

JOYCE J. CHEN

CONTACT INFORMATION

Women's, Gender and Sexuality Studies
The Ohio State University
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EDUCATION

Harvard University, Cambridge, MA
Ph.D., Department of Economics June 2006
Dissertation Title: *Household Decision-Making Processes, Non-Cooperative Behavior, and the Implications for Child Welfare*
Advisor: Mark R. Rosenzweig
M.A., Department of Economics June 2005
Brown University
B.A. Economics, Magna Cum Laude and with Honors May 1999
Thesis Title: *Intrahousehold Allocation Under Varied Household Structures*
Class of 1920 Outstanding Honors Thesis Award
Advisor: Mark M. Pitt

PROFESSIONAL APPOINTMENTS

POSITIONS

Senior Economist, Amazon October 2021 – present
The Ohio State University, Women's, Gender and Sexuality Studies
Professor August 2022 – present
The Ohio State University, Agricultural, Environmental and Development Economics
Professor June 2022 – August 2022
Associate Professor with Tenure August 2020 – present
Associate Professor with Tenure (75% FTE) June 2017 – July 2020
Assistant Professor (66% FTE) Oct. 2007 – present
Assistant Professor (70% teaching, 30% research) Oct. 2006 – Sept. 2007
Agricultural and Applied Economics Association
Chair-Elect, Committee on Women in Agricultural Economics June 2018-present

APPOINTMENTS

Editor, *Review of Economics of the Household* 2019-2021
Chair, President and Provost's Council on Women, The Ohio State University 2021
Associate Editor, *American Journal of Agricultural Economics* 2018-present

SELECT AFFILIATIONS

Sustainable and Resilient Economy, Faculty Affiliate 2016-present
Institute for the Study of Labor (IZA), Research Fellow Nov. 2015 – present
Department of Economics, Courtesy Appointment April 2007 – present
Institute for Population Research, Faculty Affiliate Oct. 2006 – present

PUBLICATIONS (Student Co-Author Indicated by *)

JOURNAL ARTICLES

1. Kim, MinSub*, **Joyce J. Chen**, and Bruce Weinberg. "Gender Pay Gaps in Economics: A Deeper Look at Institutional Factors." Forthcoming. *Agricultural Economics*.
2. **Chen, J.**, Mueller, V., Durand, F. et al. 2022. "Salinization of the Bangladesh Delta worsens economic precarity." *Population and Environment*. 44, 226–247.
3. Genetin, Brandon*, **Joyce J. Chen**, Vladimir Kogan, and Alan Kalish. 2022. "Mitigating implicit bias in student evaluations: A randomized intervention." *Applied Economic Perspectives and Policy*. CWAEE 40th Anniversary Special Issue. 44(1), 110-128.
4. Bell, A., D. Wrathall, V. Mueller, **J. Chen**, M. Oppenheimer, M. Hauer, H. Adams, S. Kulp, P. Clark, E. Fussell. 2021 "Migration towards Bangladesh coastlines projected to increase with sea-level rise through 2100." *Environmental Research Letters*. 16 024045.
5. Wrathall, D., V. Mueller, P. U. Clark, M. Oppenheimer, M. Hauer, S. Kulp, E. Gilmore, H. Adams, A. Bell, R. Kopp, K. Abel, M. Call, J. Chen, A. deSherbinin, E. Fussell, C. Hay, B. Jones, N. Magliocca, E. Marino, A. Slangen, and K. Warner. "Meeting the Looming Challenge of Future Migration from Global Sea-Level Change." 2019. *Nature Climate Change*. 9, 898-901.
6. **Chen, Joyce J.** and Valerie Mueller. 2019. "Climate-Induced Cross-border Migration and Change in Demographic Structure." *Population and Environment*. 41(2), 98-125.
7. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. 2019. "Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics." *Review of Development Economics*, 23(4),1477-1519. Lead Article.
8. **Chen, Joyce J.** and Daniel Crown*. 2019. "The Gender Pay Gap in Academia: Evidence from The Ohio State University." *American Journal of Agricultural Economics*, 101(5), 1337-1352.
9. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. 2019. "Moving to Despair? Migration and Well-Being in Pakistan." *World Development*. 113, 186-203.
10. **Chen, Joyce J.** and Valerie Mueller. 2018. "Coastal Climate Change, Soil Salinity and Human Migration in Bangladesh." *Nature Climate Change*. 8, 981-985.
11. Kondratjeva, Olga* and **Joyce J. Chen**. 2018. "Children's Schooling in Nicaragua: What Is the Link Between Educational Achievement and Borrowing?" *Review of Development Economics*. 22(3), 1125-1145.
12. **Chen, Joyce J.**, Valerie Mueller, Yuanyuan Jia*, and Steven Kuo-Hsin Tseng. 2017. "Validating Migration Responses to Flooding Using Satellite and Vital Registration Data." *American Economic Review*. 107(5), 441-445.
13. **Chen, Joyce J.** and Mark M. Pitt. 2017. "Sources of Change in the Demand for Energy by Indonesian Households: 1980-2002." *Energy Economics*. 61, 147-161.
14. Braun, Boris, **Joyce J. Chen**, Kathryn Dotzel*, and Craig Jenkins. 2016. "Climate Change and Migration in Coastal Bangladesh." *Geographische Rundschau*. 7-8, 10-15.
15. Akresh, Richard, **Joyce J. Chen**, and Charity Moore*. 2016. "Altruism, Cooperation, and Efficiency: Agricultural Production in Polygynous Households." *Economic Development and Cultural Change*. 64(4), 661-696.
16. **Chen, Joyce J.** 2015. "The Impact of Skill-Based Immigration Restrictions: The Chinese Exclusion Act of 1882." *Journal of Human Capital*. 9(3), 298-328.
17. **Chen, Joyce J.** and LaPorchia Collins*. 2014. "Let's Talk About the Money: Spousal Communication, Expenditures and Farm Production." *American Journal of Agricultural Economics*. 96(5), 1272-1290.
18. **Chen, Joyce J.** 2013. "Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households." *Journal of Development Economics*. 100(1), 1-18. Lead Article.

