

Faculty Position in Root/Rhizosphere Biology

The Department of Botany and Plant Pathology at Purdue University seeks applicants for a tenure track faculty position in Root/Rhizosphere Biology at the Assistant Professor level. This is an academic year appointment. The successful candidate will be expected to develop a nationally recognized research program that enhances our understanding of the growth, development and function of roots and/or their interactions with the surrounding biotic and abiotic environment. Specific areas of research may include, but are not limited to, interactions among plants and rhizosphere microbial communities, effects of environmental factors on root structure and function, role of the rhizosphere in plant nutrition and nutrient cycling, microbial community ecology and population studies. Creative approaches to these questions that utilize modern molecular and computational approaches are particularly encouraged. Close collaboration is expected with other faculty, both within the department and in other programs at Purdue. To be successful, the individual must attract external support and supervise graduate student research. Participation in both undergraduate and graduate teaching as a part of the department's overall teaching mission is expected. Salary will be competitive and commensurate with professional experience.

The Department of Botany and Plant Pathology has a diverse and creative faculty that conducts research in plant biology, plant pathology, weed science, and ecology. The department is part of a dynamic research community of basic and applied plant scientists in the College of Agriculture and across the university. The department is located in the newly renovated Lilly Hall with excellent modern lab space and plant growth facilities. Facilities for field-based research are available near campus and throughout the state. Core facilities for genomics, bioinformatics, microscopy, metabolomics and proteomics are available. Discovery Park promotes interdisciplinary research interactions and provides access to advanced analytical technologies and expertise.

In addition to filling current positions, Purdue University has made a commitment to strengthen research in the Plant Sciences by investing in 10 new faculty positions as well as improving research infrastructure through the "Purdue Moves the World Forward" initiative (<http://www.purdue.edu/purduemoves/>). The College of Agriculture at Purdue University is deeply committed to the three land-grant missions (teaching, research, and extension), to international activities and perspectives that span all missions, and to advancing diversity in all areas of faculty effort. The College has 11 academic departments and includes 320 faculty, 2650 undergraduate students, and 690 graduate students. The College's strategic plan can be accessed at <https://www2.ag.purdue.edu/Pages/strategicplan.aspx>.

Qualified candidates will have a Ph.D. in the biological or computational sciences and postdoctoral research experience. Applicants should send a letter of application outlining their research interests and describing their philosophical and conceptual approach to a research/teaching position at a land grant university. Applications should also include a complete resume and the contact information for three references. These materials should be sent electronically to mowp@purdue.edu. Review of applications will begin on December 15, 2013 or until a suitable candidate is identified. A background check will be required for employment in this position.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.

