

Benjamin Schwab

Agricultural Economics
Kansas State University
Manhattan, KS. 66506

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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, Land Use, Evaluation,

JOURNAL ARTICLES

*Indicates graduate student under supervision

- Schwab, B.** (2020) "Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen." Forthcoming. *Journal of Development Studies*.
- Kang, M.*, **Schwab, B.**, and J. Yu. (2020). "Gender differences in the relationship between land ownership and managerial rights: Implications for intrahousehold farm labor allocation." Forthcoming, *World Development*. 125 (January).
- Schwab, B.** (2019). "In the form of bread? A randomized comparison of cash and food transfers in Yemen." Forthcoming, *American Journal of Agricultural Economics*.
- Schwab, B.**, A. Wartenberg and V. Butsic. (2019) "Characteristics of Farms Applying for Cannabis Cultivation Permits." *California Agriculture*. 73(3): 128-135
- Schwab, B.**, and R. Armah*. (2019). "Could 'Ag for Nutrition' Efforts Sacrifice Food Safety? Evidence from Eid al Adha." *Food Policy*. 83(C): 170-179

Butsic, V., **Schwab, B.**, Baumann, M., and J.C. Brenner. (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.** and 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. and **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. and 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. and **B. Schwab**. (2011). "The Incidence of the Healthcare Costs of Smoking." *Journal of Health Economics* 30(5): 1094-1102

Revise and Resubmit

Schwab, B., Janzen, S., Magnan, N., and W. Thompson. "swindex: Constructing a summary index using the standardized inverse covariance weighted average of indicators." Revise and Resubmit, *Stata Journal*

Schwab, B. and V. Butsic. "Green Acres: Cannabis agriculture, formalization and rural land values in Northern California." Under Review, *American Journal of Agricultural Economics*

Submitted Papers Under Review (1st round)

Peterman, A., **Schwab, B.**, Roy, S., Hidrobo, M., and D. Gilligan. "Measuring women's decisionmaking: Indicator choice and survey design experiments from cash and food transfer evaluations in Ecuador, Uganda and Yemen." Under Review, *World Development*

Namingit, S.*, Blankneau, W. and **B. Schwab**. "Sick and Tell: A Field Experiment Analyzing the Effects of an Illness-Related Employment Gap on the Callback Rate." Under Review, *Journal of Economic Behavior and Organization*

Hodjo, M.*, Kere, M., Milougo, V., Sririvastava, A. and **B. Schwab**. "Demand for Agricultural Mechanization in the Hauts-Bassins Region (HBR) in Burkina Faso." Under Review, *Agribusiness*

PEER REVIEWED BOOK CHAPTERS

Pearson, R. Afaw. S., Baschieri, A., **Schwab, B.** (and 18 others). (2016) “The role of the Tigray Pilot Social Cash Transfer programme and its evaluation in the evolution of the Tigray Social Protection Policy,” in Davis, B., Handa, S., Hypher, N., Rossi, N. W., Winters, P., and Yablonski, J. (Eds.). *From evidence to action: the story of cash transfers and impact evaluation in sub Saharan Africa*. Oxford University Press: pp. 168-196

PEER REVIEWED CONFERENCE PROCEEDINGS

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

PEER REVIEWED WORKING PAPERS

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*

Peterman, A., **Schwab, B.**, Roy, S., Hidrobo, M., and D. Gilligan. (2015). “Measuring women’s decisionmaking: Indicator choice and survey design experiments from cash and food transfer evaluations in Ecuador, Uganda and Yemen.” *IFPRI Discussion Paper 01453*, International Food Policy Research Institute, Washington, DC.

BOOK AND MEDIA REVIEWS

Schwab, B. (2020). “Media Review: What happens when a state grows way too much weed?” Forthcoming. *American Journal of Agricultural Economics*.

PEER REVIEWED TECHNICAL REPORTS

Schwab, B., and V. Butsic (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.

