

# Jacob Ricker-Gilbert, PhD

(June 30, 2020)

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## PROFESSIONAL APPOINTMENTS

2016-present: Associate Professor of Agricultural Economics, Purdue University  
2011-2016: Assistant Professor of Agricultural Economics, Purdue University  
2007-2011: Graduate Research Assistant, Michigan State University  
2005-2007: Agricultural Economist, Economic Research Service of the USDA  
2003-2005: Graduate Research Assistant, Virginia Tech

## EDUCATION

Ph.D. in Agricultural Food & Resource Economics, Michigan State University (2011)  
M.S. in Agricultural & Applied Economics, Virginia Tech (2005)  
B.S. in Community Development & Applied Economics, University of Vermont (2002)

## AWARDS & HONORS

- Awarded University Faculty Scholar at Purdue University, from 2020-2025.
- Bravo Award winner at Purdue for “moving the university forward” in 2018.
- Member of a team that won the 2017 Bruce Gardner Memorial Prize for Applied Economic Policy Analysis at the Agricultural and Applied Economics Association (AAEA).
- Member of a team that won the 2016 Dean’s Team Award in the College of Agriculture at Purdue for work on the Purdue Improved Crop Storage (PICS) project.
- Member of a team that won the 2015 Purdue University Core Engagement (Extension) Award for work on the Purdue Improved Crop Storage (PICS) project.
- A Best Contributed Paper Award (with Jordan Chamberlin) at the Inaugural Research Symposium of the Economics Association of Malawi, 2014.
- Best Contributed Paper Award at the Triennial Meeting of the African Association of Agricultural Economists (Runner-up), 2010.
- T.W. Schultz Award, given for the best contributed paper at the Triennial Meeting of the International Association of Agricultural Economists, 2009.
- *Awarded Outstanding Senior*, concentrating in International Development & Applied Economics at the University of Vermont, 2002.

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**PEER-REVIEWED PUBLICATIONS (32);** \* denotes that co-author is current or former graduate student

- (32) Prieto, S.\*, **J. Ricker-Gilbert**, J. Bauchet, and M. Sall. 2021. "Incomplete information and product quality in rural markets: Evidence from an experimental auction for maize in Senegal." (Forthcoming) *Economic Development and Cultural Change*.
- (31) Prieto, S.\*, J. Bauchet, and **J. Ricker-Gilbert**. 2020. "Improved drying and storage practices that reduce aflatoxins in stored maize: Experimental evidence from smallholders in Senegal." (Forthcoming) *American Journal of Agricultural Economics*.
- (30) Kadjo, D.\*, **J. Ricker-Gilbert**, J. Shively, and T. Abdoulaye. 2020. "Food Safety and Adverse Selection in Rural Maize Markets." *Journal of Agricultural Economics* 71 (2):412-438.
- (29) **Ricker-Gilbert, J.**, J. Chamberlin, J. Kanyamuka\*, C.B. Jumbe, R. Lunduka and S. Kaiyatsa\*. 2019. "How do Informal Farmland Rental Markets Affect Smallholders' Well-being? Evidence from a Matched Tenant-Landlord Survey in Malawi." *Agricultural Economics* 50(5):595-613.
- (Nominated for best paper in *Agricultural Economics* in 2019).
- (28) Channa, H.\*, A. Chen, P. Pineda, **J. Ricker-Gilbert** and D. Stein. 2019. "What drives smallholder farmers' willingness to pay for a new farm storage technology? Evidence from an Experimental Auction in Kenya." *Food Policy* 85:64-71
- (27) Omotilewa, O.\*, **J. Ricker-Gilbert**, and J.H. Ainembambazi. 2019. "Subsidies for agricultural technology adoption: Evidence from randomized experiment in Uganda." *American Journal of Agricultural Economics* 101(3): 753–772.
- (26) Kaiyatsa, S.\*, **J. Ricker-Gilbert** and C. Jumbe, and. 2019. "Supply-Side Crowding-out and Crowding-in effects of private sector participation in Farm Input Subsidies: A quasi-experimental field study for Malawi." *Journal of Agricultural Economics* 70(2):332-352.
- (Nominated for the *European Association of Agricultural Economics Policy Contribution Award* in 2019).
- (25) **Ricker-Gilbert, J.**, and J. Chamberlin. 2018 "Transactions Costs in Land Rental Markets and Their Impact on Youth Access to Agriculture in Tanzania." *Land Economics* 94(4):541-555.

