

Kajal Gulati

Department of Agricultural, Food, and Resource Economics

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Employment

Academic Appointments

08/24 – Present	Assistant Professor, Agricultural, Food, and Resource Economics Michigan State University
08/20 – 08/24	Assistant Professor, Agricultural Economics Purdue University

Other Positions

08/17 – 07/20	Research Associate, International Development, IMPAQ International, Oakland, CA
12/10 – 07/12	Senior Research Analyst, International Food Policy Research Institute, New Delhi, India
04/09 – 11/10	Senior Research Assistant, International Food Policy Research Institute, Washington, D.C.

Consulting

2023	Food and Agricultural Organization of the United Nations
2013, 2014, 2015, 2016	International Food Policy Research Institute
2014-2015	United Nations Women
2014	The World Bank

Education

Ph.D. Agricultural and Resource Economics, University of California, Davis, 2012–2017

M.A. Public Administration, Cornell University, 2006-2008

B.A. Liberal Arts, Soka University of America, 2002-2006

Awards and Honors

Uma Lele Prize for Best Contributed Paper on Gender, 2024

Teaching Award of Merit, NACTA & Purdue University, 2023

William G. and Kathleen Golden International Agricultural Fellowship, UC-Davis, 2016–2017

Henry A. Jastro Research Award, UC-Davis, 2016–2017

William Duffy Rice Fellowship, UC-Davis, 2015
Cornell Institute for Public Affairs Fellowship Recipient, Cornell University, 2006-2008
Soka Award for Excellence in Academic Mentoring, SUA, 2006
Soka Merit Award for Academic Excellence, SUA, 2002

Journal Articles

1. **Gulati, K.**, P. Ward, T.J. Lybbert, and D.J. Spielman. 2023. “Intrahousehold preference heterogeneity and demand for labor-saving agricultural technology.” *American Journal of Agricultural Economics* 106(2): 684-711.
2. Lybbert, T.J., N.P. Magnan, D.J. Spielman, A.K. Bhargava, and **K. Gulati**. 2018. “Targeting technology to increase smallholder profits and conserve resources: Experimental provision of laser land leveling services to Indian farmers.” *Economic Development and Cultural Change* 66 (2): 265-306.
3. Magnan, N.P., D.J. Spielman, T.J. Lybbert, and **K. Gulati**. 2015. “Leveling with friends: Social networks and Indian farmers’ demand for a technology with heterogeneous benefits.” *Journal of Development Economics* 116: 223-251.
4. Lybbert, T.J., N.P. Magnan, A.K. Bhargava, **K. Gulati**, and D.J. Spielman. 2013. “Farmers’ heterogeneous valuation of laser land leveling in eastern Uttar Pradesh: An experimental auction to inform segmentation and subsidy strategies.” *American Journal of Agricultural Economics (Proceedings)* 95(2): 339-345.

Papers in Review

(*Underlined authors represent graduate or undergraduate students*)

1. **Gulati, K.**, K. Saha, and T.J. Lybbert. “Women’s work and agricultural productivity gaps in India” (*Revise and Re-submit*)
2. **Gulati, K.**, N.M. Magnan, T.J. Lybbert, and D.J. Spielman “Gendered networks and demand for an agricultural technology in India” (*Under Review*)

Working Papers

1. Arias-Granada, Y., J. Bauchet, J. Ricker-Gilbert, and **K. Gulati**. “Social networks and demand for credence agricultural technologies.”
2. **Gulati, K.**, J. Bauchet, J. Ricker-Gilbert, and Y. D. Kane. “Information and credence goods in agricultural households.”
3. **Gulati, K.**, A. Hobbs, and A. Shukla. “Impact of agricultural policies on crop residue burning in India.”

Works in Progress

1. **Gulati, K.**, M. Stigler, M. Jain, T.J. Lybbert, and D.J. Spielman. “Evolution of agricultural machinery markets in India: Revisiting the determinants of technology diffusion.”
2. **Gulati, K.**, A. Hobbs, and A. Gosheff. “Agricultural fires and policies.”
3. Saha, K. and **K. Gulati**. “Agricultural mechanization and gendered structural transformation in India.”
4. Saha, K. and **K. Gulati**. “Agricultural mechanization and investment in human capital in India.”
5. Saha, K., C. Sullivan, and **K. Gulati**. “Risk sharing in agricultural households in Bangladesh.”
6. **Gulati, K.**, E. Safarha, M. Gulemetova, and D. Zaas. “Quasi-experimental evaluation of the Food for Education program in Mali.”

Peer-Reviewed Policy Publications

1. Buehren, N., M. Goldstein, **K. Gulati**, D. Kirkwood, V. Slavchevska, D. Smith, A. Torkelson, and M. Westman. 2015. “The cost of the gender gap in agricultural productivity in Malawi, Tanzania, and Uganda.” *The World Bank Group*, Washington D.C.
2. O’Sullivan, M., A. Rao, R. Banerjee, **K. Gulati**, and M. Vinez. 2014. “Levelling the field: Improving opportunities for women farmers in Africa.” *The World Bank Group*, Washington D.C.
3. Spielman, D., D. Kolady, P.S. Ward, H. Rashid, and **K. Gulati**. 2012. “Public expenditures, private incentives, and technology adoption: The economics of hybrid rice in South Asia. *International Food Policy Research Institute*, Washington D.C.
4. Ahmed, A., R.V. Hill, L.C. Smith, D. Wiesmann, T. Frankenberger with assistance from **K. Gulati**, W. Quabili, and Y. Yisehac. 2007. “The world’s most deprived: Characteristics and causes of extreme poverty and hunger.” *International Food Policy Research Institute*, Washington D.C.

