

Postdoctoral position investigating social responsiveness in honey bees using genomics and behavioral genetics

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 funded project to use genomics and behavioral genetics to study mechanisms underlying social responsiveness in honey bees and possible commonalities in humans. 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 in collaboration with psychologist Dr. Jennifer Cook at the University of Birmingham (United Kingdom). The project is funded by the European Research Council "Brain2Bee" Grant. A successful candidate will be able to work collaboratively as part of a multidisciplinary group working across labs.

Applicants should have completed their PhD before/around Spring 2020. Those with previous experience working with honey bees, population genomics, functional genomics, behavioral genetics, behavior, and neuroscience are especially encouraged to apply. 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>.

Required Qualifications:

- A Ph.D. or the equivalent in biology, entomology, 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 population genomics, functional genomics, and behavioral genetics
- Strong statistical and mathematical skills
- Experience with method development
- 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 "Brain2Bee 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 February 20, 2020.