- (24) Omotilewa, O.\*, **J. Ricker-Gilbert**, J.H. Ainembambazi, and G. Shively. 2018. "Does improved storage technology promote modern input use and food security? Evidence from a randomized trial in Uganda." *Journal of Development Economics* 135:176-198.
- (23) Kadjo, D.\*, **J. Ricker-Gilbert**, T. Abdoulaye, G. Shively, and N. Baco. 2018. "Storage Decisions in Smallholder Rural Households Under Liquidity and Technology Constraints." *Agricultural Economics* 49(4):435-454.
- (22) Darko, F.A.\*, A. Palacios-Lopez, T. Kilic, and **J. Ricker-Gilbert**. 2018. "Micro-level Welfare Impacts of Agricultural Productivity: Evidence from Rural Malawi." *Journal of Development Studies* 5:915-932.
- (21) Sesmero, J.P., **J. Ricker-Gilbert**, and A. Cook\*. 2018. "How Do African Farm Households Respond to Changes in Past and Current Weather Patterns? A Structural Panel Data Analysis from Malawi." *American Journal of Agricultural Economics* 100(1):115-144.
- (20) **Ricker-Gilbert, J.**, and T.S. Jayne. 2017. "Estimating the Enduring Effects of Fertilizer Subsidies on Commercial Fertilizer Demand and Maize Production: Panel Data Evidence from Malawi." *Journal of Agricultural Economics* 68(1):70-97.
- (19) Wossen, T., T. Abdoulaye, A. Arega, F. Shiferaw, **J. Ricker-Gilbert**, V. Manyong, and B.A. Awotide, 2017. "Productivity and Welfare Effects of Nigeria's e-Voucher Based Input Subsidy Program." *World Development* 97:251-265.
- (18) Byrd, E.\*, N.J.O Widmar, and **J. Ricker-Gilbert**. 2017. "The Effects of Attribute Non-Attendance, Simple Validation Questions, and Their Interactions on Willingness to Pay Estimates for Meat Choice Experiments" *Cogent Food & Agriculture* 3: 1331949
- (17) Chamberlin, J, and **J. Ricker-Gilbert**. 2016. "Participation in Rural Land Rental Markets in sub-Saharan Africa: Who benefits and by how much? Evidence from Malawi and Zambia." *American Journal of Agricultural Economics* 98(5):1507-1528.
- (16) Kadjo, D.\*, **J. Ricker-Gilbert**, and C. Alexander. 2016. "Estimating Price Discounts for Low-Quality Maize in sub-Saharan Africa: Evidence from Benin." *World Development*. 77:115-128.
- (15) Jones, M.\*, C. Alexander. C., N.J. Olynk, **J. Ricker-Gilbert** and J. Lowenberg-DeBoer. 2016. "Do Insect and Mold Damage Affect Maize Prices in Africa? Evidence from Malawi." *Modern Economy* 7:1168-1185.

