

# Benjamin Schwab

Agricultural Economics  
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## EDUCATION

- 2011 Ph.D. Agricultural & Applied Economics, University of Wisconsin  
2009 M.A. Agricultural & Applied Economics, University of Wisconsin  
2004 B.A. Economics, Middle Eastern Studies, Rutgers University  
- Summa Cum Laude, Rutgers College General Honors Program

## EXPERIENCE

- 2014 to present Assistant Professor, Agricultural Economics, Kansas State University, Manhattan
- 2014-2014 Associate Research Fellow; Poverty, Health, Nutrition Division, International Food Policy Research Institute (IFPRI)
- 2011-2013 Postdoctoral Fellow, Poverty, Health, Nutrition Division, International Food Policy Research Institute (IFPRI)

## FIELDS OF SPECIALIZATION & RESEARCH INTEREST

Development Economics, Health Economics, Agriculture & Nutrition, Impact Evaluation

## JOURNAL ARTICLES

- Butsic, V., **Schwab, B.**, Baumann, M., & Brenner, J. C. (2017). Inside the Emerald Triangle: Modeling the Placement and Size of Cannabis Production in Humboldt County, CA USA. *Ecological Economics*, 142:70-80.
- Hoel, J., **Schwab, B.** & J. Hoddinott. (2016). "Self-control fatigue, cognitive function, and the expression of time preference: Experimental results from Ethiopia", *Journal of Economic Psychology*. 52: 136-146
- Cowan, B. & **B. Schwab.** (2016). "Employer sponsored health insurance and the gender wage gap", *Journal of Health Economics*. 45(1): 103-114 .
- Brandt, J., Butsic, V., **Schwab, B.**, Radloff, V. & T. Kuemmerle. (2015). "The relative effectiveness of protected areas, a logging ban, and sacred areas for old-growth forest protection in southwest China", *Biological Conservation*. 181: 1-8
- Cowan, B. & **Schwab, B.** (2011) "The Incidence of the Healthcare Costs of Smoking." *Journal of Health Economics* 30(5):1094-1102.

*Conditionally Accepted*

**Schwab, B.** "In the form of bread? A randomized comparison of cash and food transfers in

Yemen.” *American Journal of Agricultural Economics*. [Conditionally accepted in December 2018]

*Revise & Resubmit*

**Schwab, B.**, & R. Armah\*. (2018). “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha” *Food Policy* [1<sup>st</sup> revision submitted 11/2018]

Peterman, A., **Schwab, B.**, Roy, S., Hidrobo, M., & D. Gilligan. “Measuring women’s decisionmaking: Indicator choice and survey design experiments from cash and food transfer evaluations in Ecuador, Uganda and Yemen”, withdrawn from *The World Bank Economic Review* after 2 rounds of Revise & Resubmit and an editorial change [also published in draft form in the peer-reviewed working outlet, “IFPRI Discussion Paper Series”]

*Under Review (first round)*

Namingit, S.\*, Blankneau, W. & **Schwab, B.** “Sick and Tell: A Field Experiment Analyzing the Effects of an Illness-Related Employment Gap on the Callback Rate” *Labour Economics*. Under Review.

**Schwab, B.** “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” *Journal of Development Studies*. Under Review. [also published as an Innocenti Working Paper in the peer reviewed working paper series produced by the UNICEF of Research]

## PEER REVIEWED CONFERENCE PROCEEDINGS

Heathers, J., Hoel, J., Wegerif, S., **Schwab, B.**, Ledlie, N., Abay, K., & J. Hoddinott (2014). “Smartphone Platform Survey-Scale Heart Rate Collection: a Performance Evaluation in Ethiopia.” *Proceedings of Wireless Health 2014*, October.

