

The Chair Group of Production and Resource Economics at the TUM School of Life Sciences Weihenstephan and the TUM School of Management offers

2 Ph.D. Student Positions in Production and Resource Economics

starting at the earliest June 1, 2020. Initial appointment will be 2 years with the possibility of extension. Salary is in accordance with the German State Regulated Public Salary Scale (TV-L E13 2/3).

Tasks

The successful candidates are expected to actively engage in an international project on integrated pest management (IPM) of the invasive Japanese Beetle, *Popillia japonica*, funded under the European Union H2020 program. The core aspects include among others: (i) assessing the economics of conventional and alternative pest control strategies, (ii) evaluating the willingness-to-accept IPM based on choice modelling (iii) conducting a comprehensive Cost-Benefit Analysis (CBA) as well as benefit-cost ratios, and (iv) evaluating the productivity and profitability of agricultural systems adopting IPM.

Qualifications

The applicants should possess:

- an excellent university degree in economics, applied economics (e.g. agricultural economics, natural resource economics, environmental economics, ecological economics, agribusiness management), or related disciplines;
- strong analytical and methodological skills with a focus on quantitative data analysis (e.g. econometrics, statistics) as well as qualitative approaches (e.g. in-depth interviewing, survey design, stakeholder analysis);
- knowledge of agriculture, specifically IPM in Europe, agricultural policy as well as production theory is a plus;
- a high motivation and the ability to work independently with a strong team orientation;
- an interest in teaching;
- excellent spoken and written English.

We offer

The Chair Group of Production and Resource Economics offers a highly international and stimulating work environment that promotes individual creativity and effective teamwork. More information about the group is available at <http://pur.wzw.tum.de>.

Application

Please send a cover letter that explains how this position fits with your experiences and goals, your curriculum vitae, a list of references and copies of key documents (transcripts, degree certificates) in a single PDF to the head of the chair group, Professor Johannes Sauer (jo.sauer@tum.de) by the 10th of April 2020. For additional information on the project and the position, please contact Dr. Emmanuel Benjamin (emmanuel.benjamin@tum.de).

As part of the Excellence Initiative of the German federal and state governments, TUM has been pursuing the strategic goal of substantially increasing the diversity of its staff. As an equal opportunity and affirmative action employer, TUM explicitly encourages nominations of and applications from women as well as from all others who would bring additional diversity dimensions to the university's research and teaching strategies. Preference will be given to disabled candidates with essentially the same qualifications.

Technical University of Munich

Chair Group of Production and Resource Economics

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