

Kelly A. Davidson

Department of Applied Economics and Statistics
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ACADEMIC APPOINTMENTS

University of Delaware, Newark, DE
Assistant Professor, 2018-current

University of Florida, Gainesville, FL
Instructor, 2016-2018
Graduate Assistant, 2013-2017

University of Tennessee at Martin, Martin, TN
Lecturer in Agricultural Business, 2011-2013

University of Hawai'i Aquaculture Training and Online Learning, Honolulu, HI, 2011
Faculty for online course session on Aquaculture Business and Marketing

University of Kentucky Department of Agricultural Economics, Lexington, KY
Research Assistant, 2008-2009

RESEARCH INTERESTS

Agribusiness, Agriculture, Food, and Nutrition Policy, Behavioral Economics, International Development and Trade

EDUCATION

PhD **University of Florida**, Gainesville, FL, December 2017
Food and Resource Economics

Dissertation: Behavioral Economics, Nutrition Education, and Access to Markets: Experimental Evidence and a Theoretical Framework for Improving Dietary Diversity

Master of Science
University of Kentucky, Lexington, KY, December 2009
Agricultural Economics

M.S. Thesis: The Impact of Perceived Barriers to Export: An Analysis of Kentucky Agricultural and Food Processing Firms

Bachelor of Science
University of Kentucky, Lexington, KY, May 2008
Agricultural Economics and Foreign Language/International Economics-French

Université de Bourgogne, Centre International d'Etudes Françaises, Dijon, France
June-July, 2008

ADDITIONAL RESEARCH EXPERIENCE

Joint Institution for Marine and Atmospheric Research (JIMAR), Honolulu, HI, 2010-2011

Fisheries Economics Specialist, NOAA Pacific Islands Fisheries Science Center

Conducted quantitative economic research for collaborative projects between the University of Hawaii at Manoa and NOAA National Marine Fisheries Service

Collaborated with fellow economists to analyze seafood market data

Facilitated primary data collection of in-person and online consumer surveys

Published and presented project results for international audiences

Managed economic data collection for Hawaii longline fisheries in collaboration with the regional office observer program

Joint Institution for Marine and Atmospheric Research (JIMAR), Honolulu, HI, 2009

Research Assistant, NOAA Pacific Islands Fisheries Science Center

Designed willingness-to-pay survey of consumer perceptions of aquaculture

Conducted person-to-person interviews to pilot surveys and reviewed relevant literature

Assisted with the collection of fisheries logbook data

The World Bank, ARD, Commodity Risk Management Group, Washington DC, 2007-2008

Short Term Consultant

Prepared materials for the World Bank Institute online course: Market-based Risk Management for Development

Corresponded with course participants regarding the application process and curriculum

Summarized risk management research and composed briefing documents

Designed a newsletter template and organized information to update website

GlobalAgRisk, Inc., Lexington, KY, 2006-2008

Research Associate

Researched index-based agricultural insurance and price risk management tools

Assisted in editing collaborative publications and presentations on global issues and risk

Improved and maintained company website

TEACHING EXPERIENCE

Courses at University of Delaware

Strategic Selling and Buyer Communication

Strategic Marketing Competition

Courses at University of Florida

Selling Strategically (online)

Financial Planning for Agribusiness (lab instructor)

Courses at University of Tennessee at Martin **online and in-person

Introduction to Agricultural Economics

International Agricultural Trade

Global Marketing in North America

Natural Resource Economics**

Agricultural Marketing**

Agricultural Management

Farm and Ranch Management**

Advanced Farm and Ranch Management

Advanced Agribusiness Market Planning

General Studies, Seminar in Freshman Studies

REFEREED JOURNAL ARTICLES

2012 **Davidson, K.**, M. Pan, W. Hu, and D. Poerwanto. "Consumers' Willingness to Pay for Aquaculture Fish Products vs. Wild-Caught Seafood – A Case Study in Hawaii." *Aquaculture Economics and Management*, 16(2):136-154.