## RECENT REFEREED REPORTS, PRESENTATIONS & ABSTRACTS

**Schwab, B.** (2018) “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” *Innocenti Working Papers no. 2018-09, UNICEF Office of Research - Innocenti, Florence*

- 2018 Presentations: Midwest International Economic Development Conference (MIEDC); Northeastern Universities Development Conference (NEUDC) (Ithaca, NY); International Conference on Agricultural Economics (ICAE) (Vancouver, Canada); UNICEF Workshop on Social Protection Programmes in Humanitarian Settings (Florence, Italy);

Kang, M.\*, **Schwab, B.** Yu, J. (2018) “Does the intrahousehold allocation of male and female agricultural labor depend on distance to markets? Evidence from Sub-Saharan Africa” Selected Poster 2018 AAEA Annual Meeting, Washington D.C, August 5-7

**Schwab, B.** & M. Hodjo\*. (2018) “Who Has the Time? The Gendered Division of Agricultural Labor and Demand for Mechanized Services in Ethiopia” Selected Presentation at AAEA Annual Meeting, Washington D.C, August 5-7

- Embaye, Weldensie T\*., Bergtold, J., **Schwab, B.**, Zereyesus, Y. A. (2018). Modeling Farm Productivity for Heterogeneous Farm Households in Developing Countries. Selected presentation at AAEA Annual Meeting, Washington, D.C. August 5 -7
- Schwab, B.**, & Butsic, V. (2017). Estimating the Impact of Cannabis Production on Rural Land Prices in Humboldt County, CA. *Gen. Tech. Rep. PSW-GTR-258. Albany, CA: US Department of Agriculture, Forest Service, Pacific Southwest Research Station: 395-402.*
- Namingit, S., Blankneau, W. and **Schwab, B.** “The scarring effect of an illness-related employment gap: a field experiment” (with S. Namingit and W. Blankenau). Presented at 2016 *MVEA Annual Meeting* (St. Louis).
- 2017 Presentations: University of Kansas; Rollins College; Cal State-Fullerton; Furman University.
- Schwab, B.** & Butsic, V. (2017) “Green Acres: Cannabis agriculture and rural land values in Northern California”. Agricultural and Applied Economics Association Annual Meeting (Chicago)
- Embaye, W., Bergtold, J., **Schwab, B.** & Shanoyan, A. “Evaluation of Agricultural Extension Programs”. Presented by W. Embaye at Western Agricultural Economics Association annual meeting (Reno).
- Embaye, W., Bergtold, J., & **Schwab, B.** “Effect of crop insurance on farm productivity of Kansas farms, US”. Presented by W. Embaye at Agricultural & Applied Economics Association annual meeting (Chicago).
- Schwab, B.** & Butsic, V. (2016). “The Impact of Cannabis Production on the Timberland Use and Value” University of California Coast Redwood Forest Symposium (Eureka).
- Schwab, B.**, & R. Armah. (2016). “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha”. Agricultural and Applied Economics Association Annual Meeting (Boston) (poster).
- Schwab, B.**, & R. Armah. (2016). “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha”. Presented at the *2016 MVEA Annual Meeting* ((St. Louis).
- Midwest International Economic Development Conference (MIEDC Madison); Conference on the Study of African Economies (CSAE Oxford, England); Pacific Development Conference (PACDEV Riverside).
- Namingit, S., Blankneau, W. & Schwab, B. “The Incidence of the Healthcare Costs of Poor Health History” (2016) American Society for Health Economics (ASHE) biennial meeting. (Philadelphia)
- Embaye, W., Bergtold, J., **Schwab, B.**, and Shanoyan, A. (2016). Impact of farm training on efficiency of small scale farms in Armenia. Agricultural and Applied Economics Association Annual Meeting (Boston) (poster).
- Gilligan, D., Hidrobo, M., Hoddinott, J., Roy, S., & **Schwab, B.** “Much ado about modalities: Multicountry experiments on the effects of cash and food transfers on consumption patterns.” Agricultural and Applied Economics Association meetings, Minneapolis, MN, July 27-29, 2014.

**Schwab, B.** “Nutrition, education and development: The case of Vitamin D milk.” Agricultural and Applied Economics Association meetings, Pittsburgh, PA, July 24-26, 2011.

**Schwab, B.** “In the form of bread? A randomized comparison of cash and food transfers in Yemen.” Agricultural and Applied Economics Association meetings, Washington, D.C., August 4-6, 2013.

Gajigo, O. & **Schwab, B.** “The rhythm of the rains: Seasonal effects on child health in The Gambia.” International Association of Agricultural Economists (IAAE) Triennial Conference, Foz do Iguaçu, Brazil, August 18-24, 2012.

