

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
Assistant Professor (Part-Time Tenure Track, 66% FTE) Oct. 2007 – present
Assistant Professor (70% teaching, 30% research) Oct. 2006 – Sept. 2007

AFFILIATIONS

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 *)

PEER-REVIEWED JOURNAL ARTICLES

1. **Chen, Joyce J.** and Mark M. Pitt. “Sources of Change in the Demand for Energy by Indonesian Households: 1980-2002.” Forthcoming, *Energy Economics*.
2. Braun, Boris, **Joyce J. Chen**, Kathryn Dotzel*, and Craig Jenkins. “Climate Change and Migration in Coastal Bangladesh.” 2016. *Geographische Rundschau*. July/August, 10-15.

PEER-REVIEWED JOURNAL ARTICLES (CONT.)

3. 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.
4. **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.
5. **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.
6. **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.
7. 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.
8. **Chen, Joyce J.** 2011. "Dads, Disease and Death: Determinants of Daughter Discrimination." *Journal of Population Economics*. 25(1), 119-149.
9. 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.

PAPERS IN PROCEEDINGS

1. **Chen, Joyce J.**, Valerie Mueller, Yuanyuan Jia, and Steven Kuo-Hsin Tseng. "Validating Migration Responses to Flooding Using Satellite and Vital Registration Data." Forthcoming. *American Economic Review*.
2. 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.
3. **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.

UNDER REVIEW

1. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. "Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics." In review, *Review of Economic Studies*.
2. Maldonado, Norman* and **Joyce J. Chen**. "Production of Health: Children's Obesity in China." In review, *Health Policy and Planning*.
3. Kondratjeva, Olga* and **Joyce J. Chen**. "Children's Schooling in Nicaragua: What Is the Link Between Educational Achievement and Borrowing?" In review, *Review of Development Economics*.

WORKS IN PROGRESS

1. **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*.
2. **Chen, Joyce J.**, Valerie Mueller, and AKM Saiful Islam. "Migration and Climate Variability: The Bangladesh Delta." In preparation for *Nature Climate Change*.
3. Maldonado, Norman* and **Joyce J. Chen**. "Migration, Strategic Behavior and Children's Human Capital in Mexico." In preparation for *Journal of Development Studies*.
4. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. "Well-Being Among Migrants and Sending Households in Pakistan."
5. **Chen, Joyce J.** and Audrey Light. "Distinguishing Short- and Long-Term Migration Episodes: Evidence from Mexico."
6. 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. 09/2016-08/2018. 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. 06/2014-06/2017. 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. 09/2013-09/2016. 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.

PENDING PROPOSALS

1. Co-I. 09/2016-08/2019. An Integrated Physical and Social Science Framework to Quantify Relative Sea-Level Rise Hazards and Societal Impacts in the Mississippi River Delta Region. Gulf Research Program. PI: C.K. Shum.

INTERNAL FUNDING

1. 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.
2. PI. 06/2016-06/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. Sustainable and Resilient Economy Program. \$25,000.
Design and implement survey for collection of high frequency data on migration via mobile phones.
3. PI. 06/2016-06/2017. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. Initiative in Population Research. \$30,000.
Design and implement survey for collection of high frequency data on migration via mobile phones.
4. 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.
5. 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.
6. PI. 06/2007-06/2009. Migration and Social Networks. Initiative in Population Research. \$5000.
Design survey module on migration history.

AWARDS

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.

TEACHING

The Ohio State University, Agricultural, Environmental and Development Economics
Advanced Development Economics (AEDE 833/7425)
Fall 2012
Spring 2009, 2011, 2014, 2015
International Economic Development (AEDE/IS 535/4535)
Fall 2008, 2009, 2010, 2011
Spring 2007, 2013, 2014, 2015
Principles of Food and Resource Economics - Honors (AEDE 200H)
Winter 2007, 2009
Spring 2011, 2013
Ph.D. Seminar, Development Economics (AEDE 899)
Fall 2007, 2008, 2009, 2010, 2011
Spring 2007

CONFERENCES AND PRESENTATIONS

INVITED (17)

“Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics”
Northern Illinois University (Fall 2016).
International Food Policy Research Institute, October 2015.

“The Interaction Between Migrants and Origin Households: Evidence from Linked Data”
Iowa State University, Economics, November 2013.
Michigan State University, Agricultural, Food and Resource Economics, April 2013.
Initiative in Population Research, January 2012.

“Chinese Immigration to the United States: History, Selectivity and Human Capital”
University of Illinois, Urbana-Champaign, Joint Seminar, Economics and ACES, November 2012.

