

Title: Assistant Professor, Quantitative Methods - Tenure Track

Location: Department of Agricultural Economics, College of Agriculture, Purdue University, West Lafayette, IN, USA

Principal Duties: The Department of Agricultural Economics is seeking an academic-year tenure-track faculty member to develop a nationally-recognized program of scholarly research and teaching in quantitative methods.

The successful applicant will contribute to the development and application of frontier tools in quantitative methods used across the Department's areas of strength, including applied economics, finance, marketing, international trade and development, industrial organization, environment and natural resources. Teaching responsibilities for the position include core PhD training in optimization, as well as the opportunity to develop course(s) in quantitative techniques of value to graduate students such as simulation, mathematical programming, machine learning, and decision analysis. The successful candidate is expected to conduct scholarly research employing frontier quantitative methods, publish in high-impact peer reviewed journals, mentor graduate students, and secure external funding to support their research program.

The successful candidate will have the opportunity to conduct research in collaboration with five dynamic centers housed in the Department and working in the areas of agribusiness, commercial agriculture, international trade, and rural development. Collaborations with these centers, as well as with the University-wide, interdisciplinary centers of excellence in Discovery Park offer important opportunities for funding, impact, and engagement.

Required Qualifications:

1. PhD in Agricultural and Applied Economics, Operations Research, Economics, or another closely related field;
2. Potential for scholarly excellence in frontier quantitative methods;
3. Commitment to teaching excellence;
4. High potential for securing extramural funding;
5. Capacity to teach and mentor students to advance the mission of the Department of Agricultural Economics and College of Agriculture.

Salary and Benefits: Salary is competitive and commensurate with education, training, and professional experience. An excellent fringe benefit package includes a retirement program, medical, and life and disability insurance.

The Department: The Department of Agricultural Economics at Purdue University has 38 tenure track faculty, 508 undergraduate students across four majors, and over 100 graduate students. The department's research and education activities are conducted on a wide array of issues that include agribusiness management, sales, industrial organization, decision sciences, development, trade, macroeconomic policy implications, production, consumption, and environmental and resource issues.

The College: The Department of Agricultural Economics is an integral part of the College of Agriculture, one of the world's leading colleges of agricultural, food, life, and natural resource sciences and ranked seventh in the US in the 2020 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 excellence in all we do. The College has 11 academic departments and includes 295 faculty, 2731 undergraduate students, and 681 graduate students. The College's current strategic plan can be accessed at <https://ag.purdue.edu/plan/Pages/default.aspx>

Application and Materials: To apply, please visit:

<https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=12075&company=purdueuniv>

and upload a single PDF file with the following elements:

Applications must include

- 1.) Cover letter that speaks to the candidate's qualifications for and interests in the position as described herein with contact information,
- 2.) C.V.,
- 3.) Diversity and inclusion statement explaining how the candidate's teaching, scholarship, and mentoring, has helped or will help to foster and advance diversity, equity, and inclusion in the department and the college,
- 4.) Statement of research interests and future research direction,
- 5.) Teaching statement,
- 6.) A list of three professional references with contact information.

Purdue University's Department of Agricultural Economics is 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.

Screening of applicants will begin on December 1, 2020 and will continue until the position is filled. A background check is required for employment in this position. For additional information contact Tracy Buck at tbuck08@purdue.edu

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

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