## **OTHER WORKS IN PROGRESS**

**Schwab, B.** & Butsic, V. “Out of the woods: evidence on the transition to legal cannabis production in Northern California”

**Schwab, B.,** Alexander, D., and Slusky, D. “Who chooses to prescribe cannabis? Evidence from NJ”

**Schwab, B.** “Expectations of the future gender wage gap in Ethiopia”

**Schwab, B.** “Maternal fasting during Ramadan and child health: Evidence from 40 countries.”

**Schwab, B.** “Endogenous epidemics and long run economic development.”

**Schwab, B.** “Land distribution and long term inequality: A unified growth model approach.”

## **REPORTS**

Hodjo, M., **Schwab, B.,** and Kere, M. “Baseline Survey report of the Appropriate Scale Mechanization Consortium: Burkina Faso” *Sustainable Intensification Innovation Lab*

**Schwab, B.,** A. Margolies, and J. Hoddinott. “Impact Evaluation of Cash and Food Transfers for the Seasonal Emergency Safety Net in Hajjah and Ibb Governorates, Yemen: Endline Report.” *International Food Policy Research Institute*, June 8, 2013.

**Schwab, B.,** G. Berhane, S. Devereux, J. Hoddinott, F.N. Tegebu, K. Roelen, and A.S. Taffesse. “Impact Evaluation of Cash and Food Transfers for the Seasonal Emergency Safety Net in Hajjah and Ibb Governorates, Yemen: Baseline Report.” (with A. Peterman, V. Moreira, A. Margolies, and J. Hoddinott). *International Food Policy Research Institute*, 2012.

**Schwab, B.,** G. Berhane, S. Devereux, J. Hoddinott, F.N. Tegebu, K. Roelen, and A.S. Taffesse. “Evaluation of the Social Cash Transfers Pilot Programme, Tigray Region, Ethiopia: Baseline Report.” *International Food Policy Research Institute*, Dec. 5, 2012.

**Schwab, B.,** G. Berhane, S. Devereux, J. Hoddinott, F.N. Tegebu, K. Roelen, and A.S. Taffesse. “Evaluation of the Social Cash Transfers Pilot Programme, Tigray Region, Ethiopia: Inception Report.” *International Food Policy Research Institute*, 2012.

## **PUBLISHED DATASETS**

Alam, Md. Monjurul ;**Schwab, Benjamin**; Hodjo, Manzamasso\*; Abu Hanif, Mohammad, 2018, "Appropriate Scale Mechanization for Sustainable Intensification: Baseline Survey, Bangladesh", <https://doi.org/10.7910/DVN/VK5GVN>, Harvard Dataverse, V1, UNF:6:dsrCV7MuEkz8DGm2u1O0dw== [fileUNF]

**Schwab, Benjamin**; Hodjo, Manzamasso\*; Woldegiorgis, Daniel Tilahun; Tsehay, Zemenu, 2018, "Do not use a• Appropriate Scale Mechanization for Sustainable Intensification: Baseline Survey, Ethiopia II, <https://doi.org/10.7910/DVN/4ZHBFV>, Harvard Dataverse, V1, UNF:6:6IU3jKBT3gG65dijKN5IrQ== [fileUNF]

Kere, Michel; **Schwab, Ben**; Hodjo, Manzamasso\*, 2018, "Appropriate Scale Mechanization for Sustainable Intensification: Baseline Survey, Burkina Faso" <https://doi.org/10.7910/DVN/LYD67U>, Harvard Dataverse, V1, UNF:6:PAmh5U5eWfbQirpLZI5dgA== [fileUNF]

#### **OTHER INVITED PRESENTATIONS**

**Schwab, B.** & Winter-Nelson, A. (2017). "Baseline survey reports for the Appropriate Scale Mechanization Consortium". Tillers International (Kalamazoo, MI).

**Schwab, B.** & Winter-Nelson, A. (2016). "Strategies for baseline surveys". Mechanization & Postharvest Opportunities for Smallholders in Sustainable Agriculture (Urbana, IL).

**Schwab, B.** (2016). "Baseline survey methodology and economic analysis for agricultural mechanization" Inception Workshop, Bangladesh Appropriate Scale Mechanization Consortium (Dhaka).

