

PROMOTION RECOMMENDATION
The University of Michigan
School for Environment and Sustainability

Pamela Jagger, associate professor of environment and sustainability, with tenure, School for Environment and Sustainability, and associate professor of public policy, without tenure, Gerald R. Ford School of Public Policy, is recommended for promotion to professor of environment and sustainability, with tenure, School for Environment and Sustainability, and professor of public policy, without tenure, Gerald R. Ford School of Public Policy.

Academic Degrees:

Ph.D.	2009	Indiana University
M.Sc.	1998	University of Alberta
B.A.	1994	University of Alberta, Economics

Professional Record:

2019–present	Associate Professor, Gerald R. Ford School of Public Policy, University of Michigan
2018–present	Associate Professor, School for Environment and Sustainability, University of Michigan
2018– present	Research Associate Professor, Geography, University of North Carolina at Chapel Hill
2015–2018	Associate Professor, Public Policy, University of North Carolina at Chapel Hill
2010–2015	Assistant Professor, Public Policy, University of North Carolina at Chapel Hill
2010–2018	Faculty, Curriculum for the Environment and Ecology, University of North Carolina at Chapel Hill
2009	Post-doctoral Research Fellow, Department of Agricultural Economics, Purdue University

Summary of Evaluation:

Teaching: Professor Jagger is an engaging and effective mentor of graduate students and post-doctoral scholars. Since her promotion to associate professor, Professor Jagger has worked with two post-doctoral scholars, graduated three PhD students at University of North Carolina at Chapel Hill, and recruited one student to the SEAS PhD program. She serves or has served on the PhD committees of 13 students from University of Carolina at Chapel Hill and other universities. In SEAS, she has graduated one MSc. student and is currently supervising three others. Beyond her own research group, Professor Jagger has led the development and implementation of a Post-doctoral Training Program to support SEAS post-doctoral scholars in their career development and better integration with the SEAS community. Through an NSF PIRE grant, Professor Jagger oversees an international research and training program for graduate and undergraduate students at three institutions.

Professor Jagger’s teaching is excellent; her courses are rich multidisciplinary offerings in SEAS Master’s curriculum. Professor Jagger consistently scores high ratings on student evaluations for both “Excellent Course” and “Excellent Teacher.” Notably, Professor Jagger has been instrumental to the development of the inaugural set of materials for the online Sustainability and Development Master’s Track Program on Coursera, leading the efforts to develop course content and modules. Professor Jagger is also an active mentor to her undergraduate, MSc, and PhD students, in addition to

her post-doctoral fellows and junior faculty colleagues. Many of her students are now working in high-level positions in international environmental and development organizations.

Research: Professor Jagger's research falls broadly in the domain of public policy, with a particular focus on environmental policy. Her research has been internationally recognized as influential in understanding the impact of environmental programs and policies on human well-being and environmental outcomes. Her major contributions to the field include empirical research on the contribution of forests to livelihoods, inequality, and poverty reduction, and use of quantitative impact evaluation methods to evaluate the social impacts of programs and policies including forest-based climate mitigation (e.g., REDD+) and community-based management of protected areas.

Professor Jagger's scholarship is impressive in its quantity, quality, and international influence. She has published 51 articles in refereed journals (20 as the first author). Her work has been cited more than 4,100 times according to Google Scholar. Her record of scholarship and research productivity has allowed her to publish in some of the most important interdisciplinary and field journals. Professor Jagger's scholarly activities span multiple professional communities, all united by her concern with patterns of empirical relationships between the multiple social and environmental outcomes of interventions in the field of sustainability.

Professor Jagger has established a continuous record of grant funding in support of her scholarship. Over the course of her career to date, Professor Jagger has been awarded \$7.87 Million research grant funding from external sources as the PI and \$3.98 Million as co-PI. The National Science Foundation (NSF) and National Institutes of Health (NIH) have continuously supported Professor Jagger's research. Notably, she is the PI on two multidisciplinary, multi-investigator, multi-million dollar grants funded by NSF.

Professor Jagger is an active participant in domestic and international science networks. Her colleagues hold her work in high esteem. This is clearly visible in the large number of invited research presentations that she has made in the US, in European countries, and in lower and middle-income countries. She has made more than 25 invited scholarly and policy presentations since her promotion in 2015 despite the disruptions of COVID19 in the last two years. She serves regularly on a range of research and evaluations panels for the NSF, NIH, and other federal agencies. International organizations such as CIFOR, IUFRO, EFD, and the United Nations have invited her to contribute to their research activities and to inform their program design and implementation. These activities and her accomplishments demonstrate that Professor Jagger is a nationally and internationally recognized leader in her fields of research.