PEER REVIEW SELECTED PAPER PRESENTATIONS

Armah, R.*, **Schwab, B.**, and J. Yu “Does Loss Aversion Affect Improved Storage Technology Adoption? Evidence from a Field Experiment in Ghana.” Presented by R. Armah at 2019 Economics and Management of Risk in Agriculture and Natural Resources (SCC-76) Meeting, (Kansas City)

Schwab, B. “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” 2018 Northeastern Universities Development Conference (NEUDC) (Ithaca, NY);

Schwab, B. “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” 2018 International Conference on Agricultural Economics (ICAE) Triennial Conference (Vancouver, Canada)

Schwab, B. and M. Hodjo*. “Who Has the Time? The Gendered Division of Agricultural Labor and Demand for Mechanized Services in Ethiopia.” Selected Presentation by M. Hodjo at 2018 Agricultural and Applied Economics Association Annual Meeting, Washington D.C

Embaye, W.*, Bergtold, J., **Schwab, B.**, and Y. Zereyesus. “Modeling Farm Productivity for Heterogeneous Farm Households in Developing Countries.” Presented by W. Embaye at 2018 Agricultural and Applied Economics Association Annual Meeting, Washington, D.C.

Schwab, B. “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” 2018 Midwest International Economic Development Conference (MIEDC) (Minneapolis).

Schwab, B. and V. Butsic. “Green Acres: Cannabis agriculture and rural land values in Northern California”. 2017 Agricultural and Applied Economics Association Annual Meeting (Chicago).

Embaye, W.*, Bergtold, J., **Schwab, B.** and A. Shanoyan. “Evaluation of Agricultural Extension Programs”. Presented by W. Embaye at 2017 Western Agricultural Economics Association annual meeting (Reno).

Embaye, W.*, Bergtold, J., and **B. Schwab.** “Effect of crop insurance on farm productivity of Kansas farms, US.” Presented by W. Embaye at 2017 Agricultural and Applied Economics Association annual meeting (Chicago).

Namingit, S.*, Blankneau, W. and **B. Schwab.** “The scarring effect of an illness-related employment gap: a field experiment.” Presented by S. Namingit at 2016 Missouri Valley Economics Association Annual Meeting.

Schwab, B. and V. Butsic “The Impact of Cannabis Production on Timberland Use and Value.” 2016 University of California Coast Redwood Forest Symposium (Eureka).

Schwab, B., and R. Armah*. “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha.” 2017 Midwest International Economic Development Conference (MIEDC) (Madison).

Schwab, B., and R. Armah*. “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha.” 2017 Conference on the Study of African Economies (CSAE) (Oxford, England).

Schwab, B., and R. Armah*. “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha.” 2017 Pacific Development Conference (PACDEV) (Riverside).

Hoel, J., **Schwab, B.** and J. Hoddinott. "Self-control fatigue, cognitive function, and the expression of time preference: Experimental results from Ethiopia." 2015 Midwest International Economic Development Conference (Madison)

Gilligan, D., Hidrobo, M., Hoddinott, J., Roy, S., and **B. Schwab**. “Much ado about modalities: Multicountry experiments on the effects of cash and food transfers on consumption patterns.” 2014 Agricultural and Applied Economics Association meetings, Minneapolis.

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

Gajigo, O. and **B. Schwab**. “The rhythm of the rains: Seasonal effects on child health in The Gambia.” Presented by O. Gajigo at 2012 International Conference of Agricultural Economists (ICAE) Triennial Conference, Foz do Iguaçu, Brazil,

Schwab, B. “Maternal fasting during Ramadan and child health: Evidence from 40 countries.” 2012 American Society of Health Economics 4th biennial conference (Minneapolis).

Schwab, B. “Maternal fasting during Ramadan and child health: Evidence from 40 countries.” 2012 European Conference on Health Economics (Zurich).

Schwab, B. “Nutrition, education and development: The case of Vitamin D milk.” 2011 International Health Economics Association 8th World Congress (Toronto).

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

Schwab, B. “Nutrition, education and development: The case of Vitamin D milk.” 2010 Wisconsin Economics Association, (Stevens Point, WI)

Schwab, B. “Maternal fasting during Ramadan and child health: Evidence from 40 countries.” 2010 Middle East and North Africa Health Policy Forum, World Bank (Amman)

Gajigo, O. and **B. Schwab**. “The rhythm of the rains: Seasonal effects on child health in The Gambia.” 2009 Guanajuato Workshop for Young Economists (Guanajuato, Mexico).

