Faculty Positions in the Department of Biological Sciences

The Department of Biological Sciences at Purdue University (https://www.bio.purdue.edu) invites applicants for faculty positions at the rank of Assistant or Associate Professor. Applications are welcomed from researchers in all areas of the life sciences with particular emphasis on immunology; microbiomes in health and disease (e.g., gut-brain axis, infectious disease, cancer); and structural, molecular, developmental, or cell biology. Preference will be given to candidates that span research areas (e.g. inflammation of the nervous system; developmental biology of the immune system; structural biology of pathogens) or that use innovative combinations of computational and experimental approaches to answer fundamental questions in human health or macrosystem/microbiome biology.

**Qualifications:** Applicants should have a PhD in the biological sciences or related disciplines, a strong record demonstrating an ability to perform cutting-edge research, and experience in and/or evidence of potential for excellence in teaching at the undergraduate and graduate levels.

**Responsibilities:** These include: 1) establishing/maintaining an independent, externally funded research program, 2) teaching undergraduate and graduate courses, and 3) participating in departmental, college, and university service. Additionally, the Department of Biological Sciences has a strong commitment to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, including past experiences, current interests or activities, and/or future goals to promote a climate that values inclusion and diversity.

**The Department and Purdue University:** The Department of Biological Sciences has faculty members conducting research across the life sciences and hosts cutting-edge cryo-electron microscopy and x-ray crystallography core facilities. The Department also is served by the Bindley Bioscience Center (https://www.purdue.edu/discoverypark/bioscience/), with facilities for flow cytometry/cell separation, metabolite and proteomic profiling, bioinformatics, and advanced imaging. The university has made substantial investments into intradisciplinary life science research by founding the Purdue Institutes for Inflammation, Immunology and Infectious Disease (PI4D), for Integrative Neuroscience (PIN), and for Drug Discovery (PIDD). It also hosts the NCI funded Purdue Center for Cancer Research (PCCR) and recently launched the Purdue Data Science Initiative (www.purdue.edu/data-science/). Biological Sciences is part of the College of Science, which comprises the computing, physical, and life sciences at Purdue. It is the second-largest college at Purdue, with over 350 faculty and more than 6000 students.

Applicants should submit a cover letter, curriculum vita, teaching statement (1 page), and a description of proposed research (2-3 pages) electronically at: https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=8187&company=purdueuniv&username=.

Applicants should arrange for three letters of reference to be emailed to biolscifacsearch@purdue.edu. Applications will be reviewed beginning November 7, 2019. A background check will be required for employment.

**Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.**