ASSISTANT PROFESSOR OF PHYSICS AND ASTRONOMY AND CHEMISTRY

The Department of Physics and Astronomy at Purdue University seeks applications for an academic year appointment of an Assistant Professor in the area of experimental biological physics. All areas of experimental biological physics will be considered. The successful candidate 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 an outstanding scientist 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 two departments apply a variety of experimental and theoretical techniques to investigate intracellular and molecular dynamics, cell growth, cell sensing, functions of the proteins, and ultra-fast electron and energy transfer dynamics in a variety of systems.

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 develop a vigorous research program, obtain adequate research funding, 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. 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://career8.successfactors.com/sfcareer/jobreqcareer?jobId=15658&company=purdueuniv
and must include (1) a cover letter, (2) a complete curriculum vitae with a publication list, (3) a brief statement of present and future research plans including funding strategy, and (4) a statement of teaching philosophy. Purdue University’s Department of Physics and Astronomy and Department of 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 a separate Diversity and Inclusion Statement, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion. Applicants should also arrange for at least three letters of recommendation to be sent to bpsearch@purdue.edu. Questions regarding the position and search should be directed to ypushkar@purdue.edu. Applications completed by December 1, 2021 will be given full consideration, although the search will continue until the position is filled. 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.