- (14) Tonitto, C., and **J. Ricker-Gilbert**. 2016. "Nutrient management in African sorghum cropping systems: applying meta-analysis to assess yield and profitability." *Agronomy for Sustainable Development* 36(1):1-19.
- (14) **Ricker-Gilbert, J.**, and M. Jones\*. 2015. "Does Storage Technology Affect Adoption of Improved Maize Varieties in Africa? Insights from Malawi's Input Subsidy Program." *Food Policy* 50:92-105.
- (12) Jayne, T.S., D. Mather, N. Mason, and **J. Ricker-Gilbert**. 2015. "Rejoinder to: How do Fertilizer Subsidy Programs Affect Total Fertilizer Use? A Synthesis of the Evidence on "Crowding in/out" in sub-Saharan Africa." *Agricultural Economics* 44(6):687-703.
- (11) Bezu, S., G. Tesfahun., B. Shiferaw, and **J. Ricker-Gilbert**. 2014. "Impact of Improved Maize Adoption on Welfare of Farm Households in Malawi: A Panel Data Analysis." *World Development* 59:120-131.
- (10) **Ricker-Gilbert, J.**, C. Jumbe, and J. Chamberlain. 2014. "The Impact of Increasing Population Density on African Agriculture and Livelihoods: The Case of Malawi." *Food Policy* 48:114-128.
- (9) Josephson, A.L.\* , **J. Ricker-Gilbert**, and R. Florax. 2014. "How Does Population Density Affect Agricultural Productivity? Evidence from Ethiopia." *Food Policy* 48:142-152.
- (8) **Ricker-Gilbert, J.** 2014. "Wage and Employment Effects of Malawi's Fertilizer Subsidy Program." *Agricultural Economics* 45(3):337-353.
- (7) **Ricker-Gilbert, J.**, N. Mason, F. Darko\*, and S. Tembo. 2013. "What are the Effects of Input subsidy Programs on Maize Prices? Evidence from Malawi and Zambia." *Agricultural Economics* 44(6):671-686.
- (6) Jayne, T.S., D. Mather, N. Mason, and **J. Ricker-Gilbert**. 2013. "How do Fertilizer Subsidy Programs Affect Total Fertilizer Use? A Synthesis of the Evidence on "Crowding in/out" in sub-Saharan Africa." *Agricultural Economics* 44(6):687-703.
- (5) Lunduka, R., **J. Ricker-Gilbert**, and M. Fisher. 2013. "The Consistent and Contrasting Results of Research Examining the Economic Impacts of Malawi's Fertilizer Subsidy Program." *Agricultural Economics* 44(6):563-579.
- (4) **Ricker-Gilbert, J.**, T.S. Jayne, and G. Shively. 2013. "Addressing the 'Wicked Problem' of Input Subsidy Programs in Africa: A Review." *Applied Economic Perspectives and Policy* 35(2): 322-340.

- (3) Mason, N.M. and **J. Ricker-Gilbert**. 2013. "Disrupting Demand for Commercial Seed: Input Subsidies in Malawi and Zambia." *World Development* 45: 75-91.
- (2) **Ricker-Gilbert, J.**, T.S. Jayne and E. Chirwa. 2011. "Subsidies and Crowding Out: A Double-Hurdle Model of Fertilizer Demand in Malawi." *American Journal of Agricultural Economics*. 93(1): 26-42.
- (1) **Ricker-Gilbert, J.**, G. Norton, J. Alwang, M. Miah and G. Feder. 2008. "Cost Effectiveness of Alternative IPM Extension Methods: An Example from Bangladesh." *Applied Economic Perspectives and Policy*. 30(2): 252-269.

**ARTICLES UNDER REVIEW (7);** \* denotes that co-author is current or former graduate student

**Ricker-Gilbert, J.**, J. Chamberlin, and J. Kanyamuka\*. 2020. "Soil Quality and Soil Fertility Investments on Rented Versus Owned Plots: Evidence from a Matched Tenant-Landlord Sample in Malawi." *Revise and Resubmit completed for Land Economics*.

Channa, H.\*, **J. Ricker-Gilbert**, H. De Groote, J. Bauchet. 2020. "Willingness to pay for a new farm technology given risk preferences: Evidence from an experimental auction in Kenya." *Revise and Resubmit Requested by Agricultural Economics*.

Fuller, A.\*, and **J. Ricker-Gilbert**. 2020. "Is there a market for third-party quality verification in rural grain markets? Evidence from an experimental auction for moisture testing in Kenya" *Revise and Resubmit Requested by Journal of African Economies*.

De Groote, H., P.G. Githinji, B.G. Munya, **J. Ricker-Gilbert**. 2020. "Economics of Open-air Maize Drying in East Africa." *Under Review*

Josephson, A.\*, and **J. Ricker-Gilbert**. 2020. "A Behavioral Explanation of Crop Choice: Growing and Eating Sorghum and Maize in Zimbabwe" *Under Review*

Arias-Granada, Y.\*, Z Neuhofer\*, J. Bauchet, P. Ebner, and **J. Ricker-Gilbert**. 2020. "A Review of Foodborne Diseases in sub-Saharan Africa: Case Studies of Three Countries" *Under Review*.

Omotilewa, O.\*, and **J. Ricker-Gilbert**. 2020. "Impact Evaluation of Large-Scale Extension Activities on Agricultural Technology Adoption: Experimental vs. Non-Experimental Estimates." *Under Review*

**OTHER PUBLICATIONS AND POLICY BRIEFS (11)**

Kanyamuka, J.\*, C. Jumbe and **J. Ricker-Gilbert**. 2018. "Making Agricultural Input Subsidies More Effective and Profitable in Africa: The Role of Complementary Interventions."

