

I am seeking a highly motivated Ph.D student to join my lab at University of Kentucky in Fall 2020. Work in my lab focuses on insect evolution, speciation, integrative taxonomy, species delimitation, and molecular systematics using genomic approaches. The exact research project topic for this potential student is flexible. Potential projects include 1) studying the genomic architecture of speciation and hybridization in swallowtail butterflies, 2) evaluating ecological drivers of diversification in buck moths, and 3) developing molecular diagnostic tools for species identification and pathway analysis in invasive insect pests. I am also open to ideas and encourage potential applicants to contact me directly to discuss their interests and suitability. For more information, see www.julianrdupuis.com.

The Department of Entomology at University of Kentucky offers excellent graduate training in diverse areas of insect biology. The Entomology graduate program is ranked in the top 10 nationally and is consistently rated as one of the most productive programs at the University of Kentucky, measured by the total number of student publications and presentations. Students from our department go on to have successful careers in a variety of sectors, including academia, industry, government science, and extension, to name a few.

I am looking for a student with a strong background in biology, entomology, or ecology and evolution (BSc or equivalent). Experience with field research, molecular biology/genomics, and bioinformatics is preferred, as well as demonstrated research experience through completion of a MSc or undergraduate research. This position includes a competitive stipend, tuition waver, and health coverage.

Interested applicants should submit 1) a cover letter detailing research experience, interests, and career goals, 2) a CV and unofficial transcript, and 3) name and contact information for three references to julian.dupuis@uky.edu. The successful applicant will be required to apply to the University of Kentucky Graduate School, although application to the graduate school can come a later time. See <https://entomology.ca.uky.edu/academics/graduate> for more information on how to apply.