothea Tholl** is seeking applications for a Master's or Ph.D. study as part of a **USDA funded project on stink bug pheromone metabolism and engineering in trap crops**. The study will investigate the biosynthesis and chemical ecology of terpene aggregation/sex pheromones in different stink bug pests and explore possibilities of engineering pheromone production in trap plants to develop alternative pest control strategies.

Application Materials

Interested applicants should send a letter of interest with their personal statement, resume, and contact information for two to three references by e-mail to Dr. Tholl (tholl@vt.edu). In your letter, include a description of your research interests and why you are interested in joining the research group as well as a summary of your prior research experience, your academic background (e.g., relevant coursework) and GPA, GRE, and TOEFL scores. For more information about the Tholl Lab, visit <https://www.biol.vt.edu/faculty/tholl/index.html>.

Submit applications and further questions to:

Contact Person: Dr. Dorothea Tholl

Mailing Address: 409 Latham Hall, 220 Ag Quad Lane, Virginia Tech, Blacksburg, VA 24061, USA

Telephone: +1-540-231-4567

E-mail: Tholl@vt.edu