



THE OHIO STATE UNIVERSITY

POST DOCTORAL RESEARCHER

Human Dimensions of Complex Agricultural Working Landscapes

DESCRIPTION: Dr. Douglas Jackson-Smith and Dr. Kaiguang Zhao, Professor and Assistant Professor in the School of Environment and Natural Resources at the Ohio State University, are seeking a social science postdoctoral research scholar. The position will be based at the Ohio Agricultural Research and Development Center in Wooster, OH. Successful candidates will help design and implement a research program that focuses on human dimensions of complex agricultural working landscapes. Work is part of a larger interdisciplinary research program exploring the social, economic, and ecological dynamics of working landscapes in Ohio. Position is open to scholars who have experience integrating social science data collection and analysis with watershed- and landscape-scale hydrologic and ecosystems service models. Experience with survey methods, economic valuation of ecosystem services, agent-based modeling, multi-level modeling, and/or GIS analyses is desired. Skills in programming or Bayesian data analysis are also desired but not required. Successful candidates will be expected to conduct fieldwork, travel to meet with collaborators, communicate research results to scientific community via journal article publications, conference presentations and seminars; participate and help organize research workshops; and to advise and interact with graduate and undergraduate students. This is initially an 18-month position with the potential to extend depending on funding and performance.

ESSENTIAL DUTIES AND PERCENTAGES:

- 35% Design and implement primary and secondary data collection on agricultural working landscapes in Ohio and Great Lakes region.
- 30% Construct, document and analyze datasets using multivariate and/or spatial analysis techniques.
- 25% Communicate research results to scientific community via journal article publications, conference presentations, seminars, and webinars
- 10% Advise and interact with graduate and undergraduate students in their data collection and analysis/writing work.

EXPERIENCE: This position requires a Ph.D. in relevant social science discipline, excellent quantitative social science research skills, experience integrating data on human dimensions into biophysical models of complex working landscapes, a record of research productivity and excellence, and cultural sensitivity and ability to work effectively with diverse stakeholders. Experience with economic valuation of ecosystem services, ArcGIS, spatial statistics, multi-level modeling, and/or agent-based models is desired. Successful completion of a criminal background check is required.

COMMITMENT TO DIVERSITY AND INCLUSION: The Ohio State University is committed to establishing a culturally and intellectually diverse environment, and encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies. We are an NSF Advance Institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium. The Ohio State University is an equal opportunity/affirmative action employer. Qualified women, minorities, Vietnam-era veterans, disabled veterans, and individuals with disabilities are encouraged to apply. Salary/Support: Salary is dependent on qualifications and experience. The Ohio State University offers one of the most comprehensive benefits packages in the nation, which includes medical, dental, vision, and life insurance; tuition authorization; paid vacation and sick leave; ten paid holidays; and State Teachers Retirement System of Ohio (STRS) or an Alternative Retirement Program.

APPLICATION INSTRUCTIONS:

Send a curriculum vita and a letter of interest summarizing your qualifications, areas of expertise, research interests, and career goals. Please include a statement addressing how you match our required and/or preferred qualifications. Also include in the application packet digital copies of or links to three relevant publications. Provide contact information for three qualified references but do not have letters of recommendation sent until we request that you do so.

Application materials (with the exception of letters of recommendation, which will be requested later) should be sent in a single PDF file as an email attachment to Dr. Douglas Jackson-Smith, Professor at Jackson-smith.1@osu.edu.

Initial consideration will be given to applications received by September 30, 2017. Preferred start date is January 1, 2018, but may be contingent on the availability of the successful applicant. Review of applications will continue until the position has been filled.