PEER REVIEW SELECTED POSTER PRESENTATIONS

Kang, M.*, **Schwab, B.**, and J. Yu. “Gender differences in the relationship between land ownership and managerial rights: Implications for intrahousehold farm labor allocation.” Selected Poster 2019 Agricultural and Applied Economics Association Annual Meeting, Atlanta, GA.

Kang, M.*, **Schwab, B.**, and J. Yu. “Does the intrahousehold allocation of male and female agricultural labor depend on distance to markets? Evidence from Sub-Saharan Africa.” Selected Poster 2018 Agricultural and Applied Economics Association Annual Meeting, Washington D.C,

Schwab, B., and R. Armah*. “Could ‘Ag for Nutrition’ Efforts Sacrifice Food Safety? Evidence from Eid al Adha.” Selected Poster, Agricultural and Applied Economics Association Annual Meeting (Boston).

Embaye, W., Bergtold, J., **Schwab, B.**, and A. Shanoyan. “Impact of farm training on efficiency of small scale farms in Armenia.” Selected Poster 2016 Agricultural and Applied Economics Association Annual Meeting (Boston)

Namingit, S.*, Blankneau, W. and **B. Schwab**. “The Incidence of the Healthcare Costs of Poor Health History” (2016); American Society for Health Economics (ASHE) biennial meeting. (Philadelphia)

INVITED PRESENTATIONS

Schwab, B. “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” UNICEF/IPC-IG Social Protection Webinar (UNICEF-Lebanon). June 2019.

Schwab, B. & Butsic, V. “Green Acres: Cannabis agriculture and rural land values in Northern California.” University of Wisconsin Department of Agricultural and Applied Economics, Applied Economics Workshop (Madison), February 2019.

Schwab, B. “Comparing the productive effects of cash and food transfers in a crisis setting: Evidence from a randomized experiment in Yemen.” UNICEF Workshop on Social Protection Programmes in Humanitarian Settings (Florence, Italy). June 2018.

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

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

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

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

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

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

Schwab, B. “In the form of bread? A randomized comparison of cash and food transfers in Yemen.” University of Kansas Economics Department Seminar (Lawrence). October 2013

Schwab, B. “In the form of bread? A randomized comparison of cash and food transfers in Yemen.” World Food Programme-International Food Policy Research Institute Seminar: The Effectiveness of In-kind, Cash and Voucher Transfers in Food Assistance (Rome). May 2013

Schwab, B. “Integrating cost-effectiveness analysis in impact evaluations.” World Bank Health Impact Evidence & Action to Save Lives in Nigeria (Uyo, Nigeria). May 2013.

Schwab, B. “Nutrition, education and development: The case of Vitamin D milk.” Humboldt University Departmental Seminar in Geography (Berlin). June 2012.

Schwab, B. “Endogenous Epidemics and Long Run Development” University of Wisconsin Agricultural and Applied Economics Department Development Economics Workshop (Madison). May 2011.

Gajigo, O. and **B. Schwab.** “The rhythm of the rains: Seasonal effects on child health in The Gambia.” University of Wisconsin Agricultural and Applied Economics Department Development Economics Workshop (Madison). December 2008.

REPORTS

Hodjo, M., **Schwab, B.**, and M. Kere. (2017) “Baseline Survey report of the Appropriate Scale Mechanization Consortium: Burkina Faso.” *USAID Feed the Future Sustainable Intensification Innovation Lab*

Schwab, B. and A. Shanoyan. (2017). “Deep Dive Analysis Armenia Water-to-Market Training Program: Synthesizing Lessons Learned.” Submitted to MCC.

Schwab, B., and A. Shanoyan. (2015). “Deep Dive Analysis Armenia Water-to-Market Training Program: Bucket 2 report.” Submitted to MCC and USDA-FAS.

Schwab, B. and A. Shanoyan. (2015). “Deep Dive Analysis Armenia Water-to-Market Training Program: Bucket 1 report.” Submitted to MCC and USDA-FAS.

