

# Nicholas Magnan

January 2023

315 C Conner Hall  
University of Georgia  
Athens, GA 30602 USA

706-542-0731  
nmagnan@uga.edu  
<https://sites.google.com/site/nickmagnan/>

## Current positions

Professor, Agricultural and Applied Economics, University of Georgia 2022-  
Associate Editor, *American Journal of Agricultural Economics* 2020-

## Previous positions

Associate Professor, Agricultural and Applied Economics, UGA 2017-2022  
Assistant Professor, Agricultural and Applied Economics, UGA 2012-2017  
Research Fellow, International Food Policy Research Institute 2011-2012  
Postdoctoral Fellow, International Food Policy Research Institute 2010-2011

## Education

Ph.D., Agricultural and Resource Economics, University of California, Davis 2010  
M.S., Agricultural and Resource Economics, Colorado State University 2005  
B.S., Biology, University of Wisconsin, Madison 2002

## Teaching

Intermediate microeconomics, undergraduate, UGA 2021-  
Behavioral economics workshop, graduate, U Bordeaux 2020  
Foreign aid and the fight against global poverty, 2016-  
    First year undergraduate seminar, UGA  
Field experiments in development economics, 2016  
    Graduate summer workshop, Université Catholique Louvain  
Survey design and experimental economics, Graduate, UGA 2016-  
International development economics, Graduate, UGA 2014-  
International development economics, Undergraduate, UGA 2014-  
Natural resource economics, Graduate, UGA 2013  
Natural resource economics, Undergraduate, UGA 2012-2013  
Applied econometrics lab, Graduate, UC-Davis 2010

## Journal articles

**\*denotes UGA graduate student, \*\*denotes UGA undergraduate student, (R) indicates certified randomized author ordering**

Kiersten Ekstrom, Sarah Janzen, and Nicholas Magnan. “Coping with COVID-19 Shocks in Rural Nepal.” Accepted, *Applied Economics Perspectives and Policy*.

Soye Shin\* (R) Nicholas Magnan (R) Conner Mullally (R) Sarah Janzen (2022). “Demand for Weather Index Insurance among Smallholder Farmers under Prospect Theory”. *Journal of Economic Behavior and Organization* 202: 82-104.

Nicholas Magnan, Vivian Hoffmann, Nelson Opoku, Gissele Gajate Garrido, and Daniel Akwasi Kanyam\* (2021). “Information, Technology, and Market Rewards: Incentivizing Aflatoxin Control

in Ghana”. *Journal of Development Economics* 151: 102620.

Sarah Janzen, Nicholas Magnan, Conner Mullally, I. Bailey Balmer\*\*, Soye Shin\*, Judith Odoul, and Karl Hughes (2021). “Can Experiential Games and Improved Risk Coverage Raise Demand for Index Insurance? Evidence from Kenya.” *American Journal of Agricultural Economics* 103(1): 338-361.

Benjamin Schwab, Sarah A. Janzen, Nicholas Magnan, and William M. Thompson\* (2020). “swindex: Constructing a summary index using the standardized inverse covariance weighted average of indicators.” *Stata Journal* 20(4): 952-964.

Nicholas Magnan, Abby Love\*, Fulgence Mishili, and Ganna Sheremenko\* (2020). “Husbands’ and Wives’ Risk Preferences and the Adoption of Improved Maize Varieties in Tanzania.” *Agricultural Economics* 51(5): 743-758.

Ruth Vargas Hill, Francesca de Nicola, Neha Kumar, Nicholas Magnan, Simrin Makhija, David J. Spielman, and Patrick S. Ward (2019). “Ex ante and Ex post effects of hybrid index insurance in Bangladesh” *Journal of Development Economics* 136: 1-17.

Sarah A. Janzen, Nicholas Magnan, Sudhindra Sharma, and William M. Thompson\* (2018). “Short-term Impacts of a Pay-it-Forward Livestock Transfer and Training Program in Rural Nepal.” *American Economic Association Papers and Proceedings* 108: 422-425.

Travis J. Lybbert, Nicholas Magnan, David Spielman, Anil Bhargava, and Kajal 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): 264-306.

Sarah A. Janzen, Nicholas Magnan, Sudhindra Sharma, and William M. Thompson\* (2017). “Aspirations Failure and Formation in Rural Nepal.” *Journal of Economic Behavior and Organization* 139: 1-25.

William M. Thompson\* and Nicholas Magnan. “Predicting Success in a Productive Asset Transfer Program: A Goat Program in Haiti (2017).” *Applied Economics Perspectives and Policy* 39(2): 363-385.

Travis J. Lybbert, Nicholas Magnan, and W. Douglas Gubler (2016). “Multi-Dimensional Response to Risk Information: How do Winegrape Growers Respond to Disease Forecasts and to what Environmental Effect?” *American Journal of Agricultural Economics* 98(2): 383-405.