Chapter 8 in Food Systems Sustainability and Environmental Policies in Modern Economies. Abiodun Elijah Obayelu Ed. IGI Global Publisher. pp. 172-187.

Riesgo, L., Louhichi, K., Gomez y Paloma, S., Hazell, P., **Ricker-Gilbert, J.**, Wiggins, S., Sahn, D.E., Mishra, A. 2016. "Food and nutrition security and role of smallholder farms: challenges and opportunities." Workshop proceedings by the European Commission, Joint Research Center.

Abdoulaye, T., J.H. Ainembabazi, C. Alexander, D. Baributsa, D. Kadjo, B. Moussa, O. Omotilewa, **J. Ricker-Gilbert**, and F. Shiferaw. 2016. "Postharvest Loss of Maize and Grain Legumes in Sub-Saharan Africa: Insights from the Purdue Improved Crop Storage (PICS) Project." Purdue Extension Report EC-807-W, West Lafayette, IN. USA

Lunduka, R., **J. Ricker-Gilbert**, G. Shively, and T. Jayne. 2014 "Redefining the Goals and Objectives of Malawi's Farm Input Subsidy Program." Policy Brief #1, Prepared for the World Bank, and the African Development Bank. Lilongwe, Malawi.

**Ricker-Gilbert, J.**, Lunduka, R., G. Shively, and T. Jayne. 2014 "Improving the Effectiveness of Malawi's Farm Input Subsidy Program." Policy Brief #2, Prepared for the World Bank, and the African Development Bank. Lilongwe, Malawi.

Lunduka, R., **J. Ricker-Gilbert**, G. Shively, and T. Jayne. 2014 "Understanding and Improving the Targeting of Malawi's Farm Input Subsidy Program." Policy Brief #3, Prepared for the World Bank, and the African Development Bank. Lilongwe, Malawi.

**Ricker-Gilbert, J.**, Lunduka, R., G. Shively, and T. Jayne. 2014 "Malawi's Farm Input Subsidy Program to Alternative Programs for Smallholders." Policy Brief #4, Prepared for the World Bank, and the African Development Bank. Lilongwe, Malawi.

IARNA, & FAUSAC. 2013. *Evaluación del Programa de Fertilizantes del Ministerio de Agricultura, Ganadería y Alimentación (MAGA)*. Guatemala: Instituto de Agricultura, Recursos Naturales y Ambiente (IARNA), Universidad Rafael Landívar; & Facultad de Agronomía (FAUSAC), Universidad de San Carlos de Guatemala.

Shively, G., and **J. Ricker-Gilbert**. 2012. "Measuring the Impacts of Agricultural Input Subsidies in Sub-Saharan Africa: Evidence from Malawi's Farm Input Subsidy Program." Policy Brief prepared for the Global Policy Research Institute at Purdue University; West Lafayette, IN.

Kelly, V., E. Crawford, and **J. Ricker-Gilbert**. 2011. "The New Generation of African Fertilizer Subsidies: Panacea or Pandora's Box?" Food Security II Policy Synthesis, Number 87. Department of Agricultural, Food & Resource Economics, Michigan State University.

Jayne, T.S., N. Sitko, **J. Ricker-Gilbert** and J. Mangisoni. 2010. "Malawi's Maize Marketing System." Department of Agricultural, Food & Resource Economics, Michigan State University.

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## **INVITED SEMINARS, CONFERENCE PRESENTATIONS & ORGANIZED SYMPOSIA**

World Mycotoxin Forum: Belfast, UK, October 2019.

African Association of Agricultural Economists: Abuja, Nigeria, September 2019.

Invited Seminar, University of Georgia, September 2019.

AAEA Annual Meeting: Atlanta GA, August 2019.

Midwest International Economic Development Conference: Madison WI., April 2019.

Invited Seminar, Stellenbosch University, February 2019.

Invited Seminar, University of Minnesota, November 2018.

AAEA Annual Meeting: Washington DC, August 2018.

International Association of Agricultural Economists: Vancouver, Canada, July 2018.

Midwest International Economic Development Conference: Minneapolis, MN., April 2018.

CSAE Conference on Economic Development in Africa, Oxford England, March 2018.

