

Postdoctoral position investigating the mechanisms and evolution of eusociality using honey bees, genomics, and comparative genomics

The Carl R. Woese Institute for Genomic Biology (IGB) at the University of Illinois at Urbana-Champaign (UIUC) seeks a Postdoctoral Research Associate as part of a project using honey bees, genomics, comparative genomics, and molecular neuroscience to advance our understanding of the mechanisms and evolution of eusociality. Research approaches will include apiculture, lab and field work, behavior, genomics, molecular biology, and statistical analyses.

The project is based in the laboratory of Professor Gene Robinson at the Carl R. Woese Institute for Genomic Biology (IGB) at the University of Illinois at Urbana-Champaign. A successful candidate will be able to work independently, as well as collaboratively within the Robinson laboratory and the Gene Networks in Neural & Developmental Plasticity Research Theme in the IGB.

Applicants should have completed their PhD around Fall 2021. Those with previous experience working with honey bees, functional and comparative genomics, behavior, and neuroscience are especially encouraged to apply. Applicants with experience in *Drosophila* who wish to use both flies and honey bees to address these topics will also be considered.

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit <http://go.illinois.edu/EEO>. The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit [Policy on Consideration of Sexual Misconduct in Prior Employment](#). As a qualifying federal contractor, the University of Illinois System [uses E-Verify](#) to verify [employment eligibility](#).

Required Qualifications:

- A Ph.D. or the equivalent in entomology, evolutionary biology, genetics, genomics, neuroscience, or related field
- Experience with lab and field work, particularly with honey bee biology and animal behavior
- Strong English writing and oral communication skills
- Strong organizational skills
- Ability to work in a collaborative environment

Strong candidates will also possess the following attributes:

- A proven record of publishing research
- Experience with genomics and bioinformatics
- Strong statistical skills
- Creativity, independence, and the desire to learn

The position is a 12-month appointment, with annual renewal dependent on funding and progress made by the individual. This position includes a competitive salary and full benefits. The IGB offers several programs to support its strong commitment to postdoctoral professional development.

Application: Email a single pdf file with “Honey Bee Genomics application” in the subject line containing 1) a statement of research experience, interests and career goals, 2) curriculum vitae including complete publication list, and 3) names, e-mail addresses and telephone numbers for three references to: Gene Robinson, generobi@illinois.edu. You can find out more about the lab at <https://lab.igb.illinois.edu/robinson/>

Review of applications will occur beginning November 8, 2021.