EIGHT ASSISTANT PROFESSOR TENURE-TRACK POSITIONS

The College of Agriculture at Purdue University, West Lafayette, Indiana, invites applications from outstanding basic scientists for eight academic year tenure-track assistant professor positions that will comprise a college-wide cluster hire in fundamental plant biology. Candidates utilizing modern methods to address important questions in plant biology including but not limited to genomics and molecular genetics, computational modeling, biosensor/imaging, synthetic biology and metabolism are all encouraged to apply. We are interested in individuals working on molecular, organismal or ecosystem levels, and in model systems, crops, or natural systems.

We envision that the majority of candidates will be considered for positions in the Department of Botany and Plant Pathology and the Department of Biochemistry. Positions are also available in the Department of Agronomy, the Department of Entomology, the Department of Forestry and Natural Resources, and the Department of Horticulture and Landscape Architecture for individuals conducting basic plant science research but with an interest in application of their research in more applied contexts.

Each successful candidate will be expected to develop an internationally recognized research program, interact with diverse faculty, staff and students across campus, and contribute to the further development of plant science as an area of excellence on the Purdue University campus. Each such candidate will also teach graduate and/or undergraduate courses, and function as an active member of the departmental and university faculty. Purdue University is a large and vibrant life science community. Our faculty spans disciplines that include biological sciences, physical and computational sciences, agriculture and engineering. Faculty also participate in interdisciplinary graduate programs with focus areas in plant biology, cancer biology, neuroscience, biophysics, gene regulation and bioinformatics.

This hiring initiative is part of the Plant Sciences Research and Education Pipeline, through which are being developed facilities for genome editing, high-throughput controlled environment imaging and field-scale phenotyping, and a plant commercialization incubator. Core facilities for genomics, bioinformatics, microscopy, metabolomics, NMR, X-ray crystallography, flow cytometry and proteomics are available. Substantial resources for field-based research are also available near campus and throughout the state.

Purdue University’s College of Agriculture is one of the world’s leading colleges of agricultural, food, life, and natural-resource sciences and is ranked number 5 globally in the 2015 QS World University Rankings. The College is deeply committed to the three land-grant missions (teaching, research, and extension), to international activities and perspectives that span all missions, and to supporting a diverse and inclusive environment. Purdue is an ADVANCE institution – www.purdue.edu/dp/advance. The College has 11 academic departments and includes 330 faculty, 2,710 undergraduate students, and 685 graduate students. The College’s strategic plan can be accessed at https://www2.ag.purdue.edu/Pages/strategicplan.aspx.

Applicants should have a Ph.D. in life, computational, or physical sciences, preferably with at least two years of post-doctoral experience or its equivalent, a strong publication record, the potential to develop a vigorous, extramurally funded research program, and a commitment to both hypothesis-driven research and teaching excellence. Applications should be submitted electronically to molecularag@purdue.edu and should include in a single pdf file a cover letter, curriculum vitae, two page summary of research interests, a one-page teaching statement, and the names and contact information for three references. Applicants may learn more about the departments involved in this search at https://ag.purdue.edu/plantsciences/pages/molecularag.aspx and indicate in their application up to two departments of greatest interest. Screening of applications will begin October 15, 2015, and will continue until the positions are filled. A background check is required for employment in these positions.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.