USAID, AGRI-LINKS Seminar, Washington D.C., February 2018.

Invited Seminar, NC State University, November 2017.

AAEA Annual Meeting: Chicago IL, July 2017.

Invited Seminar, Virginia Tech, April 2017.

Invited Seminar, University of Illinois, March 2017.

African Association of Agricultural Economists: Addis Ababa, Ethiopia, September 2016.

AAEA Annual Meeting: Boston MA, July-August 2016.

World Bank Conference on Land and Poverty: Washington DC, March 2016.

International Association of Agricultural Economists: Milan, Italy, August 2015.

AAEA Annual Meeting: San Francisco CA, July 2015.

Midwest International Economic Development Conference: Madison WI., April 2015.

World Bank Conference on Land and Poverty: Washington DC, March 2015.

AAEA Annual Meeting: Minneapolis MN, August 2014.

African Association of Agricultural Economists: Hammamet, Tunisia, September 2013.

AAEA Annual Meeting: Washington DC, August 2013.

Midwest International Economic Development Conference: Madison WI., April 2013.

International Association of Agricultural Economists: Foz Do Iguacu, Brazil, August 2012.

AAEA Annual Meeting: Seattle WA, August 2012.

AAEA Annual Meeting: Pittsburgh PA, July 2011.

Africa Growth Forum at the Brookings Institute: Washington D.C., January 2011.

African Association of Agricultural Economists: Cape Town, S.A., September 2010.

AAEA Annual Meeting: Denver CO, July 2010.

Future of Food & Nutrition Conference at Tufts University: Boston MA, April 2010.

International Association of Agricultural Economists: Beijing China, August 2009.

AAEA Annual Meeting: Milwaukee WI, July 2009.

AAEA Annual Meeting: Orlando FL, July 2008.

International Association of Agricultural Economists: Brisbane, Australia, August 2006.

NC-1003 Annual Meeting: Jekyll Island GA, March 2006.

## **INVITED POLICY PRESENTATIONS (11)**

**Ricker-Gilbert, J.,** C. Jumbe, J. Kanyamuka, J. Chamberlin, R. Lunduka, and S. Kaiyatsa. 2017.

“Do Farm Land Rental Markets Really Promote Efficiency and Equity in Smallholder Agriculture? Evidence from a Matched Tenant-Landlord Sample in Malawi.”

Presentation made at the Second National Land Symposium. May 8, 2017 in Lilongwe, Malawi.

**Ricker-Gilbert, J.** and J. Chamberlin. 2016. “Participation in rural land rental markets in Sub-Saharan Africa: who benefits and by how much? Evidence from Malawi.” Presentation made at the First National Land Symposium. April 20, 2016 in Lilongwe, Malawi.

**Ricker-Gilbert, J.,** and T.S. Jayne. 2015 “Access of Smallholder Farms to Seeds and Fertilizer Use in sub-Saharan Africa.” Presentation at the European Commission Workshop on Local Level Food and Nutrition Security and the Role of Subsistence/Smallholder Farms. Seville, Spain. September 9-10.

**Ricker-Gilbert, J.,** and R. Lunduka. 2014 “Comparing Input Subsidies to Alternative Investments for Smallholders.” Presentation at the LUANAR/IFPRI Policy Workshop titled “Eight Years of FISP: Impact and What’s Next?” Lilongwe, Malawi. July 14-15.

Lunduka, R., and **J. Ricker-Gilbert.** 2014 “What are the Household-Level Impacts of Malawi’s Farm Input Subsidy Program.” Presentation at the LUANAR/IFPRI Policy Workshop titled “Eight Years of FISP: Impact and What’s Next?” Lilongwe, Malawi. July 14-15.

Snapp, S., T.S. Jayne, W. Mhango, T. Benson, and **J. Ricker-Gilbert.** 2014. “Maize-Nitrogen Response in Malawi’s Production Systems.” Presentation at the LUANAR/IFPRI Policy Workshop titled “Eight Years of FISP: Impact and What’s Next?” Lilongwe, Malawi. July 14-15.

**Jacob Ricker-Gilbert, J.** 2013. “Evaluating the Impact of Input Subsidy Programs.” Invited Presentation at the “3<sup>rd</sup> Annual Conference for Fiscal Policy and Equitable Society.” World Bank Headquarters, Washington D.C., June 10.

