

## FACULTY POSITION IN EXPERIMENTAL BIOLOGICAL PHYSICS

The Department of Physics and Astronomy in the College of Science at Purdue University seeks applications for a faculty position at the level of Assistant Professor in the area of experimental biological physics. All areas of experimental biological physics will be considered. Successful candidates will have a joint appointment in both the Department of Physics and Astronomy and the Department of Chemistry (75:25 appointment). We are interested in outstanding scientists with an established track record, a commitment to leading a preeminent research program, and a clear vision for future innovation. Current research efforts within the department apply a variety of experimental and theoretical techniques to investigate intracellular dynamics, cell growth, cell sensing, and structural and electron dynamics in a variety of systems. The department is looking to integrate a creative scientist into the cutting-edge interdisciplinary environment provided by the Purdue University Life Sciences Institutes, including the Purdue Institute of Inflammation, Immunology and Infectious Disease (PI4D) and the Purdue Institute for Integrative Neuroscience (PIIN).

**Qualifications:** Applicants must have a Ph.D. in physics, chemistry, biophysics or a closely related field, an outstanding record of research accomplishments, and evidence of potential for excellence in teaching at both the undergraduate and graduate levels. Candidates are expected to obtain significant research funding, develop vigorous research programs, supervise graduate students, and teach courses at the undergraduate and graduate level.

**The Departments and College:** The two Departments have over 100 tenured and tenure-track faculty, more than 300 graduate students, and over 500 undergraduate students between them. Over the last 5 years the two departments, Chemistry and Physics and Astronomy, have added more than 20 faculty and significant investment has been made in key areas of discovery. The College and the Departments have launched initiatives in new emerging areas, such as Data Science and Quantum Information Science, and committed the resources necessary to make the new growth impactful. For more information, see <http://www.physics.purdue.edu/> and <https://www.chem.purdue.edu/>.

Physics and Astronomy and Chemistry are 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 6,000 students. Purdue itself is one of the nation's leading land-grant universities, with an enrollment of over 41,000 students primarily focused on STEM subjects. For more information, see <https://www.purdue.edu/purduemoves/initiatives/stem/index.php>.

**Application Procedure:** Applications need to be submitted to: [https://careers.purdue.edu/job/Assistant-Professor-of-Physics-and-Astronomy-Experimental-Biological-Physics/590654600/?locale=en\\_US](https://careers.purdue.edu/job/Assistant-Professor-of-Physics-and-Astronomy-Experimental-Biological-Physics/590654600/?locale=en_US) and must include (1) a cover letter that includes a diversity statement, (2) a complete curriculum vitae, (3) a publication list, (4) a brief statement of present and future research plans including funding strategy, and (5) a statement of teaching philosophy. Applicants should also arrange for at least three letters of recommendation to be sent to [bpsearch@purdue.edu](mailto:bpsearch@purdue.edu). Questions regarding the position and search should be directed to [bpsearch@purdue.edu](mailto:bpsearch@purdue.edu). Applications completed by November 1, 2019 will be given full consideration, although the search will continue until the position is filled.

Purdue University's Departments of Physics and Astronomy and Chemistry are committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion. A background check will be required for employment in this position.

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