

## KURT B. WALDMAN

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### CURRENT POSITION

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**Research Fellow**, Ostrom Workshop in Political Theory and Policy Analysis  
Indiana University, Sept. 2015- present.

### EDUCATION

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**Ph.D. Food and Agricultural Policy, Michigan State University, 2014**

*Dissertation*: Understanding how people evaluate tradeoffs related to food and the environment. Chair: John Kerr

**M.S. Applied Economics, Cornell University, 2009**

*Thesis*: Ex-ante impact evaluation of livestock interventions in crop-livestock systems in Northern Afghanistan. Chair: Chris Barrett

**B.A. History, Earlham College, 2000**

Minor: German

### PUBLICATIONS

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**Waldman, K. B.**, Ortega, D. L., Richardson, R.B., and Snapp, S.S. (2017).

Estimating demand for perennial pigeon pea in Malawi using choice experiments. *Ecological Economics*, 131, 222–230.

**Waldman, K. B.**, Ortega, D. L., Richardson, R.B., Clay, D.C., and Snapp, S.S. (2016)

Preferences for legume attributes in maize-legume cropping systems in Malawi. *Food Security*, 8(6), 1087–1099.

Ortega, D. L., **Waldman, K. B.**, Richardson, R. B and Snapp, S. S. (2016). Sustainable

Intensification and Farmer Preferences for Crop System Attributes: Evidence from Malawi's Central and Southern Regions. *World Development*, 87, 139-151.

Isaacs, K. B., Snapp, S. S., Chung, K. and **Waldman, K. B.** (2016). The value of

integrating farmer and researcher knowledge: Developing resilient bean and maize cropping systems in Rwanda. *Food Security*, 8:491-506.

**Waldman, K. B.** and Kerr, J. M. (2015). Is Food and Drug Administration policy governing artisan cheese consistent with consumers' preferences? *Food Policy*, 55, 71–80.

**Waldman, K. B.**, Kerr, J. M. and Isaacs, K. B. (2014). Combining participatory crop trials and experimental auctions to estimate farmer preferences for improved common bean in Rwanda, *Food Policy*, 46, 183 - 192.

**Waldman, K. B.** and Kerr, J. M. (2014). Limitations of certification and supply chain standards for environmental protection in commodity crop production. *Annual Review of Resource Economics*, 6(1).

**Waldman, K. B.**, Conner, D. S., Biernbaum, J. A., Hamm, M. W. and Montri, A. D. (2012). Determinants of hoophouse profitability. *HortTechnology*, 22(2), 215 - 223.

Conner, D. S., Montri, A. D., **Waldman, K. B.**, Hamm, M. W. and Biernbaum, J. A. (2011). Hoophouse contributions to farm profitability and food system sustainability: Lessons from Michigan. *Journal of Extension*, Vol. 49(1).

Conner, D. S., **Waldman, K. B.**, Montri, A. D., Hamm, M. W. and Biernbaum, J. A. (2010). Hoophouse contributions to economic viability. *HortTechnology*, 20(5), 877-884.

#### **ARTICLES UNDER REVIEW**

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**Waldman, K.B.**, Blekking, J.P., Attari, S.Z., Evans, T.P. Perceptions of climate variability and seed choice among smallholder farmers. *Global Environmental Change* (Submitted).

McCord, P.M., **Waldman, K.B.**, Baldwin, E., Dell'Angelo, J., and Evans, T.P. Smallholder adaptation and irrigation water availability: Understanding livelihood strategies within the water-scarce Mount Kenya region. *World Development* (Revise and Resubmit).

**Waldman, K. B.** and Richardson, R.B. Crop duration and smallholder climate change adaptation in Mali. *Environment and Development Economics* (Submitted).

Grabowski, P., Schmitt-Olabisi, L.K., Adebisi, J., **Waldman, K.B.**, Richardson, R.B. and Snapp, S. S. Assessing the Potential for Agricultural Technology Adoption using System Dynamics and Choice Experiments. *Agricultural Systems* (Submitted).

Richardson, R.B., Schmitt-Olabisi, L.K., **Waldman, K.B.**, Sakana, N., and Grabowski, P. Modeling the impact of sustainable intensification on landscapes and livelihoods. *Agriculture, Ecosystems and Environment* (Submitted).

**Waldman, K. B.** and Kerr, J. M. The effect of safety information on consumer willingness to pay for pasteurized cheese. *Food Quality and Preference* (Revise and resubmit).

## PAPERS IN PROGRESS

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**Waldman, K.B.**, Vergopolan, N., Evans, T.P., Attari, S.Z., and Sheffield, J. Matching farmers' perceptions of climate change with historical climate data.

**Waldman, K.B.** and Evans, T.P. Food storage decision-making and temporal lags in food security.

Evans, T.P., Caylor, K., Estes, L., Plale, B., Attari, S.Z., and **Waldman, K.B.** Rapid monitoring of drought impacts on small-scale farms in Africa through integration of farmer SMS data and environmental sensors.