**Schwab, B.** (2016). "Baseline survey methodology and economic analysis for agricultural mechanization" Inception Workshop, Ethiopia Appropriate Scale Mechanization Consortium (Bahir Dar).

**Schwab, B.** & Shanoyan, A. (2016) "Deep-Dive Analysis Armenia Water-to-Market Training Program" Final Presentation of Findings, Millennium Challenge Corporation (Washington, DC)

**Schwab, B.** (2015). "Economic analysis and impact evaluation in the context of post-harvest loss". Annual Meeting, Post-Harvest Reduction Innovation Lab (Manhattan, KS).

## **INVITED TALKS, PUBLISHED ABSTRACTS AND PRESENTED PAPERS:**

- 2018 Northeastern Universities Development Conference (NEUDC) (Ithaca, NY); International Conference on Agricultural Economics (ICAE) (Vancouver, Canada); UNICEF Workshop on Social Protection Programmes in Humanitarian Settings (Florence, Italy); Midwest International Economic Development Conference (MIEDC) (Minneapolis, MN);
- 2017 Agricultural and Applied Economics Association Annual Meeting (Chicago); Baseline survey workshop, Bangladesh Appropriate Scale Mechanization Consortium (Dhaka, Bangladesh); Midwest International Economic Development Conference (Madison, WI); Conference on the Study of African Economies (Oxford, England); Pacific Development Conference (Riverside, CA)
- 2016 Agricultural and Applied Economics Association Annual Meeting (Boston); Inception Workshop, Ethiopia Appropriate Scale Mechanization Consortium (Bahir Dar, Ethiopia); Mechanization & Postharvest Opportunities for Smallholders in Sustainable Agriculture (Urbana, IL); Inception Workshop, Bangladesh Appropriate Scale Mechanization Consortium (Dhaka, Bangladesh); Millennium Challenge Corporation (Washington, DC).
- 2015 Midwest International Economic Development Conference (Madison, WI); Annual Meeting, Post-Harvest Reduction Innovation Lab (Manhattan, KS)
- 2014 Agricultural and Applied Economics Association Annual Conference (Minneapolis), Midwest International Economic Development Conference (Minneapolis).
- 2013 Schwab, B. World Bank Health Impact Evidence & Action to Save Lives in Nigeria, (Uyo, Nigeria); Agricultural and Applied Economics Association Annual Conference (Washington DC); Kansas University Economics Department (Lawrence, KS).
- 2012 American Society of Health Economics 4th Biennial conference (Minneapolis, MN); European Conference on Health Economics, (Zurich); Humboldt University Departmental Seminar in Geography (Berlin, Germany); International Food Policy Research Institute brown bag seminar, (Washington, D.C.)
- 2011 American Agricultural Economics Association Annual Conference (Pittsburgh, PA); International Health Economics Association 8<sup>th</sup> World Congress (Toronto, Canada).
- 2010 Wisconsin Economics Association (Stevens Point, WI); Development Economics Workshop, University of Wisconsin (Madison, WI); Middle East and North Africa Health Policy Forum, World Bank (Amman, Jordan); Global Health Symposium, University of Wisconsin (Madison, WI)
- 2009 Guanajuato Workshop for Young Economists, University of Guanajuato (Guanajuato, Mexico).

2008 Development Economics Workshop, University of Wisconsin (Madison, WI).

## **HONORS, AWARDS AND FELLOWSHIPS**

Honorable Mention, Best Paper Award; MENA Health Policy Forum (World Bank). 2010.

Pass with Distinction: Major Preliminary Exam; University of Wisconsin Department of Agricultural and Applied Economics. 2009.

National Institute for Mental Health (NIMH) Traineeship in Health Economics. 2006-2011.

Foreign Language and Area Studies Fellowship (FLAS) for Arabic in Yemen and the University of Wisconsin. 2005-2006.

Sidney Simon Award, best undergraduate economics thesis, Rutgers University. 2004.

Bear Stearns and Co. Merit Scholarship for most outstanding Junior economics student at Rutgers University (co-winner). 2003.

## **FUNDED RESEARCH AND GRANTS**

Co-PI (w/ Yu, J.), USAID Postharvest Loss Reduction Innovation Lab, Agricultural Economics Component (Phase II). \$135,000 per year (2019-2021) (\$135,000 dept per year).

