



**Post-Doctoral Associate  
(Host-Parasite Interactions)**

Location: Department of Biological Sciences,  
University of Cincinnati, Cincinnati, Ohio, USA

An NSF-funded post-doctoral position (up to 3 years) is available in the laboratories of Dr. Joshua Benoit and Dr. Michal Polak on host-parasite interactions at the University of Cincinnati. The post-doctoral scientist will collaborate with the co-principal investigators to study the proximate bases of ectoparasite resistance and of associated life-history trade-offs in two naturally occurring *Drosophila*-mite model systems (Figure 1). These studies will be highly multi-disciplinary, and include host behavioral and physiological assays, RNA-seq, and genome comparisons. The post-doc will train in a vibrant and nationally recognized academic setting, and will be supported to develop their own research directions. The participant will be provided with effective mentoring aligned with their individual career goals.



**Figure 1:** *Drosophila* parasitized by ectoparasitic mites

Qualifications: Ph.D. in Entomology, Biology or related field, and publications in peer-reviewed journals. Experience with bioinformatics analyses of sequence data, basic molecular biology/physiology techniques, and/or host-parasite systems, are desired.

The start date, though flexible, is December 1, 2017.

Interested individuals should send, as a single PDF document, a cover letter, CV, a short statement of research interests, unofficial academic transcripts, and the contact information of 3 to 4 references to Dr. Benoit ([joshua.benoit@uc.edu](mailto:joshua.benoit@uc.edu)) and Dr. Polak ([michal.polak@uc.edu](mailto:michal.polak@uc.edu)).

For more information regarding the position, please contact either Dr. Benoit ([joshua.benoit@uc.edu](mailto:joshua.benoit@uc.edu)) or Dr. Polak ([michal.polak@uc.edu](mailto:michal.polak@uc.edu)).

Relevant Links:

<http://www.artsci.uc.edu/departments/biology.html>

<http://insectphysiology.uc.edu/>

[http://www.artsci.uc.edu/faculty-staff/listing/by\\_dept/biology.html?eid=polakm](http://www.artsci.uc.edu/faculty-staff/listing/by_dept/biology.html?eid=polakm)