“Altruism, Cooperation, and Efficiency: Agricultural Production in Polygynous Households”
IUPUI, Economics, September 2012.
International Food Policy Research Institute, July 2012.
University of Wisconsin-Madison, Agricultural and Applied Economics, November 2011.

“Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households”
The Ohio State University, Economics, October 2006.
Washington State University, Economics, February 2006.
Hunter College, Economics, February 2006.
The Ohio State University, Agricultural, Environmental and Development Economics, February 2006.
University of California-Davis, Agricultural and Resource Economics, February 2006.
Federal Deposit Insurance Corporation, February 2006.
Cornerstone Research, San Francisco, CA, January 2006.
Department of Economics, Harvard University, October 2005.

INTERNATIONAL (3)

“Constructing Scenario Analyses for Assessing Flooding Risk in the Bangladesh Delta.”
Deltas in Times of Climate Change II, September 2014. *Presented by Co-Author.*

“BanD-AID: Coastal Bangladesh Vulnerability Due to Sea-Level Rise.”
Deltas in Times of Climate Change II, September 2014. *Presented by Co-Author.*

“Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households.”
World Congress on National Accounts and Economic Performance Measures for Nations, May 2008.

NATIONAL (7)

“Migration and Climate Variability: The Bangladesh Delta.”

American Economic Association Annual Meeting (scheduled January 2017).

“Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics.”

Population Association of America 2015 Annual Meeting, April 2015. *Presented by Co-Author.*

“Let’s Talk About the Money: Spousal Communication, Expenditures and Farm Production.”

American Economic Association Annual Meeting, January 2014.

“The Interaction Between Migrants and Origin Households: Evidence from Linked Data.”

American Economic Association Annual Meeting, January 2013.

Agricultural and Applied Economics Association Meeting, August 2012.

“Productive Efficiency and the Scope for Cooperation in Polygynous Households.”

American Economic Association Annual Meeting, January 2011.

“Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households.”

American Economic Association Annual Meeting, January 2006.

“Dads, Disease and Death: Determinants of Daughter Discrimination.”

Population Association of America Annual Meeting, March 2003.

REGIONAL (8)

“Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics.”

12th Midwest International Economic Development Conference, April 2015.

“Jobs for Economists: A Panel Discussion on the Employee-Employer Match.”

Midwest Economic Association 2012 Annual Meeting, Session sponsored by AEA-CSEWP. *Panelist.*

“Chinese Immigration to the United States: History, Selectivity and Human Capital.”

Northeast Universities Development Consortium Conference, November 2011.

“Altruism, Cooperation, and Efficiency: Agricultural Production in Polygynous Households.”

8th Minnesota International Economic Development Conference, April 2011.

“Productive Efficiency and the Scope for Cooperation in Polygynous Households.”

Northeast Universities Development Consortium Conference, November 2010.

“Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households.”

4th Minnesota International Economic Development Conference, May 2007.

Midwest Economic Association 2007 Annual Meeting, March 2007.

“Dads, Disease and Death: Determinants of Daughter Discrimination.”

Northeast Universities Development Consortium Conference, October 2004.

LOCAL (3)

“Altruism, Cooperation, and Efficiency: Agricultural Production in Polygynous Households.”

Departmental Seminar, The Ohio State University, AEDE, March 2011.

“Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households.”

Department of Economics, University of Washington, October 2006.

“Dads, Disease and Death: Determinants of Daughter Discrimination.”

Department of Economics, Harvard University, February 2004.

PRESENTATIONS BY STUDENTS (2)

Dotzel, Kathryn. “Migration in Coastal Bangladesh: Patterns and Drivers.” Association of American Geographers 2015 Annual Meeting, April 2015.

Kondratjeva, Olga. “Children’s Schooling in Nicaragua: What Is the Link Between Educational Achievement and Borrowing?” Association for Public Policy and Management Fall Conference, November 2014.

SESSION ORGANIZER (3)

- “Migration and Climate Change: Location Choice in Response to Rapid- and Slow-Onset Climate Events.”
American Economic Association Annual Meeting (scheduled January 2017).
- “Causes and Consequences of Split-Household Migration.”
American Economic Association Annual Meeting, January 2013.
- “Cooperation, Reciprocity and Altruism in Developing Countries: The Household, the Village, and Beyond.”
American Economic Association Annual Meeting, sponsored by Agricultural and Applied Economics Association, January 2013.

