

Post-Doctoral Fellow Position

Integrative Microbiota and Physiology Lab University of Illinois at Urbana Champaign

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](#).