Research Specialist in Life Sciences
Carl R. Woese Institute for Genomic Biology
University of Illinois at Urbana-Champaign

Primary Function of Position

Participate in a new project as Bee Research Technician that seeks to develop new methods for rearing honey bees to address the honey bee health crisis

Major Duties and Responsibilities

Working closely with the principal investigator and other members of the team to develop, plan and conduct innovative experiments on laboratory rearing of honey bees; evaluate new materials and methods in a systematic way that might involve pheromone biology and synthetic biology in order to determine optimal procedures for the new methods; experiment with ways to develop methods that scale; collect and analyze data on bee rearing in the laboratory and behavior in the field in order to prepare technical reports to the sponsor and publications in the scientific literature; work closely with principal investigator and other members of the team to design specialized research equipment.

Education

Required: Bachelor's degree (preferably in biology or one of the life sciences).

Experience

Required: Prior experience in beekeeping or bee research; hands-on experience managing honey bee colonies in the field.

Preferred: Experience in laboratory research.

Knowledge Requirements

Required: Honey bee biology, including bee diseases and parasites, queen biology, and larval development. Familiarity with the components of the beehive. Familiarity with queen rearing techniques.

APPLICATION PROCEDURES

Salary will be commensurate with experience and qualifications. This position is a 12-month, 100% time academic professional appointment with regular University benefits. The proposed starting date is negotiable after the close date. Please create your candidate profile at http://jobs.illinois.edu and upload your letter of interest (including email address), resume and contact information for three professional letters of reference by February 16, 2016. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. All requested information must be submitted for your application to be considered. For further information regarding the application procedures, you may contact Kim Johnson, kljohns@illinois.edu.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, status as a qualified individual with a disability, or criminal conviction history. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).