Schwab, B., A. Margolies, and J. Hoddinott. (2013) “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*

Schwab, B., G. Berhane, S. Devereux, J. Hoddinott, F.N. Tegebu, K. Roelen, and A.S. Taffesse. (2012) “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, M. M., **Schwab, B.**, Hodjo, M.*, and M. Abu Hanif. 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, B., Hodjo, M.*, Woldegiorgis, D.T., and Z. Tsehay. 2018, "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, M., **Schwab, B.** and M. Hodjo.* 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]

HONORS, AWARDS AND FELLOWSHIPS

Advisor, Outstanding Master’s Thesis: Agricultural & Applied Economics Association (AAEA): Hanna Ruder—”Impact of khat production on household welfare in Amhara region of Ethiopia.” 2019.

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, Hatch Multi-State Project on Hemp (S1084/KS20-0755-MS1084). Dept Funding Level: \$35,000. 2019-2020.

Co-PI, USAID FTF Sustainable Intensification Innovation Lab (SIIL). “Appropriate Scale Mechanization Consortium: Extension”, Dept funding level: \$39,124. 2019-2020.

Co-lead PI (w/ Yu, J.), USAID Postharvest Loss Reduction Innovation Lab. “Economic-focused Research Activities (Phase II).” Dept funding level: \$431,257. 2019-2021

Co-PI, (w/ Armah, R.*), USAID Postharvest Loss Reduction Innovation Lab. “Demand for Hermetic Storage Bags in Ghana.” Dept funding level: \$7,000. 2018

PI, Millennium Challenge Corporation. “Synthesizing Lessons from the Deep Dive Bucket Reports.” Dept funding level: \$7,401. 2017-2018.

Co-recipient, Innovative Teaching Award, Association of Public Land-Grant Universities (APLU), Dept funding level: \$1,500. 2017

Co-PI, GeoSpatial Research Consortium of the USAID FTF Sustainable Intensification Innovation Lab (SIIL), UC-Davis. “Spatial and Temporal Price Dispersion of Agricultural Inputs and Outputs in Senegal.” Dept funding level: none. 2017-2019.

Co-PI, USAID FTF Sustainable Intensification Innovation Lab (SIIL). “Appropriate Scale Mechanization Consortium”, Dept funding level: \$121,724. 2016-2020.

Co-PI, USAID FTF Sustainable Intensification Innovation Lab (SIIL). “Adoption of Sustainable Intensification in Dual-Purpose Millet - Livestock Systems to Improve Food and Nutritional Security for Rural Small Holder Farmers in Senegal.” Dept funding level: \$2,200. 2016-2020.

PI, US Department of Agriculture Foreign Agricultural Service/Millennium Challenge Corporation. “A Deep-Dive Analysis of the Armenia Water to Market Farmer Training Program.” Dept funding level: \$139,818. 2015-2016.

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

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

Recipient. 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. AGEC 120. Kansas State University, Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019.

Instructor; Global Agricultural Development. AGEC 615. Kansas State University, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019.

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

GRADUATE ADVISING

Major Professor

Completed:

Ralph Armah (PhD)

Weldensie Embaye (PhD)

Hanna Ruder (MS)

In Progress:

Munsu Kang (PhD)

Mengistu Kassie (PhD)

Committee Member

Completed:

Tennecia Dacass (PhD)

Quazi Fidia Farah (PhD)

Mengistu Kassie (MS)

Sheryll Namingit (PhD)

Becatien Yao (PhD)

In Progress:

Manzamasso Hodjo (PhD)

Tori Laird (MS)

Greg Leung (PhD)

Eric Ofori (PhD)

Vivian Simmons (MS)

SERVICE

Journal referee service:

American Journal of Agricultural Economics; Applied Economics Perspectives and Policy; California Agriculture; 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 Bank Economic Review; World Development;

Conference referee service:

- Agricultural and Applied Economics Association Annual Meeting (2015-2018)
- Topic leader (development economics), Agricultural and Applied Economics Association Annual Meeting (Washington DC 2013).

Grant review service:

- 3ie: International Initiative for Impact Evaluation grants
- GCFSI Food System Innovation grant

Search Committees at Kansas State University

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

Kansas State University Committees

Diversity Committee

Other University Service

Founding board member, Kansas State University Hillel

Other Departmental Service

- PhD Program Committee
- Summer new student orientation and enrollment (2015-2019)
- Summer transfer orientation and enrollment (2015-2019)
- Case study competition rehearsal judge (2017)
- Representative at 2017 KSU Major and Minor Fair

