Applications are invited for a Post-Doctoral Fellow position to work in Integrative Microbiota and Physiology Lab at the University of Illinois at Urbana-Champaign. The primary focus of this position will be to work on an NIH funded grant aimed to understand *how psychological stress mediates microbiome-host interactions at gut mucosal surfaces*. A postdoctoral fellow in this position will also have the chance to work on other projects ongoing in the lab related to effects of exercise, nutrition, and aging on microbiome-host interactions.

This position is available for 2 years with additional years likely.

**DUTIES AND RESPONSIBILITIES**

**Research**
- Work as part of an interdisciplinary team to develop and deliver high quality science in the final form of peer reviewed publications as well as oral/poster presentations.
- Manage and conduct studies with transgenic mouse lines
- Manage and conduct studies involving germ-free and gnotobiotic mice
- Collect and analyze samples (blood, tissue, microbiome, etc.)
- Assist with developing progress reports toward meeting goals and objectives of NIH grant
- Assist PI in grant writing
- Apply for external fellowships that promote fellow’s future career goals

**Education, Experience, and Qualifications**
- Ph.D. in microbiome sciences, mucosal immunology, or related field from an accredited university is required
- Experience in developing manuscripts for submission to professional, peer-reviewed journals is required
- Experience in presenting at professional conferences is required
- Experience working with mouse models is highly recommended

Interested applicants should submit a letter of interest (1 page maximum), CV, and contact information for three professional references to Jacob Allen (jmallen5@illinois.edu). The review of applications will begin immediately and continue until the position is filled. The start date is flexible.

*The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.*

*As a qualifying federal contractor, the University of Illinois System uses E-Verify to verify employment eligibility.*