**Ricker-Gilbert, J.** 2012. “Input Subsidies: What We Know.” Invited Policy Presentation for Guatemalan Ministry of Agriculture and the Inter-American Development Bank at Rafael Landivar University. Guatemala City, Guatemala. December 13.



**Ricker-Gilbert, J.** 2011. "Analysis of Key Policy Issues in Malawi." Invited Presentation at USAID Malawi. Lilongwe, Malawi. October 28.

**Ricker-Gilbert, J.** and T.S. Jayne. 2011. "Are there Enduring Benefits of Fertilizer Subsidies on Household Well-being? Evidence from Malawi." Invited Presentation at the COMESA/ACTESA/ MINAGRI Policy Symposium on Smallholder-led Agricultural Commercialization and Poverty Reduction. Kilgali, Rwanda. April 20-22.

**Ricker-Gilbert, J.** and T.S. Jayne. 2010. "The Impact of Fertilizer Subsidies on Displacement and Total Fertilizer Use." Invited Presentation at the Malawi Agricultural Input Subsidy Program Evaluation Workshop for the Malawian Ministry of Agriculture: Lilongwe, Malawi. May 11.

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## **GRADUATE STUDENT ADVISING AT PURDUE**

### **a. Current Ph.D. Students, Major professor: (4)**

- i) Tabitha Nindi. Expected Graduation in 2020.
- ii) Mrunal Shah. Expected Graduation in 2022.
- iii) Nina Jovanovic. Expected Graduation in 2022.
- iv) Yurani Granada. Expected Graduation in 2022.

### **b. Current Ph.D. Students, Committee member: (3)**

- i) Alecia Evans. Expected Graduation in 2021.
- ii) Edeoba Edobor. Expected Graduation in 2022.
- iii) Wajiha Saeed. Expected Graduation in 2022.

### **c. Completed Ph.D. Students, Major professor: (5). *first employment***

- i) Francis Darko. Graduated in 2016. *Economist at the World Bank*
- ii) Didier Kadjo. Graduated in 2017. *Co-Manager at ONYX consulting in Cote d'Ivoire*
- iii) Oluwatoba Omotilewa. Graduated in 2018. *Economist at the World Bank*
- iv) Stacy Prieto. Graduated in 2018. *Project Manager at Catholic Relief Services*
- v) Hira Chana. Graduated in 2019. *Young Professional at the World Bank*

### **d. Completed Ph.D. Students, Committee member: (8). *first employment***

- i) Sharon Raszap. Graduated in 2014. *Economist for the Economic Research Service of USDA.*
- ii) Ganesh Thapa. Graduated in 2015. *World Bank.*
- iii) Ghulam Halimi. Graduated in 2016. *Government of Afghanistan.*
- iv) Patrick Hatzenbuehler. Graduated in 2016. *International Food Policy Research Institute (IFPRI).*
- v) Anna Josephson. Graduated in 2017. *Assistant Professor at University of Arizona.*

- vi) Heather Pasley (Agronomy). Graduated in 2018. *Post-doc at Purdue University*
- vii) Kayanet Kabir. Graduated in 2019. *Economist at the World Bank*
- viii) Yong Jee Kim. Graduated in 2019.

**e. Current M.S. Students, Major Professor: (1)**

- i) Laura Leavens. Expected Graduation in 2020.

**f. Completed M.S. Students, Major Professor: (9) first employment**

- i) Anna Josephson. Graduated in 2013. *Ph.D. student in the Agricultural Economics department at Purdue.*
- ii) Didier Kadjo. Graduated in 2013. *Ph.D. student in the Agricultural Economics department at Purdue.*
- iii) Aaron Cook. Graduated in 2013. *Ph.D. student in the Agricultural Economics department at Penn State.*
- iv) Daniel Ghambi. Graduated in 2014. *Agribusiness officer with the Malawian Ministry of Agriculture and Food Security.*
- v) Shannon Harringx. Graduated in 2014. *Syngenta.*
- vi) Brian Weinert. Graduated in 2016. *John Deere*
- vii) Kim Ha. Graduated in 2016. *Agricultural Economist at United States Department of Agriculture*
- viii) Albert Alwang. Graduated in 2017. *Researcher at Virginia Tech*
- ix) Amanda Fuller. Graduated in 2019. *Crop Trust*

