

Assistant Professor of Arthropod Molecular Biology
University of Kentucky

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Posted Oct. 23, 2023, set to expire May 9, 2024

Job Title Assistant Professor of Arthropod Molecular Biology
Department 81080:ENTOMOLOGY
Institution University of Kentucky
Lexington, Kentucky

Date Posted Oct. 23, 2023

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Assistant Professor

Academic Field(s) Entomology

Job Website <https://ukjobs.uky.edu/postings/494887>

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Job Description

Assistant Professor of Arthropod Molecular Biology, twelve-month, tenure-eligible appointment in the Regular Title Series with an anticipated distribution of effort of research (70%), instruction (25%) and service (5%).

Description: The Department of Entomology at the University of Kentucky invites applicants for a tenure-eligible faculty position in arthropod molecular biology. We are seeking candidates who use molecular tools to address fundamental questions in biochemistry, pathology, immunology, microbiome interactions, developmental biology, and/or toxicology. We are particularly interested in candidates who use a combination of modern and classical approaches such as genome editing, RNAi, transgenics, functional genomics (multi-omics, protein structural modeling, etc.), high-throughput analyses, functional characterization of genes, single cell sequencing, electrophysiology, and cell culture. The successful applicant will develop an internationally recognized and extramurally funded research program that incorporates MS and PhD students and undergraduate researchers. Enthusiasm for interdisciplinary collaboration is particularly encouraged. The anticipated teaching load will be two

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courses per year in the interdisciplinary Agricultural and Medical Biotechnology (AMBT) program and/or the Entomology program. Relevant courses could include molecular genetics, insect toxicology, molecular biology techniques, and/or a course in the candidate's area of expertise. Our new colleague is expected to contribute to institutional service and the missions of the Martin-Gatton College of Agriculture, Food and Environment.

Qualifications: The successful applicant must have a Ph.D. in Entomology, Biology, or a related field with experience in molecular biology research. Experience seeking external funding and teaching at the college-level, and excellent oral and written communication skills are preferred qualifications.

Salary and Benefits: Salary is commensurate with training and experience; an overview of comprehensive benefits are available at [UK Human Resources | UK Human Resources \(uky.edu\)](#).

Application Procedure: Applications must be submitted electronically via the University of Kentucky website here: <https://ukjobs.uky.edu/postings/493800>. Applicants should submit the following: 1) a CV; 2) an application cover letter describing background and expertise specifically related to this position at the University of Kentucky; 3) a statement of research interests (2-3 pages); 4) a statement of teaching interests (2-3 pages) (research and teaching statements should be combined and uploaded under Specific Request 1); 5) a statement of diversity indicating how your previous experiences have prepared you to contribute to an inclusive institutional culture (1 page; upload under Specific Request 2); and 6) up to five selected reprints (upload under Specific Request 3) Please also include the names and addresses of four individuals who may be contacted for letters of reference when prompted in the application process.

Application Deadline: December 31, 2023, or until a suitable candidate is identified.

Available: July 1, 2024, or as mutually agreed upon.

Contact: Dr. Julian Dupuis (julian.dupuis@uky.edu) Chair, Search Committee.

The Martin-Gatton College of Agriculture, Food and Environment (MG-CAFE) is fulfilling the land-grant promise of educational excellence, civic leadership, transformational research, and shared knowledge serving the common good. We serve the people of the Commonwealth and across the world through education, outreach, service, and research by finding solutions to improve lives today and create a sustainable future. We integrate teaching, research, and extension in our work. We recruit, retain, and graduate students who are competent, responsible, and workforce ready. For more than 130 years, MG-CAFE has provided research results to the community. From traditional labs and research farms to high-tech diagnostic and research centers, we offer science-based, practical solutions that affect the

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everyday lives of Kentuckians and people around the world. Our Cooperative Extension programs are engaged in Kentucky's 120 counties, identifying and addressing needs not only in agriculture and natural resources, but also 4-H and youth development, family and consumer sciences, as well as community & economic development. We create a welcoming and inclusive environment that allows our faculty, staff, and students to reach their highest potential. We recognize people with diverse backgrounds and experiences are essential to decision making, problem solving, and innovation each and every day. The University of Kentucky is a university with approximately 22,000 undergraduate and 8,500 graduate students. UK is Kentucky's flagship university and a land grant institution. We have a university commitment to improve the lives of Kentuckians and beyond and that is why environmental stewardship and sustainability are core parts of our institution's legacy. We are recognized as a Tree Campus USA by the Arbor Day Foundation, a Gold level Bicycle Friendly University by The League of American Bicyclists, and are recognized as a STARS (Sustainability Tracking, Assessment & Rating System) Silver Rating by the Association for the Advancement of Sustainability in Higher Education.

The university is geographically near downtown Lexington, which offers the vibrancy of an urban location while being in close proximity to working landscapes and recognized wilderness areas. It is a thriving community of 320,000+ with a strong commitment to quality of life, education, and the arts. Lexington is in the Bluegrass Region, an internationally acclaimed cultural landscape and agricultural region. The University of Kentucky and MG-CAFE are committed to creating a diverse, equitable and inclusive environment of mutual respect where all members of our community are able to fully engage, belong, and succeed. We support and welcome applicants of all identities such as but not limited to race, ethnicity, gender identity and expression, perspectives, beliefs, sexual orientation, national origin, religious belief, and age, and all qualified candidates are encouraged to apply. The University of Kentucky is an equal opportunity university. The EEO Coordinator is Tim West, S-105 Agriculture Science Center North, University of Kentucky, Lexington, KY 40546-0091.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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