

## ***Graduate Research Assistantships in Insect Genomics and Evolution***

The lab of Beryl Jones at the University of Kentucky (Department of Entomology) is recruiting graduate students for the Fall 2023 semester. Students will be part of a growing research group (lab grand opening July 2023) focused on the genomic and environmental factors shaping social plasticity in bees.

Student projects will include the investigation of gene regulatory changes associated with evolutionary transitions in bee sociality, leveraging the amazing and naturally occurring diversity of social behaviors across bee lineages. Projects will incorporate field, genomic, and computational methods for an organismal and integrative approach to understanding the mechanisms and consequences of phenotypic plasticity, with a special emphasis on social traits and using bees as a model system.

Applicants may come from a variety of backgrounds, including those with experience in biology, entomology, or a related field, and we are particularly interested in those with a strong interest in genomics and evolution. Financial support will be provided through research assistantships.

For more information please contact Beryl Jones ([jonesberylm@gmail.com](mailto:jonesberylm@gmail.com)) and visit the UK Entomology graduate page (<https://entomology.ca.uky.edu/academics/graduate>) and the Jones Lab page (<https://berylmjones.weebly.com/>).

The University of Kentucky is located in historic and beautiful Lexington, KY, a mid-sized city in close proximity to numerous outdoor recreation areas, including the Red River Gorge. The Department of Entomology at UK is comprised of nearly 20 faculty members with a diverse range of expertise across numerous disciplines, including both basic and applied insect science.

Interested applicants should be prepared to submit the following via email:

1. Cover letter describing your research experience, interests, and career goals
2. Curriculum Vitae
3. Unofficial transcript(s)
4. Name and contact information for 2-3 professional references

Review of applications will begin immediately and will continue until positions are filled, but candidates are encouraged to apply by December 15, 2022. Please note that selected candidates will also be required to apply to the University of Kentucky Graduate School prior to the agreed upon start date. Please email Beryl Jones ([jonesberylm@gmail.com](mailto:jonesberylm@gmail.com)) with any questions.