Evans, T.P., Estes, L., Caylor, K., McCord, P., Gower, D., Konar, M., Baylis, K., **Waldman, K.B.**, Blekking, J.P., and Schlachter, T. Harmonizing Social and Environmental Dynamics in Earth Systems Modeling.

## BOOK CHAPTERS

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Richardson, R. B., Schmitt Olabisi, L.K., **Waldman, K. B.**, and Sakana, N. (2016). Using participatory system dynamics modeling of agricultural-environmental systems in a developing country context. In: *Innovations in Collaborative Modeling*, M. McNall, ed. Forthcoming, Michigan State University Press.

## RESEARCH GRANTS

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Pre-doctoral Fellowship, National Institute of Food and Agriculture, **United States Department of Agriculture**, 2012-4 (\$75,000)

Doctoral Dissertation Improvement Grant, Decision Risk and Management Sciences, **National Science Foundation**, 2011-2 (\$7,000)

Social Science Research Grant, **Michigan Department of Agriculture**, "Institutional Support for Artisanal Cheese Production in Michigan," 2009-10 (\$50,000)

International Research Travel Grant, **Mario Einaudi Center for International Studies**, 2008 (\$2,000)

Research Grant, **Cornell Institute for International Food and Agriculture Development**, Cornell University, 2008 (\$8,000)

## AWARDS

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Axinn International Development Scholarship, Michigan State University, 2013

Research Enhancement Award, Michigan State University, 2010

Barlowe Scholarship in Institutional Economics, Michigan State University, 2010

## PAST EMPLOYMENT

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**Postdoctoral Researcher**, Michigan State University, June 2014 – Aug. 2015

**Research Assistant**, Center for Regional Food Systems, Michigan State University,  
Aug. 2009 - Dec. 2010

**Assistant Cheese Maker**, Berner Oberland, Switzerland, May - Aug. 2009

**Consultant**, World Bank, Agricultural development impact evaluation, Oct. - Dec. 2009

**Research Assistant**, Cornell University/McKnight Foundation, Aug. 2007 - Dec. 2008

**Consultant**, Catholic Relief Services, Herat, Afghanistan, June - July 2007

**Research Assistant**, Catholic Relief Services, Baltimore, MD, Sep. 2004 - Oct. 2005

**Agricultural Extension Agent**, U.S. Peace Corps, Philippines, Jan. 2002 - June 2004

## TEACHING

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### Courses Taken

Teaching Socio-Environmental Synthesis with a Case Study Approach, *Socio-environmental Synthesis Center (SESYNC)*, Annapolis, MD. July 2016

### Guest Lecturer

Human Dimensions of Global Change, *Indiana University*, Fall 2016

Environment and People, *Indiana University*, Fall 2016

International Agricultural Systems, *Michigan State University*, Spring 2015

International Short Course in Water Management, *Michigan State University*, Fall 2014

Community, Food, and Agricultural Systems, *Michigan State University*, Fall 2014

Environmental and Resource Economics, *Michigan State University*, Spring 2013

Qualitative Research Methods, *Michigan State University*, Spring 2013

### Teaching Assistant

Perspectives in International Development, *Cornell University*, Fall 2006

International Agriculture and Rural Development, *Cornell University*, Spring, 2006

## **PRESENTATIONS**

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“The impact of farmers’ perceptions of rainfall uncertainty on hybrid maize seed choice”, American Association of Geographers (AAG) Annual Meeting, San Francisco, Apr. 2016. *Oral presentation.*

“Farmers’ perceptions of climate events on seed choice”, Ostrom Workshop for Political Theory Research Series, Indiana University, Apr. 2016. *Oral presentation.*

“Consumers’ decisions about tradeoffs between food safety and sensory quality.” Applied and Agricultural Economics Association Annual Meeting, Minneapolis, Minnesota, July 2014. *Oral presentation.*

“Combining participatory crop trials and experimental auctions.” Symposium on Economic Experiments in Developing Countries (SEEDEC), Norwegian School of Economics, Bergen, Norway, Dec. 2013. *Poster presentation.*

“Combining participatory agronomic trials and experimental auctions to estimate farmers’ preferences for improved beans in Rwanda.” Interdisciplinary Ph.D. Workshop in Sustainable Development, Columbia University, New York City, NY, Apr. 2012. *Oral presentation.*

“Rwanda farmer demand for attributes of improved bean varieties.” Community Sustainability Symposium, Michigan State University, East Lansing, MI, Mar. 2011. *Oral presentation.*

“Ex-ante impact assessment of livestock interventions in crop-livestock systems in Northern Afghanistan.” American Agricultural Economics Association Annual Meeting, Orlando, Florida, Aug. 2009. *Oral presentation.*

## **PROFESSIONAL SERVICE ACTIVITIES**

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Referee for *Food Policy*, *Land Use Policy*, *International Food Policy Research Institute Working Paper Series*. Member of Applied and Agricultural Economics Association, 2009-present, American Association of Geographers 2015-present.

## **OTHER RELEVANT SKILLS**

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Language: Proficient in Ifugao (a Philippine language); intermediate in German, basic conversation in Farsi, French, and Spanish.

Computer: MS Office, Stata, NLOGIT, and SAS