

JOYCE J. CHEN

CONTACT INFORMATION

Agricultural, Environmental, and Development Economics
The Ohio State University
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Columbus, OH 43210
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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

The Ohio State University, Agricultural, Environmental and Development Economics
Associate Professor with Tenure (75% FTE) June 2017 – present
Assistant Professor (66% FTE) Oct. 2007 – present
Assistant Professor (70% teaching, 30% research) Oct. 2006 – Sept. 2007

APPOINTMENTS

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

AFFILIATIONS

Mershon Center for Security Studies, Faculty Affiliate 2016-present
Global Mobility Project, Faculty Affiliate 2016-present
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
Graduate Studies Committee, Interdisciplinary Specialization in Demography Aug. 2014 – present
Faculty Affiliate Oct. 2006 – present

PUBLICATIONS (Student Co-Author Indicated by *)

JOURNAL ARTICLES

1. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. “Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics.” Forthcoming, *Review of Development Economics*.
2. **Chen, Joyce J.** and Daniel Crown*. “The Gender Pay Gap in Academia: Evidence from The Ohio State University.” Forthcoming, *American Journal of Agricultural Economics*.
3. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. 2019. “Moving to Despair? Migration and Well-Being in Pakistan.” *World Development*. 113, 186-203.
4. **Chen, Joyce J.** and Valerie Mueller. 2018. “Coastal Climate Change, Soil Salinity and Human Migration in Bangladesh.” *Nature Climate Change*. 8, 981-985.
5. 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.
6. **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.
7. **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.
8. Braun, Boris, **Joyce J. Chen**, Kathryn Dotzel*, and Craig Jenkins. 2016. “Climate Change and Migration in Coastal Bangladesh.” *Geographische Rundschau*. 7-8, 10-15.
9. 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.
10. **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.
11. **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.
12. **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.
13. 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.
14. 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.
15. **Chen, Joyce J.** 2011. “Dads, Disease and Death: Determinants of Daughter Discrimination.” *Journal of Population Economics*. 25(1), 119-149.
16. 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.
17. **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.** 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>
2. **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. D. Wrathall, V. Mueller, P. U. Clark, M. Oppenheimer, M. Hauer, S. Kulp, E. Gilmore, H. Adams, A. Bell, **J. Chen**, R. Kopp, K. Abel, M. Call, A. de Sherbinin, 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." Revision requested, *Nature Climate Change*.
2. **Chen, Joyce J.** and Valerie Mueller. "Climate-Induced Cross-border Migration and Change in Demographic Structure." Revision requested, *Population and Environment*.
3. **Chen, Joyce J.** and Jon Einar Flatnes. "Credit Access, Migration, and Climate Change Adaptation in Rural Bangladesh." In review, *World Development*.
4. Maldonado, Norman* and **Joyce J. Chen**. "Production of Health: Children's Obesity in China." In review, *Applied Health Economics and Health Policy*.
5. Dadzie, Nicholas, David Kraybill, and Joyce J. Chen. "Are Households Nutrition Conscious When Shock-induced Food Consumption Decisions are Made? Panel Data Evidence from Rural Ethiopia." In review, *World Development*.
6. Maldonado, Norman* and **Joyce J. Chen**. "Migration, Strategic Behavior and Children's Human Capital in Mexico." In review, *Review of Economics of the Household*.

WORKS IN PROGRESS

1. **Chen, Joyce J.** and Daniel Crown. "The Gender Wage Gap in Higher Education: Peer Effects, Representation, and Role Models."
2. Acuna-Garcia, Julio and **Joyce J. Chen**. "Sequential Migration: Unaccompanied Children, Separated Families, and Crime in the Northern Triangle."
3. **Chen, Joyce J.** and Valerie Mueller. "Climate Migrants and Conflict in Bangladesh."
4. **Chen, Joyce J.** and Valerie Mueller. "Environmental Vulnerability and The Demographic Equation."
5. Acuna-Garcia, Julio, **Joyce J. Chen**, Craig Jenkins, and C.K. Shum. "Weather and Environmental Impacts on Rice Yields in Bangladesh."
6. Thiede, Brian, **Joyce J. Chen** and Valerie Mueller. "It's Raining Babies? Flooding and Fertility Choices in Bangladesh."
7. **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*.
8. Maldonado, Norman* and **Joyce J. Chen**. "Migration, Strategic Behavior and Children's Human Capital in Mexico." In preparation for *Journal of Development Studies*.
9. **Chen, Joyce J.**, Audrey Light, and Katerine Ramirez-Nieto. "Does Migration Affect Risk Preferences: Evidence from Mexico."
10. Dadzie, Nicholas, **Joyce J. Chen**, and David S. Kraybill. "Are Households Nutrition Conscious when Shock-induced Food Consumption Decisions are made? Panel Data Evidence from Rural Ethiopia."

GRANTS AND HONORS

EXTERNAL FUNDING

1. 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.
2. 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.
3. 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.
4. 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. 09/2019-08/2020. Sea-Level Rise, Climate Migration, and Conflict in Coastal Bangladesh. Mershon Center. \$35,000.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. PI. 06/2007-06/2009. Migration and Social Networks. Initiative in Population Research. \$5000.
Design survey module on migration history.

AWARDS AND HONORS

1. Dissertation Fellowship, Project on Justice, Welfare and Economics, Weatherhead Center for International Affairs, Harvard University, 2004-2005.
2. Pre-Doctoral Fellow, Center for International Development, Kennedy School of Government, Harvard University, 2004-2006.
3. Outstanding Presenter, Population Association of America Annual Meeting, 2003.