

# Master's/Doctoral Student in Insect Pheromone Biochemistry and Engineering

Biological Sciences, Virginia Tech, Blacksburg, VA, USA

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**Application Deadline:** March 1, 2019

**Start date:** Fall 2019

**Website:** <https://chemicalcommunications.wordpress.com/>

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## Qualifications

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- Completion of bachelor's degree by the desired start date
- 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

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The laboratory of **Dr. Dorothea Tholl (Biological Sciences, Virginia Tech)** 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.

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## Application Materials

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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](mailto: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

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