Supervisor, Ralph Armah\*, (2018). USAID Postharvest Loss Reduction Innovation Lab, Ghana research experiment, \$7,000 (\$7,000 dept)

**Schwab, B.** (PI) and A. Shanoyan. 2017-18. USDA Foreign Agricultural Service/Millennium Challenge Corporation, Synthesizing Lessons from the Deep Dive Bucket Reports, \$7,401 (\$7,401 dept)

2017 Co-recipient, Innovative Teaching Award, Association of Public Land-Grant Universities (APLU), \$3,000 (\$1,500 dept)

Co-PI, Spatial and Temporal Price Dispersion of Agricultural Inputs and Outputs in Senegal, GeoSpatial Research Consortium of the USAID FTF Sustainable Intensification Innovation Lab (SIIL), UC-Davis, \$25,000 (0 dept).

Hanson, A. (PI), **Schwab, B.** (Co-PI), Winter-Nelson, A. (& 5 other Co-PIs), \$5,000,000 (dept \$121,724), USAID FTF Sustainable Intensification Innovation Lab (SIIL), "Appropriate Scale Mechanization Consortium"

Min D. (PI), **Schwab, B.** (Co-PI), Vipham, J. & Lin, X., USAID FTF Sustainable Intensification Innovation Lab (SIIL), \$998,000 (dept \$40,000), "Adoption of Sustainable Intensification in Dual-Purpose Millet - Livestock Systems to Improve Food and Nutritional Security for Rural Small Holder Farmers in Senegal".

**Schwab, B.** (PI) and A. Shanoyan, US Department of Agriculture Foreign Agricultural Service/Millennium Challenge Corporation, \$139,818. "A Deep-Dive Analysis of the Armenia Water to Market Farmer Training Program."

Gilligan, D.O., M. Hidrobo, J. Hoddinott, A. Peterman, S. Roy, **B. Schwab**, A. Buller, L. Heise.

International Initiative for Impact Evaluation (3ie), Expanding lessons from a randomized impact evaluation of cash and food transfers. 2012-2013.

**Schwab, B.** Co-Investigator, UNICEF, Evaluation of the social cash transfers pilot programme in Tigray, Ethiopia. 2011-2014.

**Schwab, B.** Robert Wood Johnson Dissertation Grant, RWJ Foundation Health & Society Scholars Program. 2010.

## **TEACHING EXPERIENCE**

Instructor, Causal Inference Using Experimental and non-Experimental Methods: Applications in Applied Microeconomics. Makerere University, Summer 2018 (2 sections)

Instructor; Agricultural Economics & Agribusiness. AGECE 120. Kansas State University, Fall 2015, Fall 2016, Fall 2017, Fall 2018.

Instructor; Global Agricultural Development. AGECE 615. Kansas State University, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Fall 2018.

Teaching Assistant; Agricultural and Economic Development in Africa. AAE 477. University of Wisconsin, Spring 2008.

## **SERVICE**

*Journal referee service:*

*American Journal of Agricultural Economics; Ecological Economics; Economic Inquiry; Health Economics; International Journal of Health Economics and Management; Journal of African Economies; Journal of Agricultural and Applied Economics; Journal of Agricultural and Resource Economics; PLOS ONE; Public Health; World Development; 3ie: International Initiative for Impact Evaluation grants; GCFSI Food System Innovation grant; Agricultural and Applied Economics Association Annual Meeting (Boston; Chicago)*

Topic leader (development economics), Agricultural and Applied Economics Association Annual Meeting (Washington DC 2013).

*Search Committees at Kansas State University*

- 1) Agricultural Economics. Assistant/Associate Professor in Risk Management (2015-16)
- 2) Sustainable Intensification Lab, Associate Director (2015)

*Committee Service at Kansas State University*

Diversity Committee



*Other University Service*

Board member, Kansas State University Hillel

*Departmental Service*

- Summer new student orientation and enrollment (2015-2018)
- Summer transfer orientation and enrollment (2015-2018)
- Case study competition rehearsal judge (2017)
- Representative at 2017 KSU Major and Minor Fair