REFEREED JOURNAL ARTICLES (CONT.)

- 2012 Park, S.K., **K. Davidson**, and M. Pan. "Economic Relationships between Aquaculture and Capture Fisheries: Republic of Korea." Aquaculture Economics and Management, 16(2): 102-116.
- 2010 **Davidson, K.** and S. Saghaian. "Perceptions of Regulations and Trade Barriers: How Policy Affects Agricultural Firms and Food Processors in the Decision to Export." J. of Food Distribution Research, 41(1): 25-31.
- 2009 Maynard, L. and **K. Davidson**. "Consumer-Level Determinants of Wine Purchases in Canadian Restaurants." Journal of Wine Economics, 4(1): 10-24.

OTHER PUBLICATIONS

- 2018 **Davidson, K.**, J. Kropp, C. Mullally, and W. Rahman. "Behavioral Economics and Nutrition Education in Bangladesh: Comparing Food Choices in the Lab with Dietary Diversity at Home." Selected Paper at the Agricultural and Applied Economics Association Annual Meeting, August 5-7, Washington, D.C.
- 2018 **Davidson, K.** and K. Mosiman. "What's on Your Plate? Empowering Bangladeshi Researchers through Innovative Methods." USAID Feed the Future Integrating Gender and Nutrition within Agricultural Extension Services (INGENAES) Success Story http://ingenaes.illinois.edu/wp-content/uploads/ING-Success-Story-2018_01-Bangladesh-Food-Plate-Study-Davidson-Mosiman.pdf
- 2018 **Davidson, K.** (presenter) and J. Kropp. "Modeling Market Participation and Nutrient Demand Among Agricultural Households in Bangladesh." Selected Paper at the Southern Agricultural Economics Association 2018 Annual Meeting, February 3-6, 2018, Jacksonville, Florida.
- 2017 **Davidson, K.** and J. Kropp. "Exploring Behavioral Nudges to Improve Nutrition in Bangladesh." Selected Paper at the Agricultural and Applied Economics Association Annual Meeting, July 30 – August 1, Chicago, Illinois.
- 2017 **Davidson, K.** and J. Kropp. "Does Market Access Improve Dietary Diversity? Evidence from Bangladesh." Selected Paper at the Southern Agricultural Economics Association 2017 Annual Meeting, February 4-7, 2017, Mobile, Alabama.
- 2016 **Davidson, K.** and C. Eisenmann, "Technology Profile: Household-based Pond Aquaculture and Homestead Gardening." USAID Integrating Gender and Nutrition within Agricultural Extension Services (INGENAES), March 2016. <http://ingenaes.illinois.edu/apply/technology-profiles/>
- 2013 Parrott, S., Mehlhorn, J., D'Antoni, J., Mehlhorn, S., and **Davidson, K.** "Developing and Delivering Course Content for Dual Enrollment Courses." Selected Paper at the Southern Agricultural Economics Association 2013 Annual Meeting, February 2-5, 2013, Orlando, Florida.
- 2012 Parrott, S., J. Mehlhorn, and **K. Davidson**. "Student Perceptions of Simulation Games and Training Software on Improving Course Learning Objectives and Career Preparedness." Selected Paper at the Southern Agricultural Economics Association 2012 Annual Meeting, February 4-7, 2012, Birmingham, Alabama. <http://purl.umn.edu/119746>

OTHER PUBLICATIONS (CONT.)

- 2011 Criddle, K. R., M. Pan, and **K. Davidson**. A Summary of the Pacific Islands Region Catch Share Workshop, Honolulu, Hawaii, March 9-12, 2010. Pacific Islands Fish. Sci. Cent., Natl. Mar. Fish. Serv., NOAA, Honolulu, HI 96822-2396. Pacific Islands Fish. Sci. Cent. Admin. Rep. H-11-03, 28 p. + Appendix. http://www.pifsc.noaa.gov/adminrpts/2000-present/PIFSC_Admin_Rep_11-03.pdf.