Recent and Significant Publications:

- Angelsen, A., P. Jagger, R. Babigumira, B. Belcher, N. Hogarth, S. Bauch, J. Borner, C. Smith-Olsen and S. Wunder. 2014. Environmental Income and Rural Livelihoods: A Global Comparative Analysis. *World Development* 64 (Supplement 1): S12-S28. (Google Scholar citations: 855)
- Jagger, P. and P. Rana. 2017. Using Publicly Available Social and Spatial Data to Quantitatively Assess Social Impacts of Early REDD+ Activities in Kalimantan, Indonesia. *Environmental Science and Policy*. 76: 59-69. (Google Scholar citations: 29)
- Jagger, P. and C. Jumbe. 2016. Stoves or Sugar? Willingness to Adopt Improved Cookstoves in Malawi. *Energy Policy* 92:409-419. (Google Scholar citations: 50)
- Aung, T., R. Bailis, T. Chilongo, A. Ghilardi, C. Jumbe and P. Jagger. 2021. Energy Access and the Ultra-poor: Do Unconditional Social Cash Transfers Close the Energy Access gap in Malawi? *Energy for Sustainable Development*. 60:102-112.

Galik, C. and P. Jagger. 2015. Bundles, Duties and Rights: A Revised Framework for Analysis of Natural Resource Property Rights Regimes. *Land Economics* 91(1):76-90.
Jagger, P. and G. Shively. 2014. Land Use Change, Fuel Use and Respiratory Health in Uganda. *Energy Policy* 67: 713-726.

Service: Professor Jagger has a strong record of service both externally and internally, demonstrating her qualities of leadership, collaboration, and collegiality. Professor Jagger's external service confirms her stature as an internationally recognized leader in her fields of research. She has engaged meaningfully and substantially with a range of international organizations, NGOs, and agencies to translate her research and knowledge and to inform leaders and staff in these organizations for more effective implementation of environmental and sustainability policies. In addition, Professor Jagger has been serving as the editor-in-chief for the journal *World Development Perspectives* since 2019.

Internally, the breadth of Professor Jagger's scholarship has led to her courtesy appointments in the Ford School of Public Policy and the Institute of Social Research. She is a valued and active member of the University of Michigan's Center for Global Health Equity. In addition, Professor Jagger has served as an elected member of the Executive Committees for both SEAS and the African Studies Center. Professor Jagger also led the successful assessment of the SEAS PhD program which provided invaluable suggestions to grow the program. Starting in fall 2021, Professor Jagger has taken on a new teaching assignment in the SEAS PhD program – EAS 741 Research Paradigms.

External Reviewers:

Reviewer A: "In many ways, it seems crazy that policy impact evaluation has generated attention only recently, but Dr. Jagger has been at the forefront of this major change toward assessing policy impact... Dr. Jagger's scholarly work almost always reflects a nice integration of perspectives and approaches that give the work more significance."

Reviewer B: "...it is clear from her work at IFPRI, RFF, and the World Bank, as well as her broad set of co-authors across multiple fields, that she has a voice at the table of environmental policy across a range of settings. Leading the IUFRO analysis of forests and poverty provides further evidence of her global impact in this area."

Reviewer C: "She is one of the very few researchers outside of an economics department who successfully publishes in both economics and high impact environmental science journals, demonstrating her influence across several disciplines."

Reviewer D: "Pam is an internationally recognized leader in the field of environment and development economics and policy who has made very significant contributions both in terms of research and service, and who will undoubtedly continue to do so in the future."

Reviewer E: "In quantitative terms, Prof. Jagger's research record is very strong. She is twelve years past her PhD and 49 peer-reviewed journal articles and has achieved a Google-H index of 35. This is an indicator of an extremely impressive level of productivity and impact of her scientific work in the scientific communities to which she contributes... I'd estimate that she is in the top 10% of similar scholars."

Reviewer G: "The combination of impressive quantity and quality research produced by Dr. Jagger is remarkable. I would rank her in the top handful in her peer group in population, poverty, and environment dynamics."

Reviewer H: “She has a very solid academic profile, with very valuable scientific contributions, a well-thought research programme, and a significant involvement in science-policy interface and in fostering the outreach and impact of her work.”

Reviewer I: “...a particular strength of Dr Jagger’s research is her rigorous methodological approach – I particularly appreciate the clarity with which she lays out her research methods, outlines limitations and presents what are frequently quite nuanced findings in a way that nevertheless provides direction for policymakers working in complex and often data-poor environments.”

Summary of Recommendation: Professor Jagger is an internationally recognized leading scholar in environment and development policy in the Global South. Her publication record is excellent, and her research has been cited widely by international scholars. Her research has made significant contributions to the understanding of the impact of environmental programs and policies on human well-being and environmental outcomes. Professor Jagger has been highly successful securing federal and international funding to support her research. She has been an exemplary mentor to her PhD students and post-doctoral scholars. Professor Jagger is an excellent teacher of students at the University of Michigan. Her service has significantly contributed to SEAS, the university, and her profession. We enthusiastically recommend Pamela Jagger for promotion to professor of environment and sustainability, with tenure, School for Environment and Sustainability, and professor of public policy, without tenure, Gerald R. Ford School of Public Policy.



Jonathan T. Overpeck
Samuel A. Graham Dean
School for Environment and Sustainability



Michael S. Barr
Joan and Sanford Weill Dean of Public Policy
Gerald R. Ford School of Public Policy

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