Other Policy Publications and Outreach

1. Georgia’s dairy and beef sector baseline evaluation. *Presentation made to Land O’Lakes International* (2019).
2. Technologies for rural women in Africa. Policy Brief. *United Nations Entity for Gender Equality and the Empowerment of Women* (2016).
3. Use of a novel water-saving agricultural technology among Indian farmers. Policy Brief. Spielman, D.J., A.K. Bhargava, K. Gulati, T.J. Lybbert, and N. P. Magnan *Ideas for India* (2015). International Growth Centre, New Delhi.

Grants

1. Breaking the vicious cycle of loss and waste: Evaluating and scaling cold chain storage innovations in Bangladesh
Sponsor: USAID – Feed the Future Food Systems for Nutrition Innovation Lab, Tufts University (2023-2026)
Amount: \$700,000
Role: Principal investigator
2. Consumer demand for improved safety in informal milk markets in Senegal
Sponsor: Center for Food Demand Analysis & Sustainability, Purdue University (2024)
Amount: \$25,000
Role: Co-principal investigator
3. The role of improving diagnostics, biocontrol products, and integrated pest management practices in reducing aflatoxins contamination in groundnuts in Senegal
Sponsor: Ralph W. and Grace M. Showalter Research Trust (2021-2022)
Amount: \$75,000
Role: Principal investigator
4. Strategies for increasing food safety practices among smallholder farmers: Reducing aflatoxins in Senegal (2021-2022)
Sponsor: Clifford B. Kinley Trust
Amount: \$20,000
Role: Co-principal investigator

Presentations

Invited Seminar Presentations

1. Department of Agricultural, Food, and Resource Economics, Michigan State University, 2021
2. Department of Agricultural, Food, and Resource Economics, Rutgers, The State University of New Jersey, 2021
3. Brown Bag Seminar, International Food Policy Research Institute, Washington D.C., 2016

Selected Conference Presentations

- 2024 International Conference for Agricultural Economists, New Delhi, India
Agricultural and Applied Economics Association Conference, New Orleans, LA
Pacific Conference for Development Economics, Stanford, CA
- 2023 Annual CGIAR Gender Research Conference, New Delhi, India
10th Anniversary Tata Cornell Initiative Conference, Ithaca, NY
- 2022 Agricultural and Applied Economics Annual Meeting, Anaheim, CA
- 2021 Agricultural and Applied Economics Annual Meeting, Austin, TX
- 2020 International Consortium on Applied Bioeconomy Research Virtual Conference
- 2019 Agricultural and Applied Economics Annual Meeting, Atlanta, GA
Comparative and International Education Society Conference, San Francisco, CA
Future of Work Conference, The World Bank, Washington, D.C.
- 2018 International Consortium on Applied Bioeconomy Research Conference, Washington D.C.
- 2017 Agricultural and Applied Economics Annual Meeting, Chicago, IL
Pacific Conference for Development Economics, Riverside, CA
- 2016 North East Universities Development Consortium Conference, Boston, MA
Agricultural and Applied Economics Annual Meeting, Boston, MA
- 2014 Pacific Conference for Development Economics, Los Angeles, CA

Graduate and Undergraduate Advising

Ph.D.

1. Koustuv Saha, Advisor and co-author, Current
2. Diamilatou Kane, Co-author, Current
3. Yurani Arias-Granada, Committee member and co-author, Graduated 2022 - *Environmental economist, World Bank*

M.S.

1. Lorenzo Alegria Estades, Co-advisor and co-author, Current
2. Alejandra Armesto, Committee member and co-author, Graduated 2024 - *Ph.D.*
3. Wyatt D. Pracht, Committee member, Graduated 2023 - *Ph.D. - Kansas State University*

Undergraduate

1. Kevin C. Kingshill, Advisor and co-author
2. Joshua K. Bailey, Advisor, Graduated 2023 - *M.S., Agricultural and Biological Engineering, Purdue University*
3. Alaina C. Gosheff, Advisor and co-author, Graduated 2022 - *M.S. - Agricultural Sciences, University of Hohenheim*

Teaching

Instructor

International Economic Development (Undergraduate)	2020 - 2023, 2016
Economic Geography of World Food & Resources (Undergraduate)	2021 - 2023
Microeconometrics using Stata (Short training course for Bosnian economic researchers)	2019

Teaching Assistant

Applied Research Methods in Microeconomics (Graduate)	2016, 2017
Econometric Theory and Applications (Undergraduate)	2016
Intermediate Microeconomics (Undergraduate)	2015
Hindi (Undergraduate and Graduate)	2007, 2008

Professional Service

Advisory Service

Advisor, Young Africa Leadership Institute: Advising an emerging changemaker from Sub-Saharan Africa who will be participating in a six-week academic/leadership training hosted by the Jeb E. Brooks School of Public Policy at Cornell University, Ithaca, NY.

Advisor, All India Federation of Self Employed Women's Association: Contributed to devising the digital asset strategy for rural women in India for an organization working with rural women entrepreneurs.

Journal Review

Agricultural Economics, American Journal of Agricultural Economics, Campbell Systematic Reviews, Canadian Journal of Agricultural Economics, Development Policy Review, Empirical Economics, Environment and Development Economics

Grant Review

Purdue Agricultural Science and Extension for Economic Development

Conference Review

Agricultural and Applied Economics Annual Meeting, 2022-Present
Internatinal Conference for Agricultural Economists, 2024

Other Information

Citizenship: India, U.S. Permanent Resident

Languages: English (first language), Hindi (native fluency), Japanese (social proficiency)

Fieldwork Experience: Bangladesh, Georgia, India, Nepal, and Uganda