INDIANA UNIVERSITY

POSTDOCTORAL POSITIONS IN EXPERIMENTAL MICROBIAL EVOLUTION

Three postdoctoral research positions are available in the Department of Biology at Indiana University. Positions will be supported with a five-year Multidisciplinary University Research Initiative (MURI) grant from the US Department of Defense (DoD) program on "Innovation in Prokaryotic Evolution". The goals of the project are to reveal the molecular causes and consequences of evolution in highly replicated lines of a phylogenetically diverse range of microbial taxa in response to changes in the internal population-genetic environment (e.g., population size) and the external natural environment (i.e., starvation and cross-feeding interactions). We seek individuals with expertise in microbiology, bioinformatics, and evolutionary theory. We are also looking for individuals that have the ability to design long-term evolution experiments and analyze whole-genome sequences and other omics data.

Postdocs will be appointed to one of the following three laboratories:

- Michael Lynch: ,www.indiana.edu/~lynchlab/
- Jay T. Lennon: www.indiana.edu/~microbes/
- Jake McKinlay" www.indiana.edu/~mckinlab/

The Department of Biology at Indiana University in Bloomington has excellent infrastructure for conducting microbiological, evolutionary, and ecological research (http://www.bio.indiana.edu/). Postdocs will have ample opportunity to interact and collaborate with partnering labs including Pat Foster (https://goo.gl/dviOS7) at Indiana University and Allan Drummond (drummondlab.org/) at the University of Chicago. Interested parties should email a cover letter containing a brief statement of research interests, a CV, and the names and contact information for three potential letter writers to microevo@indiana.edu. These positions are available immediately, although the start dates are somewhat flexible. Preference will be given to applications received prior to January 30, 2017, but we will consider applicants until the positions have been filled. https://goo.gl/IZala7