PEER-REVIEWED JOURNAL ARTICLES (CONT.)

19. Hernandez*, Emilio, Abdoul Sam, Claudio Gonzalez, and **Joyce J. Chen**. 2012. “Does the Insurance Effect of Public and Private Transfers Favor Financial Deepening? Evidence from Rural Nicaragua.” *Review of Development Finance*. 2(1), 9-21.
20. Akresh, Richard, **Joyce J. Chen**, and Charity Moore*. 2012. “Productive Efficiency and the Scope for Cooperation in Polygynous Households.” *American Journal of Agricultural Economics*. 94(2), 395-401. Agricultural and Applied Economics Association Selected Paper, Editor-Reviewed.
21. **Chen, Joyce J.** 2011. “Dads, Disease and Death: Determinants of Daughter Discrimination.” *Journal of Population Economics*. 25(1), 119-149.
22. Yuanjing Jin*, Eugene Jones, **Joyce Chen**, and Abdoul Sam. 2010. “An Economics Analysis of Consumers’ Purchasing Behavior for Breakfast Cereals.” *Journal of Food Distribution Research*. 41(1), 64-69.
23. **Chen, Joyce J.** 2006. “Migration and Imperfect Monitoring: Implications for Intra-Household Allocation,” *American Economic Review*, 96(2), 227–231. American Economic Association’s Committee on the Status of Women in Economics Profession Selected Paper, Peer-Reviewed.

GENERAL PRESS

1. **Chen, Joyce J.** 2019. “Climate change, conflict and displacement: Sides of the same coin.” *Great Insights Magazine*. Autumn. 8(4), 22-23. <https://ecdpm.org/great-insights/complex-link-climate-change-conflict/climate-change-conflict-displacement/>
2. **Chen, Joyce J.** and Valerie Mueller. 2018. “Climate change is making soils saltier, forcing many farmers to find new livelihoods.” *The Conversation*. <https://theconversation.com/climate-change-is-making-soils-saltier-forcing-many-farmers-to-find-new-livelihoods-106048>
3. **Chen, Joyce J.** and Valerie Mueller. 2018. “Sea level rise will likely prompt migration in Bangladesh.” *Behavioral and Social Sciences at Nature Research*. <https://socialsciences.nature.com/users/180294-valerie-mueller/posts/39481-in-bangladesh-rising-sea-levels-may-prompt-locals-to-move>

UNDER REVIEW

1. Kogan, Vladinir, Brandon Genetin*, **Joyce J. Chen**, Alan Kalish. “Students’ Grade Satisfaction Influences Evaluations of Teaching: Evidence from Individual-level Data and an Experimental Intervention.” In review, *Educational Researcher*.

