



Graduate Research Assistantship: Ph.D. in Entomology. Arthropod vector of plant pathogens lab. University of Nebraska-Lincoln, Lincoln, NE.

The University of Nebraska-Lincoln at Lincoln, NE is seeking a PhD graduate student to work on virus-vector-host interactions in wheat curl mite transmitted wheat virus complex. Research would involve understanding various transmission parameters of wheat streak mosaic virus (WSMV) and triticum mosaic virus (TriMV) by mite vector as well as identifying key virus-host and virus-vector interactions to facilitate their management. Additional projects might include understanding co-infection of aphid-transmitted barley yellow dwarf virus (BYDV) and mite-transmitted WSMV in wheat and barley plants.

Desired qualification of the applicant:

- Bachelor's or Master's degree in the fields of entomology, plant pathology or a closely related field is highly desired.
- Must have strong interests in working with arthropod vectors and plant viruses.
- Must have excellent written and oral communication skills.
- Must have experience in lab-based research.
- Background in molecular biology and experience with mites and aphids are desired but not mandatory.

The successful applicant is expected to start the Ph.D. program at the University of Nebraska-Lincoln in Fall 2023. Applications are due on or before 30th April, but screening will begin immediately. Please send a letter of interest describing your qualifications, resume/CV, TOEFL scores for international applicants, and the contact information for three letters of reference.

Benefits: Stipend, tuition assistance, and 79% health insurance premiums will be provided.

Contact: If interested, please send an email to

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Our commitment: We strive to the UNL core values and beliefs, particularly in the areas of promoting diversity, equity, and inclusion. At the Department of Entomology at UNL, students are empowered to build valuable connections, discover new opportunities and cultivate ideas in a collaborative, inclusive and enthusiastic community.