ABSTRACTS

- 2015 **Davidson, K.** (presenter), J. Kropp. "Are Catfish Inspections an Administrative Barrier to Imported Fish?" North American Association of Fisheries Economists 2015 Biennial Forum, May 20-22, 2015, Ketchikan, Alaska.
- 2011 **Davidson, K.** (presenter), M. Pan, W. Hu, and D. Poerwanto. "Willingness to Pay for Wild Caught vs. Farm Raised Fish in Hawaii." North American Association of Fisheries Economists 2011 Forum, May 11-13, 2011, Honolulu, Hawaii.
- 2010 **Davidson, K.** (presenter) and M. Pan. "Consumer Preferences for Wild Caught and Farm Raised Seafood: A Comparison Across Species and Consumer Residence States." The 3rd National Forum on Socioeconomic Research in Coastal Systems, Center for Natural Resource Economics and Policy (CNREP), May 26-28, New Orleans, Louisiana.

WORK IN PROGRESS

- Serra, R., M. Vigneri, J. Kaminski and K. Davidson. "Empowering Women through Collective Action in Agricultural Markets: Evidence from Honey Producers in Ethiopia." In Preparation.
- Davidson, K., J. Kropp, and C. Mullally. "Nudging to Reduce Rice Consumption and Improve Meal Diversity in Bangladesh." (Job Market Paper). Working paper targeted at *Journal of Development Economics*.
- Davidson, K., J. Kropp, C. Mullally, P. Useche, and S. Russo. "Potential Long-term Impacts of Nutrition Interventions on Household Food Consumption." Working paper targeted at *Public Health Nutrition*.
- Davidson, K., J. Kropp, P. Useche, C. Mullally and S. Russo. "Does Market Access Improve Dietary Diversity? Evidence from Bangladesh." Working paper targeted at *Food Policy*.
- Davidson, K. and J. Kropp. "Potential Trade Distortions of the USDA Catfish Inspection Program." Working paper targeted at *Aquaculture Economics and Management*.

INVITED AND SELECTED PRESENTATIONS

- 2018 **Davidson, K.** (presenter). "Measuring the Effectiveness of Combined Extension Methods: Behavioral Nudges and Nutrition Education." University of Illinois Urbana-Champaign Spring Symposium Revalorizing Extension: Evidence and Practice. April 3-4, 2018, Urbana-Champaign, Illinois.
- 2017 **Davidson, K.** (presenter) and J. Kropp. "The Effect of Price Risk and Market Participation on the Demand for Nutrition Among Agricultural Households in Bangladesh." Annual Meeting of the SCC-76 "Economics and Management of Risks in Agriculture and Natural Resources" Group. March 30 – April 1, 2017, Pensacola, Florida.
- 2017 **Davidson, K.** (presenter) "Exploring the Use of Behavioral Economics to Improve Meal Diversity." Regional Symposium on Integrating Gender and Nutrition in Agricultural Extension. March 7-8, 2017, Dhaka, Bangladesh.

INVITED AND SELECTED PRESENTATIONS (CONT.)