WORKS IN PROGRESS

1. **Chen, Joyce J.**, Valerie Mueller, and Brian Thiede. “Can Declines in Fertility During Floods Be Explained by Increased Demands on the Farm?”
2. Thiede, Brian, **Joyce J. Chen** and Valerie Mueller. “It’s Raining Babies? Flooding and Fertility Choices in Bangladesh.”
3. Crown, Daniel* and **Joyce J. Chen**. “The Gender Wage Gap in Federal Agencies.”
4. **Chen, Joyce J.** and Daniel Crown. “The Gender Wage Gap in Higher Education: Peer Effects, Representation, and Role Models.”
5. Acuna-Garcia, Julio* and **Joyce J. Chen**. “Sequential Migration: Unaccompanied Children, Separated Families, and Crime in the Northern Triangle.”
6. **Chen, Joyce J.** and Valerie Mueller. “Climate Migrants and Conflict in Bangladesh.”
7. **Chen, Joyce J.** and Valerie Mueller. “Environmental Vulnerability and The Demographic Equation.”
8. **Chen, Joyce J.** and Md. Nazmul Hassan. “The Interaction Between Migrants and Origin Households: Evidence from Linked Data.” In preparation for *Review of Economics and Statistics*.

GRANTS AND HONORS

EXTERNAL FUNDING

1. Co-I. 07/2022-06/2027. Mother-Child Ties and Mother's Well-Being as Children Transition to Adulthood. National Institutes of Health. \$1,012,834.
Examine changing mother-child ties as children transition to adulthood in Mozambique, with particular attention to the role of increased rural-urban migration.
2. Co-I. 04/2021-04/2024. Remote Sensing for Forest Renewal, Ecosystem Services, and Sustainable Hydrological Management (REFRESH). USAID. \$1,384,098 (total award).
Jointly develop integrated physical-social science framework to model the coupled relationship between eco-systems and human well-being and develop a framework for forest conservation and hydrological management in India.
3. PI. 05/2021-04/2022. The Gender Pay Gap in Economics: A Deeper Look at Institutional Factors in Academia. EOS Foundation. \$5,000.
Employed several undergraduate research assistants to collect data on faculty salaries at large public universities.
4. Co-PI. Developing faculty leadership teams to implement inclusive and intentional mentoring programs at 1862 and 1890 Land Grant institutions. USDA-NIFA. \$15,000.
Jointly designed and implemented pilot program on culturally responsive mentoring for doctoral students and advisors in colleges of agriculture.
5. PI. 01/2020-12/2021. Reducing impact of student bias on feedback surveys: A pilot study. Bluenotes Group. \$10,000.
6. PI. 06/2016-12/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. International Growth Center. £83,000.
Design and implement survey for collection of high frequency data on migration via mobile phones.
7. Co-I. 01/2015-07/2015. Building Community Climate Resilience in Coastal Bangladesh: Stage One. Global Resilience Partnership. PI: Craig Jenkins. \$200,000 (total award).
Jointly organized collaborative planning workshop in Dhaka, Bangladesh focused on coastal vulnerability and water resource management.
8. Co-PI. 06/2014-06/2018. Infrastructure, Mis-Allocation and Economic Growth in Bangladesh. International Growth Centre. PI: Mark M. Pitt. £50,000 (total award).
Design survey questionnaires, sampling frame, and enumerator training materials for fifth wave of Nutrition Survey of Rural Bangladesh.
9. Co-I. 09/2013-09/2017. Bangladesh Delta: Assessment of the Causes of Sea-Level Rise Hazards and Integrated Development of Predictive Modeling Towards Mitigation and Adaptation (BAND-AID). National Science Foundation via Belmont Forum. PI: C.K. Shum. \$600,000 (total award).
Estimate the causal effect of environmental factors on internal migration from coastal communities and project future vulnerability to sea-level rise in Bangladesh.

