



Announcing a position for

FIELD ASSISTANT



HONEY BEE SOCIAL BEHAVIOR

Details:

- 3 months, Summer 2008 (end of spring term to beginning of fall term)
- \$300 per week (\$7.50 per hour)
- working daily at Liddell Lab (2 miles from main campus) for much of the summer and at a field station in the Adirondacks in July (we will provide transportation to and accommodations at the field station)

Project:

- working with a lab in the Department of Neurobiology and Behavior
- hands-on experience conducting behavioral research
- setting up experiments, collecting data, analyzing videotapes, DNA extraction and PCR in the lab
- outdoor fieldwork with colonies of honey bees
- detailed behavioral work with observation hives

You need to have:

- an interest in social-insect biology
- a desire to gain experience with behavioral research & molecular techniques
- a flexible schedule (some long days and weekend work)
- an ability to work hard in any weather and around the schedule of the bees

You do not need:

- any experience working with bees — we will train you!

Each honey bee queen mates with multiple drones (polyandry), but the reasons why this is so largely remain a mystery. One benefit of polyandry is enhanced colony foraging, which may result because genetic diversity within colonies creates a work force of honey bees that are genetically predisposed to take up different foraging tasks. We will probe this issue by watching the waggle dances of bees in observation hives, observing foragers in the field, and taking samples back to the lab to establish worker paternity using molecular techniques.

If you are interested in applying for this position, please fill out the attached application form and return it **by March 26** by email to Heather Mattila (hrm24@cornell.edu) or to Prof. Seeley's office, W301 Mudd Hall. We will contact candidates for interviews during the subsequent week.

Any questions? Contact Heather Mattila (postdoc) at hrm24@cornell.edu

Application for field assistant position in honey bee behavior

Name:

Telephone contact:

E-mail contact:

Freshman Sophomore Junior Senior

Major:

Are bee stings dangerous to you?

What previous jobs have you had?

Why are you interested in this job?

Is there anything else we should know about you?