Brown, Joanna\*, Gregory J. Colson, Claire de La Serre, and Nicholas Magnan (2016). “Summer Garden Programs Alter Youths’ Food Preferences: Evidence Using Stated and Revealed Preference Measures.” *HortTechnology* 26(2): 133-140.

Nicholas Magnan, David J. Spielman, Travis J. Lybbert, and Kajal Gulati (2015). “Leveling with Friends: Social Networks and Indian Farmers’ Demand for a Technology with Heterogeneous Benefits.” *Journal of Development Economics* 116: 223-251.

Virginia Allison\*, Jeffrey H. Dorfman, and Nicholas Magnan (2015). “Planning your Way to Job Growth.” *Planning Practice and Research* 30(5): 514-527.

Nicholas Magnan (2015). “Property Rights Enforcement and No-till Adoption in Cereal Livestock Systems.” *Agricultural Systems* 134: 76-83.

Siwa Msangi, Dolapo Enharo, Marrio Herrero, Nicholas Magnan, Petr Havlik, An Notenbaert, and Signe Nelgen (2014). “Integrating Livestock Feeds and Production Systems into Agricultural Multi-Market Models: The Example of IMPACT” *Food Policy* 49(2): 365-377.

Travis J. Lybbert, Nicholas Magnan, Anil Bhargava, Kajal Gulati, and David J. Spielman (2013). “Farmers’ Heterogeneous Valuation of Laser Land Leveling in Eastern Uttar Pradesh: An Experimental Auction to Inform Market Segmentation Strategies.” *American Journal of Agricultural Economics*

95(2): 339-345 (proceedings issue).

Nicholas Magnan, Douglas M. Larson, and J. Edward Taylor (2012). “Stuck on Stubble? The Non-market Value of Agricultural Byproducts for Diversified Farmers in Morocco.” *American Journal of Agricultural Economics* 94 (5): 1055-1069.

Nicholas Magnan, Andrew F. Seidl, and John B. Loomis (2012). “Is Resident Valuation of Ranch Open Space Robust in a Growing Rural Community? Evidence from the Rocky Mountains” *Society and Natural Resources* 25 (9): 852-867.

Nicholas Magnan, Travis J. Lybbert, Rachid Mrabet, and Aziz Fadlaoui (2011). “The Quasi-option Value of Delayed Input Use under Catastrophic Drought Risk: The Case of No-Till in Morocco” *American Journal of Agricultural Economics* 93(2): 498-504 (proceedings issue).

Travis J. Lybbert, Abdellah Aboudrare, Deborah Chaloud, Nicholas Magnan, and Maliha S. Nash (2011). “Booming Markets for Moroccan Argan Oil Appear to Benefit Some Rural Households while Threatening the Endemic Argan Forest.” *Proceedings of the National Academy of Sciences of the United States of America* 108 (34): 13963-13968.

Julian A. Lampietti, Sean Michaels, Nicholas Magnan, Alex F. McCalla, Maurice Saade, and Nadim Khourem (2011). “A Strategic Framework for Improving Food Security in Arab Countries” *Food Security* 3 (S1): 7-22.

Nicholas Magnan, Travis J. Lybbert, Alex F. McCalla, and Julian A. Lampietti (2011). “Modeling the Limitations and Implicit Costs of Cereal Self-Sufficiency with Limited Data: The Case of Morocco.” *Food Security* 3 (S1): 49-60.

Marc Sadler and Nicholas Magnan (2011). “Grain Important Dependency in the Middle East and North Africa: Risk Management Options.” *Food Security* 3 (S1): 77-89.

Travis J. Lybbert, Nicholas Magnan, and Abdellah Aboudrare (2010). “Household and Argan Forest Impacts of Morocco’s Argan Oil Bonanza.” *Environment and Development Economics* 15: 439-464.

Jean-Philippe Pages, Gilles Pache, Didier Joud, Nicholas Magnan, and Richard Michalet. (2003). “Direct and Indirect Effect of Shade on Four Forest Tree Seedlings in the French Alps.” *Ecology* 84 (10): 2741-2750.

## Working papers

“Pay it forward: Impacts of a Rural Livelihoods Program with Built-in Spillovers” (with Sarah Janzen, Sudhindra Sharma, and William Thompson\*). Submitted.

“Challenges to Establishing Premium Groundnut Value Chains: Lessons from an (Attempted) Field Experiment in Ghana” (with Sean Posey\*, Vivian Hoffmann, Ellen McCullough, Nelson Opoku, and Abdul-Hafiz Timtooni). Submitted.

“A Spatial Dependent Approach to Assessing the Impacts of Sustainable Forestry Initiative’s Fiber Sourcing Certification on the Forestry Best Management Practices in Georgia, United States” (with Puneet Diwedi and Parag Kadam\*). Submitted.