- 2017 **Davidson, K.** (presenter) “Impacts of Nutrition Messaging on Dietary Diversity in Bangladesh.” University of Florida IFAS Global Forum and Awards Ceremony, February 15, 2017, Gainesville, Florida.
- 2017 **Davidson, K.** (presenter) and J. Kropp. “Nudging to Reduce Rice Consumption and Improve Meal Diversity in Bangladesh.” Invited Symposium: How Nudging, Peers, and Information Influence Food Choices and Health Behaviors, Southern Agricultural Economics Association Annual Meeting, February 4-7, 2017, Mobile, Alabama.
- 2016 **Davidson, K.** (presenter). “Impacts of Nutrition Messaging on Dietary Diversity in Bangladesh.” University of Florida Gender Development Working Group (GDWG), September 19, 2016, Gainesville, Florida.
- 2016 Kropp, J. D. and **K. Davidson** (co-presenters) “Applications of Behavioral Economics in Nutrition.” Department of Rural Sociology and Interdisciplinary Center for Food Security, Bangladesh Agricultural University, Mymensingh, Bangladesh (May, 2016)
- 2015 **Davidson, K.** (presenter). “INGENAES Technology Assessment Guide” University of Florida Gender Development Working Group (GDWG), September 30, 2015, Gainesville, Florida.
- 2015 **Davidson, K.** (presenter). “How to Inspire the Next Generation of Agricultural Economists.” Graduate Student Training Symposium: How to be an Effective Teaching Assistant, Southern Agricultural Economics Association Annual Meeting, February 1-4, 2015, Atlanta, Georgia.
- 2013 Kalberg, K. (presenter), **K. Davidson**, W. Hu, and M. Pan. “Evaluation of the Geographic Impact on Preferences for Aquaculture and Wild Captured Seafood.” Aquaculture 2013 Conference, February 22-25, 2013, Nashville, Tennessee.
- 2012 **Davidson, K.** (presenter). “Seafood Preference Research.” W2004: Marketing, Trade, and Management of Aquaculture and Fishery Resources Annual Meeting, May 22-23, 2012, Cedar Key, Florida.
- 2011 **Davidson, K.** (presenter), M. Pan, W. Hu, and D. Poerwanto. “A Survey of Demand Preferences for Aquaculture across Geographically Distinct Markets.” National Aquaculture Extension Conference, June 5-7, 2011, Memphis, Tennessee.
- 2011 **Davidson, K.** (presenter), M. Pan, W. Hu, and D. Poerwanto. “Measuring the Effect of Socioeconomic Factors on Consumer Preferences for Seafood: A Case Study in Hawaii.” The 4th International Symposia on Stock Enhancement and Sea Ranching, April 21-23, Shanghai, China.
- 2011 Pan, M. (presenter), **K. Davidson**, W. Hu, and D. Poerwanto. “Preference between Wild Capture and Marine Aquaculture Fish in Relation to Geographical Differences.” The 9th Asian Fisheries and Aquaculture Forum, April 21-23, Shanghai, China.
- 2010 **Davidson, K.** (presenter), M. Pan, W. Hu, and D. Poerwanto. “Consumers’ Willingness to Pay for Aquaculture Fish Products vs. Wild Caught Seafood – A Case Study in Hawaii.” The Annual PICES Meeting, North Pacific Marine Science Organization, October 22-31, Portland, Oregon.
- 2009 **Davidson, K.** (presenter) and S. Saghaian. “Perceptions of Regulation and Trade Barriers: How Policy Impacts Agricultural Firms and Food Processors in the Decision to Export.” The Annual Conference of the Food Distribution Research Society (FDRS), October 30-November 4, Broomfield, Colorado.

INVITED AND SELECTED PRESENTATIONS (CONT.)

- 2009 Saghaian, S. (presenter), **K. Davidson**, and M. Reed. "Promoting Agribusiness Trade in Value-added Products." The 19th Annual World Forum & Symposium, International Food & Agribusiness Management Association (IAMA), June 20-23, Budapest, Hungary.
- 2008 **Davidson, K.** (presenter) and L. Maynard. "Consumer-Level Determinants of Wine Purchases in Canadian Restaurants." The Annual Conference of the Food Distribution Research Society (FDRS), October 11-15, Columbus, Ohio.

SELECTED POSTERS

- 2017 **Davidson, K.** and J. Kropp. "The Effect of Price Risk and Market Participation on the Demand for Nutrition Among Agricultural Households in Bangladesh." Selected Poster at the Agricultural and Applied Economics Association Annual Meeting, July 30 – August 1, Chicago, Illinois.