INTERNAL FUNDING

1. PI. 01/2021-01/2022. Continuing Engagement and Collaboration of 1994, 1890, 1862, Federal and Private Sector Institutions: Building the Pipeline from Undergraduate to Graduate Training. AAEA Trust. \$33,000.
Jointly designed and implemented pilot program on culturally responsive mentoring for doctoral students and advisors in colleges of agriculture.
2. PI. 09/2019-08/2020. Sea-Level Rise, Climate Migration, and Conflict in Coastal Bangladesh. Mershon Center. \$35,000.
3. PI. 09/2018-08/2019. Addressing the Gender Pay Gap at OSU and Beyond. Coca Cola Critical Difference Faculty Research Grant. \$5,000.
Quantify the gender pay gap at OSU and assess the key contributing factors.

INTERNAL FUNDING (CONT.)

4. Co-PI. 09/2017-09/2018. Managing Disaster Risk: Launching Micro Insurance in Bangladesh. Mershon Center. PI: C.K. Shum. \$26,737 (total award).
Quantify links between weather realizations, crop yields, and household income to assess scope for micro-insurance programs in Bangladesh.
5. Co-PI. 09/2016-09/2017. Pilot Study on International Security: Disaster Refugees and Flood Early Warning in Bangladesh. Mershon Center. PI: Craig Jenkins. \$20,000 (total award).
Design survey to evaluate efficacy of new flood early warning system.
6. PI. 06/2016-06/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. Sustainable and Resilient Economy Program. \$30,000.
Design survey for collection of high frequency data on migration via mobile phones.
7. PI. 06/2016-06/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. Initiative in Population Research. \$45,000.
Design survey for collection of high frequency data on migration via mobile phones.
8. Co-PI. 09/2014-09/2015. Yangtze Delta Coastal Vulnerability: Towards an Integrated Social and Natural Science Framework for Urban Sustainability (YANG-SOS). Discovery Themes Global Gateways. PI: C.K. Shum. \$25,000 (total award).
Jointly organized collaborative workshop for understanding the complex interactions between environmental and anthropogenic aspects of climate change in the Yangtze River Delta.
9. PI. 06/2007-06/2009. Causal Effect of Temporary Migration on Sending Households and Migrants. Population and Health Targeted Investment in Excellence Initiative. \$30,000.
Design survey questionnaires for temporary migrants in Nutrition Survey of Rural Bangladesh.
10. PI. 06/2007-06/2009. Migration and Social Networks. Initiative in Population Research. \$5000.
Design survey module on migration history.

AWARDS AND HONORS

1. NAREA Award for the Promotion of Diversity, Equity, and Inclusion, 2022.
2. LEAD21 Cohort Member.
3. Dissertation Fellowship, Project on Justice, Welfare and Economics, Weatherhead Center for International Affairs, Harvard University, 2004-2005.
4. Pre-Doctoral Fellow, Center for International Development, Kennedy School of Government, Harvard University, 2004-2006.
5. Outstanding Presenter, Population Association of America Annual Meeting, 2003.

SERVICE (selected)

AGRICULTURAL AND APPLIED ECONOMICS ASSOCIATION

1. Chair, Committee on Women in Agricultural Economics, Agricultural and Applied Economics Association, 07/2020-present.
2. Member, Diversity, Equity, and Inclusion Task Force, 05/2020-present.
3. Member, Publications Committee, 07/2020-present.
4. Member, Awards Committee, 07/2018-present.

THE OHIO STATE UNIVERSITY

5. Chair-Elect, President and Provost's Council on Women, 01/2020-present.
6. Member, Task Force on Racism and Racial Inequities, 05/2020-present.
7. Member, University Work Group on Research and Creative Expression, 04/2020-present.
8. Member, Faculty Advisory Committee, Alliance for the American Dream, 2018-2019.
9. Graduate Studies Committee, Interdisciplinary Specialization in Demography, 2014-present.

THE OHIO STATE UNIVERSITY (CONT.)

10. Member, Diversity, Equity and Inclusion Action Council, College of Food, Agricultural, and Environmental Sciences, 01/2021-present.
11. Member, SEEDS Research Committee, College of Food, Agricultural, and Environmental Sciences, 01/2017-02/2020.
12. Member, Diversity and Inclusion Task Force, Mershon Center, 10/2020-present.
13. Member, Faculty Council, Agricultural, Environmental, and Development Economics, 09/2020-present.
14. Dissertation Advisor (11); Dissertation Committee Member (40); Undergraduate Honors Theses (6)

COMMUNITY

15. Grant Reader, Women's Fund of Central Ohio, 2017-2018.
16. Speaker, Women for Economic and Leadership Development National Leadership Conference. 2021.