



Department of Entomology  
UNIVERSITY OF MINNESOTA

## Graduate Research Assistantship in Soybean Gall Midge Biocontrol

The Koch and Lindsey labs in the Department of Entomology at the University of Minnesota are recruiting a masters student to start June 2023. The student will be co-advised by Dr. Robert Koch and Dr. Amelia Lindsey in developing and implementing a project related to biological control of the soybean gall midge, a new pest in the north central region. This project will integrate field, organismal, and molecular approaches to investigate biological control. You can learn more about soybean gall midge here: <https://extension.umn.edu/soybean-pest-management/soybean-gall-midge-minnesota-soybean>

**The Koch Lab:** The Koch lab (<https://entomology.umn.edu/people/robert-koch>) focuses on applied ecology and integrated pest management of arthropods associated with crops, primarily soybean. The Koch lab is located in Hodson Hall on the UMN St. Paul campus

**The Lindsey Lab:** The Lindsey Lab ([www.lindseylab.org](http://www.lindseylab.org)) uses functional genomics to understand symbiotic associations in insects, including microbes and parasitoids. The lab is in The Cargill Microbial and Plant Genomics Institute on the UMN St. Paul campus.

**The University:** The University of Minnesota is a large R1 research university with a medical school, veterinary school, and agricultural extension, conveniently located a few miles from the state capital. The UMN was named to the Forbes list of America's Best Employers for Diversity for 2018 and is located in the Twin Cities, a large metropolitan area consistently ranked as being one of the most livable and affordable in the nation.

**Funding:** Two years of funding includes salary (\$26,600/year), tuition, and benefits. More information can be found here: <https://hr.umn.edu/Jobs/Student-Job-Center/Graduate-Assistant-Employment/About-Graduate-Assistant-Employment>. Additionally, there are numerous departmental, college, and university-wide fellowships available to support students.

**Qualifications:** Interested candidates should have a bachelor's degree in biology or a related field, and research interests in entomology, molecular ecology, biological control, and/or pest management. Candidates should have strong organizational and interpersonal skills, and previous research experience.

**How to Apply:** Prospective students should first send a statement of interest and their CV to PIs, Drs. Lindsey and Koch ([alindsey@umn.edu](mailto:alindsey@umn.edu), [koch0125@umn.edu](mailto:koch0125@umn.edu)) by December 1<sup>st</sup>, 2022 for full consideration. Candidates will ultimately be expected to apply to the graduate program in Entomology. Application details to the graduate program in Entomology can be found on the department website: <https://entomology.umn.edu/graduate/prospective-students>