**g. Completed M.S. Students, Committee member: (8). first employment**

- i) Jones, Michael. Graduated in 2012. *PhD student in Agricultural Economics at North Carolina State University.*
- ii) Kumaraswamy, Gautam. Graduated in 2012.
- iii) Sununtnasuk, Celeste. Graduated in 2013. *Research Associate IFPRI.*
- iv) Mbulukwa, Mphatso. Graduated in 2014. *Agribusiness officer with the Malawian Ministry of Agriculture and Food Security.*
- v) Aghasili, Onyekachi. Graduated in 2015.
- vi) Flock, James. Graduated in 2015. *Employed by ACIDI-VOCA.*
- vii) Zhao, Sidi. Graduated in 2016.
- viii) Donovan, Natalie. Graduated in 2018.

**h. Awards with Graduate Students**

- Advisor to Hira Channa. Winner of the Best PhD Dissertation in the Department of Agricultural Economics at Purdue University, 2019.
- Advisor to Tabitha Nindi. Winner of Best Paper at the 2019 Triennial conference of the African Agricultural Economics Association.

- Advisor to Albert Alwang. Winner of the Best Master’s Thesis in the Department of Agricultural Economics at Purdue University, 2017.
  - Co-Advisor (with Juan Sesmero) to Aaron Cook. Winner of the Best Master’s Thesis in the Department of Agricultural Economics at Purdue, 2014.
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## RESEARCH GRANT ACTIVITIES

*(\$39,232,024 in total; \$31,476,021 to Purdue; \$4,276,083 directly to Ricker-Gilbert)*

Foundation for a Smoke Free World & Michigan State University. June 2019 – December 2021. “Developing A Malawian Policy Research Institute.” (with Thom Jayne and Milu Muyunga); \$298,000 with direct responsibility for \$298,000.

USAID. June 2019 – May 2024. “Feed the Future Innovation Lab for Food Safety” (with Haley Oliver, Amanda Deering, Paul Ebner, Gary Burniske, and Jonathan Bauchet); \$10,000,000 with direct responsibility for \$102,311.

USAID. May 2019 – April 2022. “Feed the Future Innovation Lab for Food Processing and Post-Harvest Handling, Phase II” (**Ricker-Gilbert, PI**: with Bruce Hamaker, Jonathan Bauchet, Dieudonne Baributsa, Regan Bailey and C. Woloshuk); \$3,000,000 with direct responsibility for \$900,000.

Universidad Nacional de San Agustin, Peru. January 2019 – December 2021. “Capacity Strengthening for Postharvest Handling and Storage in Peru.” (with Dieudonne Baributsa, and Charles Woloshuk); \$453,359,332 with direct responsibility for \$90,672.

Universidad Nacional de San Agustin, Peru. January 2018 – December 2020. “A Purdue-UNSA Initiative to Establish a Center on Food Security in Peru.” (with Gebisa Ejeta, Sylvie Brouder, Connie Weaver, Laurel Weldon, and Gary Burniske); \$160,332 with direct responsibility for \$16,033.

USAID. October 2017 – September 2020. “Increasing Malawian Smallholder Farmers’ Access to Improved Storage Technology and Credit.” (**Ricker-Gilbert, PI**: with Dieudonne Baributsa); \$275,000 with direct responsibility for \$137,500.

USAID. October 2016 – September 2018. “Increasing Tanzanian Smallholder Farmers’ Access to Improved Storage Technology and Credit.” (**Ricker-Gilbert, PI**: with Dieudonne Baributsa, Tahirou Abdoulaye, and Feleke Shiferaw); \$275,000 with direct responsibility for \$137,500.

USAID. November 2016 – October 2017. “Measuring African Farmers’ and Traders’ Willingness to Pay for a Low Cost Maize Moisture Meter: Evidence from an Experimental Auction in Kenya.” (**Ricker-Gilbert, PI:** with Jonathan Bauchet, Charles Woloshuk, Paswel Marenya and Hugo De Groot); \$15,000 with direct responsibility for \$5,000.

USAID. October 2015 – September 2016. Norman E. Borlaug Leadership Enhancement in Agriculture Program (LEAP) – Fellowship.” (with Oluwatoba Omotilewa, and John Herbert Ainembabazi); \$20,000 with direct responsibility for \$20,000.

