



## **Postdoctoral Scholars in Honey Bee and Small Hive Beetle Virology / Physiology**

Two postdoctoral positions are available to work on 1) the identification and characterization of viruses from the small hive beetle, and 2) molecular interactions between viruses and the honey bee gut epithelium. Both projects are funded by the USDA in collaboration with Dr. Adam Dolezal, Department of Entomology at the University of Illinois at Urbana-Champaign.

### **Responsibilities:**

1. **Small hive beetle viruses:** The successful candidate will work with both RNA and DNA viruses, maintain insect cell lines, identify virus-derived sequences from –omics data, and work with honey bees.
2. **Bee virus-gut interactions:** The successful candidate will examine honey bee virus-gut molecular interactions.

### **Required Qualifications:**

- PhD, in entomology, virology, microbiology, biochemistry or a related area

### **Preferred qualifications:**

- Research experience with insect physiology and / or virology
- Experience with cell culture
- Solid molecular biology and biochemistry skills
- Strong communication and organizational skills.

These positions are based in the laboratory of Dr. Bryony C. Bonning, Eminent Scholar and Professor, [Department of Entomology and Nematology](#) at University of Florida. The Bonning lab provides outstanding infrastructure for cutting edge research and has a strong record of innovation and trainee placement within the agricultural biotechnology industry sector, USDA and academia.

University of Florida has the largest Entomology and Nematology department in the nation, with outstanding facilities. The diverse faculty has strengths in both basic and applied research, and strong collaborative and interdepartmental interactions. Gainesville, Florida is consistently ranked among the [Top 10 Best College Towns](#) in the U.S.

Candidates should apply by emailing a single pdf file with “PD Application – virus” in the subject line containing 1) a statement of research experience, interests and career goals, 2) curriculum vitae including complete publication list, 3) names, e-mail addresses and telephone numbers for three references to: Dr. Bryony C. Bonning, E-mail: [bbonning@ufl.edu](mailto:bbonning@ufl.edu)

Review of applications will begin on Monday, January 4<sup>th</sup>, 2021 and continue until the position has been filled.

*The Foundation for The Gator Nation*

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