GRANTS

- 2016 "Doctoral Dissertation Research in Economics: Impacts of Nutrition Messaging on Food Choice and Dietary Diversity in Bangladesh" Awarded \$65,000 by USAID Integrating Gender and Nutrition within Agricultural Extension Services (INGENAES)
- 2015 "Pathways and Limitations for Technology Adoption in Bangladesh: An Investigation of Risk Preferences, Gender Sensitivity, and Nutrition Decisions in Fisheries and Aquaculture" Awarded \$3,800 by USAID Integrating Gender and Nutrition within Agricultural Extension Services (INGENAES)

AWARDS

- 2017 William C. and Bertha M. Cornett Fellowship, \$1,500
- 2016 Harold B. Clark Award, \$2,000
- 2015 J.E. Ross International Travel Award, \$1,500

INTERNATIONAL EXPERIENCE

Mymensingh and Borguna, Bangladesh, 2016

Designed and implemented a field experiment using behavioral economics strategies for nutrition interventions

Trained 30 local master's level students to collect meal observation data and household-level survey data for 1,200 research participants

Dhaka and Khulna, Bangladesh, 2015

Conducted semi-structured interviews with men and women in fish farming households

Analyzed qualitative data on gender, nutrition, and technology adoption

Collaborated with development agencies, and government officials on behalf of USAID Integrating Gender and Nutrition within Agricultural Extension Services (INGENAES)

Assisted with a participatory workshop on gender and nutrition in agricultural extension

Shanghai and Beijing, China, 2011

Presented research at the 9th Asian Fisheries and Aquaculture Forum

Visited aquaculture and fisheries facilities

INTERNATIONAL EXPERIENCE (CONT.)

Tsinamdzvriantkari Technical School, Mkteta, Republic of Georgia, 2006

Collaborated with the University of Kentucky's Office for International Programs for Agriculture and the USDA

Composed a budget proposal reviewed by the Georgian Institute of Public Affairs

Founder of the University of Kentucky-Republic of Georgia Summer Internship Program

E.A.R.L. Bonnot of Borgogne, France, 2005

Interned in operations on the Charolais cattle and sheep farm

Experienced agricultural policies and techniques of the European livestock market

ADDITIONAL SKILLS

Software: R, SAS, STATA, LIMDEP Nlogit, Microsoft Word, Excel, Access, PowerPoint, Publisher, Echo360, Adobe Acrobat, Adobe Illustrator, DreamWeaver, Blackboard, Quickbooks

Certificates: University of Tennessee at Martin Instructional Technology Center

"How to Teach Online"

University of Florida Tropical Conservation and Development Program

"Training of Trainers Workshop: Participatory Training for Adult Learners"

Centesimus Annus Pro Pontifice (CAPP-USA) / Catholic University of America

"Certificate in Catholic Social Teaching"

OTHER SCHOLARLY ACTIVITIES

Referee: International Journal on Food System Dynamics
Marine Resource Economics
Southern Agricultural Economics Association
Journal of Development and Agricultural Economics

Committees: University of Florida
Food and Resource Economics Department Seminar Committee, 2015-2016
University of Tennessee at Martin
College of Agriculture and Applied Sciences Award Committee, 2012
Faculty Search Committee, 2012

PROFESSIONAL ORGANIZATIONS

American Economics Association, 2016-current
Agricultural and Applied Economics Association, 2014-current
Catholic Research Economists Discussion Organization, 2013-current
Southern Agricultural Economics Association, 2012-2018
National Agri-Marketing Association, 2011-2012
North American Association of Fisheries Economists, 2011-2012
W2004: Marketing, Trade, and Management of Aquaculture and Fishery Resources, 2010-2012
Hawaii Aquaculture and Aquaponics Association, 2009-2011

LEADERSHIP & COMMUNITY SERVICE

Friends of Fulton County Scholarship Review and Selection Committee, 2012-current
UF Catholic Student Fellowship Student Organization, Faculty Advisor, 2017-2018
UF FRE Graduate Student Organization, President, 2015-2016, Member, 2013-2018
Alliance Française de Gainesville, Treasurer, 2013-2014