USAID. May 2014 – April 2019. “Feed the Future Innovation Lab for Food Processing and Post-Harvest Handling” (with B. Bugusu, J. Lowenberg-Deboer, C. Alexander, B. Hamaker, S. Nielson, M. Ferruzzi, K. Ileleji, C. Woloshuk); \$5,000,000 with direct responsibility for \$350,000.

Bill and Melinda Gates Foundation. April 2014 – March 2020. “*Commercializing Hermetic Storage Technology in sub-Saharan Africa.*” (with D. Baributsa, C. Alexander, L. Murdoch, J. Lowenberg-Deboer, C. Woloshuk); \$10,000,000 with direct responsibility for \$1,500,000.

Bill and Melinda Gates Foundation. January 2013 – December 2016. “*Guiding Investments in Sustainable Agricultural Intensification in Africa (GISAIA) Project.*” (with T.S Jayne, C. Jumbe, M. Smale, N. Mason, N. Sitko, D. Mather, others); \$7,900,000 with direct responsibility for \$449,728.

USAID. October 2013 – September 2014. Norman E. Borlaug Leadership Enhancement in Agriculture Program (LEAP) – Fellowship.” (with Didier Kadjo, and Tahirou Abdoulaye); \$20,000 with direct responsibility for \$20,000.

USAID. August 2012 - August 2013. “*Initiative for Long-term Training and Capacity Building (UILTCB) in Malawi.*” (with J. Lowenberg-Deboer, G. Shively, others); \$266,333 with direct responsibility for \$47,940.

Bill and Melinda Gates Foundation. April 2011 - Sept 2013. “*Encouraging Marketing and Trade in Sub-Saharan Africa through Hermetic Storage of Crops by Smallholder Farmers.*” (with L. Murdoch, J. Lowenberg-Deboer, C. Alexander, D. Baributsa); \$1,099,000 with direct responsibility for \$57,130.

Bill and Melinda Gates Foundation. Sept 2011 - Sept 2012. “*Impact of Increasing Population Density on African Farming Systems.*” *Supplemental Funding to the Guiding Investments in Sustainable Agricultural Markets in Africa (GISAMA) Project.* (with T.S. Jayne, R. Benfica, J. Chamberlin, Milu Muyanga, and D. Mather); \$450,000 with direct responsibility for \$144,269.

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## TEACHING

- AGEC 340: Undergraduate-level *International Development Economics* (Spring Semester: 2012-2017).
  - AGEC 619: PhD-level *Applied Microeconomic Theory* (Spring Semester: 2013, 2015, 2017, 2018).
  - AGEC 643: PhD-level *Development Economics* (Fall Semester: 2018, 2019).
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## PROFESSIONAL AFFILIATIONS

Agricultural and Applied Economics Association (AAEA), since 2008

International Association of Agricultural Economists (IAAE), since 2009

African Association of Agricultural Economists (AAAE), since 2010

## REFEREEING SERVICES

*Economic Journal, American Journal of Agricultural Economics; World Development; Agricultural Economics; Oxford Development Studies; Journal of Development Studies; African Journal of Agriculture and Resource Economics; Journal of International Development; Food Policy; Journal of Agricultural Economics; China Economic Review; Journal of African Economies; Environment and Development Economics; Land Economics; Food Security; Applied Economics Perspectives and Policy; Crop Protection; Journal of Borderland Studies; Agricultural Systems.*

*Section Leader for the 2014 & 2015 Agricultural and Applied Economics Association Annual Meeting (in charge of coordinating abstract reviews for the international development section of the conference); Abstract reviewer, 2011, 2012 & 2013 & 2018 Agricultural and Applied Economics Association Annual Meeting; Selected paper reviewer, 2010 & 2013 African Association of Agricultural Economics Tri-annual Meeting; Selected paper reviewer, 2009 & 2012 International Association of Agricultural Economics Tri-annual Meeting.*

## EDITORIAL BOARD SERVICE

- Associate Editor *American Journal of Agricultural Economics*: 2018 - present
  - Associate Editor *Agricultural Economics*: 2018 – present
  - External Member of the International Food Policy Research Institute's (IFPRI) Publication Review Committee: 2016 - present
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## LANGUAGES

- **English:** Native
- **Spanish:** Spoken = Good; Written = Fair; Read = Good

## Personal

- U.S. Citizen
- **Date of Birth:** October 16, 1979