“Information Networks among Women and Men and the Demand for an Agricultural Technology in India” (with Kajal Gulati, David Spielman, and Travis Lybbert). Previous version available as IFPRI Discussion Paper No. 1411.

“Can Mobile Technology Improve Female Entrepreneurship? Evidence from Nepal” (with Conner Mullally, Sarah Janzen, Shruti Sharma\*, and Bhola Shrestha).

## **Selected projects and works in progress**

“Stifled by Stigma? Experimental Effects of Updating Husbands’ Beliefs of Participation in Women’s Household Work” (with Thomas Woldu Assefa\*, Ellen McCullough, and Tamara McGavock).

“Do Spouses Share Information? Exploring Intra-Household Information Sharing and Learning Using a Lab in the Field” (with Sean Posey\* and Ellen McCullough).

“Building Consumer Awareness and Processor Capacity for Food Safety in Ghana’s Informal Groundnut Product Value Chain” (with Vivian Hoffmann, Nelson Opoku, and Sean Posey\*).

## **Conference presentations and invited seminars (\*scheduled)**

2023: Allied Social Science Association Annual Meeting (New Orleans), Virginia Tech Ag Econ\*, Federal Communications Commission (webinar)\*

2022: American Applied Economics Association (Anaheim), Texas A&M Ag Econ

2021: American Applied Economics Association (Austin), UGA Food Science

2020: Center for International Environmental Studies (Geneva, webinar), University of Bordeaux (webinar)

2019: Arizona State Agribusiness, Symposium on Economic Experiments in Developing Countries (UC-Berkeley), DIAL Development Conference (University of Paris-Dauphine), Northeastern Universities Development Consortium (Northwestern), Heifer International (Little Rock, AK)

2018: Allied Social Science Association Annual Meeting (Philadelphia), Montana State Ag Econ/Econ, Pacific Development Conference (UC-Davis), Georgia Tech Econ, IDEA-GREThA Conference (U Bordeaux), International Centre for Evaluation and Development Evidence to Action Conference (Nairobi), Kansas State Ag Econ

2017: Midwest International Economic Development Conference (U Wisconsin)

2016: Colorado State Ag Econ, Oklahoma State Econ, Minnesota Applied Econ, UGA Foods and Nutrition, American Applied Economics Association (Boston), Heifer International (Little Rock, AK), USAID AMA BASIS Annual Meetings (George Washington U)

2015: USAID PMIL Annual Meetings (Cap Haitian, Haiti), Southeastern International/Development Economics Workshop (Atlanta)

2014: Advancing Georgia’s Leaders in Agriculture and Forestry (UGA), Kentucky Ag Econ, Midwest International Economic Development Conference (U Minnesota), American Applied Economics Association (Minneapolis), Michigan State Ag Econ

2013: Gender and Assets in Agriculture Project Workshop (Addis Ababa), Pacific Development Conference (SF State U), NC State Ag Econ, Midwest International Economic Development Conference (U Wisconsin), Wageningen Econ (Netherlands), American Applied Economics Association x 2 (DC), Northeastern Universities Development Consortium (Harvard)

2012: University of Georgia Ag Econ, Jawaharlal Nehru University (Delhi), International Food Policy Research Institute (Delhi), Midwest International Economic Development Conference (U Minnesota), United States Agency for International Development Ag Council (DC), BRAC (Dhaka), Triennial International Conference for Agricultural Economists x 2 (Foz de Iguaçu, Brazil)

2011: Colorado State Ag Econ, International Livestock Research Institute (Nairobi), Michigan State Ag Econ (webinar), Southern Economics Association Annual Meetings (DC)

2010: UC-Davis Ag Econ, UC-Davis Transportation, International Food Policy Research Institute (DC), Pacific Development Conference (U Southern Cal), World Bank Economists’ Forum (DC),

American Association of Wine Economists Conference (UC-Davis), American Applied Economics Association x 2 (Denver)

2009: Pacific Development Conference (SF State U), International Union for the Conservation of Nature (Geneva), Occasional California Workshop on Environmental Economics (UC-Santa Barbara), California Environmental Protection Agency

2008: Canadian Ag Econ Society/Northeastern Ag and Applied Econ Association (Quebec)

### **Research grants and contracts**

“Economic Impact of Nature Based Solutions in Agriculture”

2022: World Bank (co-PI, \$100,000)

“Reducing Anti-Microbial Use in the Kenyan Poultry Sector”

2022: CGIAR contract (amount TBD)

“Connecting Male and Female Smallholder Farmers to Premium Groundnut Markets and Aflatoxin-mitigating Technologies through Innovative Aggregator Contracts”

2019: USAID Innovation Lab for Peanut (PI, \$600,592)

“Digital Credit and Insurance for Agriculture”