DISCUSSANT (11)

- 12th Midwest International Economic Development Conference
American Economic Association 2012 Annual Meeting
Northeast Universities Development Consortium Conference 2011
8th Minnesota International Economic Development Conference
Northeast Universities Development Consortium Conference 2010
Midwest Economic Association 2009 Annual Meeting
4th Minnesota International Economic Development Conference
Midwest Economic Association 2007 Annual Meeting
Northeast Universities Development Consortium Conference (2006, 2005 and 2004)

STUDENTS

ADVISOR, ONGOING (2)

- Julio Acuna Garcia (Ph.D., “Causes and Consequences of Migration from Latin America to the US”)
Feng-An Yang (Ph.D., co-advisor, “Three Essays on Access to Health Care in Rural Areas”)

ADVISOR, COMPLETED (8)

- Carolina Castilla (Ph.D., 2011, co-advisor, Colgate University)
Norma Gomez (Ph.D., 2015, co-advisor)
Olga Kondratjeva (M.S., 2014, Ph.D. Candidate, Glenn School)
Hadia Majid (Ph.D., 2012, Lahore University of Management Sciences)
Norman Maldonado-Vargas (Ph.D., 2014, Universidad Sergio Arboleda)
Charity Moore (Ph.D., 2012, Evidence for Policy Design, Kennedy School of Government)
Brent Richards (Ph.D., 2013, University of North Texas)
Brian Zimmerman (M.S., 2011, World Relief)

COMMITTEE MEMBER (25)

- Jose-Pablo Barquero-Romero (Ph.D., 2009)
Ganita Bhupal (Ph.D., 2013)
Muhammad Chaudhry (Ph.D., 2016)
Privata Chiwindo (M.S., 2016)
LaPorchia Collins (Ph.D., 2016)
Paula Cordero-Salas (Ph.D., 2011)
Nicholas Dadzie (Ph.D., 2013)
Gracious Diiro (Ph.D., 2013)
Kathryn Dotzel (Ph.D., anticipated 2017)
Ayesha Enver (Ph.D., 2009)
Katie Farrin (Ph.D., 2013)
Sarah Guo (M.S., 2014)
Emilio Hernandez (Ph.D., 2009)
Yue Hua (Ph.D., 2014)

COMMITTEE MEMBER (CONT.)

Rosemary Isoto (Ph.D., 2015)
Victor Iturra Rivera (Ph.D., anticipated 2017)
Benjamin Jara (Ph.D., 2016)
Yuanjing Jin (M.S., 2008)
Olga Kondratjeva (Ph.D., anticipated 2018, Glenn School)
Wangyang Lai (Ph.D., anticipated 2017)
Shibalee Majumdar (Ph.D., 2010)
Will McGuire (M.S., 2007)
Victoria Nkuba (M.S., 2016)
Dhiraj Sharma (Ph.D., 2011)
Malena Svarch (Ph.D., 2011)

UNDERGRADUATE HONORS THESES (3)

Guillermo Bervejillo (2012, Ph.D. candidate, Geography, The Ohio State University)
Rhea Malhotra (anticipated 2017)
Mason Pierce (2012, Ph.D. candidate, Economics, West Virginia University)

CURRENT UNDERGRADUATE ADVISEES (21)

SERVICE

DEPARTMENT

Sustainable Development Search Committee, 2015-2016
Development Economics Search Committee, 2014-2015
Search Committee, Department of Economics, Junior Development Hire, 2012
Graduate Education Committee, 2007-2011
Seminar Committee, 2007-present
Second Year Research Competency Requirement Committee, 2009-2011
Ph.D. Field Writing Group for Development Economics, 2007-2009
Faculty Council, 2009

COLLEGE

Mentor, Summer Research Opportunities Program (SROP), 2010-2011
Participant, Focus Group on International Programs, 2007

UNIVERSITY

Graduate Studies Committee, Interdisciplinary Specialization in Demography, 2014-present
Faculty Advisor, Empower Campaign, Ohio State Chapter, 2008-present
Planning Committee for OSU's 2011 Conference on Immigration, 2010-2011

PROFESSION

Topic Leader, Household and Labor Economics, AAEA Annual Meeting, 2015-present
Topic Leader, International Development, AAEA & NAREA Joint Annual Meeting, 2009-2011
Reviewer, Midwest International Economic Development Conference, 2013
Referee: Quarterly Journal of Economics, Review of Economics and Statistics, Review of Economic Studies, Economic Journal, Journal of Development Economics, Economic Development and Cultural Change, American Journal of Agricultural Economics, Economics of Transition, B.E. Journal of Economic Analysis and Policy, World Development, Journal of Development Studies, Review of Economics of the Household, World Bank Economic Review, Journal of Public Economics, China Economic Review