Postdoctoral Researcher position in mosquito-microbe interactions at Ohio State!

The Short lab (www.theshortlab.org) at Ohio State University is now hiring a postdoctoral researcher to study mosquito-microbe interactions! Ongoing projects in the lab include the effect of environmental factors on mosquito microbiota formation, mosquito tolerance to infection, and the interactions between sex, mating, and pathogenic infection. The successful candidate will expand work investigating the interplay between nutrition, microbiota, and viral susceptibility in Aedes aegypti mosquitoes. They will also be expected to develop independent projects that build upon the laboratory’s ongoing work.

Funding is available for two years, with contract renewal for the second year dependent on satisfactory performance. Renewal beyond the second year is possible but contingent on funding. Start date is flexible.

The Short lab is in the department of Entomology (https://entomology.osu.edu/home) and is also a member of the Infectious Diseases Institute (https://idi.osu.edu/), comprising a rich and highly stimulating intellectual environment. Research in the Short lab at OSU is facilitated by many available resources, including a BSL-2/ACL-2+ insect rearing/infection laboratory, access to multiple core labs (microscopy, molecular biology, genomics), and a shared BSL-3/ACL-3 infection facility. The lab is located on the main campus in Columbus, Ohio.

The successful candidate must show a strong record of publication and success in research. Preference will be given to candidates who have experience working with arboviruses (e.g. viral culture, in vivo or in vitro viral experiments, viral quantification) and have experience performing organismal, molecular and/or bioinformatics experiments in insect systems.

Interested parties should contact Dr. Sarah Short (short.343@osu.edu) and provide the following:

1. Curriculum Vitae
2. Research statement (description of current work and your interest in the lab)
3. Names and contact information for three references