2018: International Initiative for Impact Evaluation (co-PI, \$429,875)

2017: Digital Credit Observatory, Center for Effective Global Action (co-PI, \$60,000)

“Designing and Evaluating Interventions for Development of Smallholder Female Livestock Cooperatives in Nepal”

2016: USAID Livestock Systems Innovation Lab (co-PI, \$1,237,038)

“Increasing Demand for Weather-Based Index Insurance in Kenya by Lowering Basis Risk and Improving Farmer Understanding through Experiential Learning”

2016: International Initiative for Impact Evaluation (co-PI, \$74,990)

“Evaluation of the Welfare Impacts of a Livestock Transfer Program in Nepal”

2015: Cereal Systems Initiative for South Asia IFPRI contract (co-PI, \$53,000)

2015: Gender and Assets in Agriculture Program (GAAP) 2 (co-PI, \$99,967)

2014: USAID BASIS Assets and Markets Innovation Lab (PI, \$923,878)

2014: CGIAR Poverty, Institutions, and Markets contract (co-PI, \$15,000)

“Technology and market interventions to decrease groundnut mycotoxin risk in Ghana”

2015: Global Alliance for Improved Nutrition contract (Co-PI, \$201,292)

2015: USAID Scaling Innovation through Video grant (PI, \$97,070)

2014: UGA College of Ag and Environmental Sciences Faculty Summer Research Grant (\$5,000)

2013: USAID Peanut and Mycotoxin Innovation Lab (PI, \$300,000)

“Gendered time and risk preferences and maize and legume technology adoption in Southern and Eastern Africa”

2013: Policies, Institutions, and Markets Research Program, CGIAR (co-PI, \$141,843)

“Using stated and revealed preference measures to assess the impact of community-based garden programs on youth nutrition and health behavior”

2013: Faculty Research Grant, UGA (co-PI, \$9,978)

“Identifying socioeconomic constraints to and incentives for faster technology adoption: Pathways to sustainable intensification in Eastern and Southern Africa”

2012: IFPRI contract (\$51,000)

“Cereal systems initiative for South Asia”

2012: IFPRI contract (\$20,000)

“A randomized experiment on social learning and conservation agriculture adoption in India” (PI)  
2010: IFPRI Strategic Innovation Fund Postdoctoral Grant, IFPRI (PI, \$50,000)

### **Consulting**

Fintrac (2017-)

World Bank Agriculture and Rural Development Department, Middle East and North Africa (2008-2010)

### **Professional service**

Referee/reviewer for Agricultural and Applied Economics Association Annual Meetings, *Agricultural Economics*, *Agricultural and Resource Economics Review*, *Agricultural Systems*, *Agriculture and Human Values*, *American Journal of Agricultural Economics*, *Applied Economics Perspectives and Policy*, *Canadian Journal of Agricultural Economics*, CGIAR Standing Panel on Impact Assessment, *China Economic Review*, *COVID Rapid Reviews*, *Ecological Economics*, *Environment and Development Economics*, *Food Policy*, *Food Security*, *HortTechnology*, *Journal of African Economies*, *Journal of Agribusiness*, *Journal of the Agricultural and Applied Economics Association*, *Journal of Agricultural Economics*, *Journal of Agricultural and Resource Economics*, *Journal of Development Economics*, *Journal of Economic Behavior and Organization*, *Journal of Economic Inequality*, *Land Use Policy*, *Nature Human Behavior*, *Proceedings of the National Academy of Sciences*, *Regional Environmental Change*, *Review of Economics of the Household*, *Review of Environmental Economics and Policy*, *Social Science Research*, Swiss National Science Foundation, Triennial International Conference for Agricultural Economists, USAID Markets, Risk, and Resilience Innovation Lab, USDA-AFRI, *Water Resources and Economics*, World Bank Africa Gender Innovation Lab, World Bank DIME i2i, *World Development*

2023-, Graduate Committee, UGA Ag Econ

2022-2023 AAEA Topic Leader for International Development: Households, Technology and Environment

2022-, Chair, UGA Ag Econ Webpage Steering Committee

2022-, UGA Ag Econ Ph.D. Microeconomic Theory Qualifying Exam Committee

2017-2019, 2021- UGA University Council

2017-2019 College of Agriculture and Environmental Sciences Council

2017-2018 Co-coordinator, UGA Ag Econ Department Seminar

2016-2017 Topic Leader (Behavioral Economics), Agricultural and Applied Economics Association

2014-2016 UGA CAES Web Communications Committee

2013-2015 UGA CAES Undergraduate Affairs Committee

2011-2012 Co-coordinator, IFPRI Postdoc-to-Postdoc Working Group

2006-2007 Co-coordinator, UC-Davis Development Workshop

### **Languages**

English (native), French (fluent), Portuguese (intermediate, very rusty), Spanish (intermediate, very rusty)