



Monday, August 10 Plenary Sessions

Gordon Rausser Keynote Address - LIVE
10:00 am – 11:00 am (CDT)

“Sustainability: The Interface of Food, Agriculture, and the Environment”

A panel discussion with varied perspectives on the economics of sustainability.

Moderator: Keith Coble, Mississippi State University

Panelists:



Shari Rogge-Fidler, Farm Foundation



Sally J. Rockey, Foundation for Food and Agriculture Research



Elena Irwin, The Ohio State University



Emily Johannes, Nestlé USA



Presidential Address - LIVE
2:00 pm – 3:00 pm (CDT)

“Rebalancing OUR Portfolio: Envisioning a more Inclusive, Altruistic and Engaged AAEA”



Dawn Thilmany McFadden, Colorado State University

Awards & Fellows Recognition Ceremony
5:00 pm – 6:00 pm (CDT)

Please join AAEA Awards Committee Chair, Joan Fulton as she presents the virtual 2020 AAEA Awards & Fellows Recognition Ceremony. Each Fellow will give a speech at the end of the ceremony. Congratulations to all of our award winners and Fellows!

Monday, August 10

Invited Paper Sessions

(Presenters available Live after session)

(Invited Paper) The 2018/19 Trade Dispute: Lessons and Impacts on U.S. and Global Agriculture

11:00 am – 12:30 pm (CDT)

Moderator: Robert C. Johannsson, USDA-Office of the Chief Economist

Discussant: Lee Ann B. Jackson, World Trade Org.



This session conducts a comprehensive, one-year, ex post policy and empirical econometric evaluation of the 2018/19 trade war and retaliatory tariffs on U.S. and global agricultural markets.

- Agricultural Export Prices and Volumes: A Monthly Panel-Data Assessment of the 2018/19 Trade War
Jason Grant, Virginia Tech
- Does Trade Policy Uncertainty Affect Agriculture?
Gopinath Munisamy, University of Georgia
- Agricultural Trade Aid: Implications and Consequences for U.S. Global Trade Relationships in the Context of the World Trade Organization
Joseph W. Glauber, International Food Policy Research Institute

(Invited Paper) Gender Data Collection in Africa South of the Sahara

12:30 pm – 2:00 pm (CDT)

Organizer: Carlo Azzarri, International Food Policy Research Institute

Discussant: Ruth Meinzen-Dick, International Food Policy Research Institute

Moderator: Greg Symour, International Food Policy Research Institute

Valid measures of women's empowerment are essential for monitoring progress toward Sustainable Development Goal 5 (gender equality and women's empowerment). One of these measures is the integrated-Women's Empowerment in Agriculture Index (i-WEAI), a novel approach intended to prevent duplication of survey questions and reduce overall survey time. This approach allows for the collection of most WEAI indicators in existing agricultural household surveys while minimizing the number of additional questions required. Alongside measure of women's empowerment, data, information, or analysis on differential gender targeting of agricultural extension is lacking, particularly in a developing-country setting characterized by smallholder farming systems. This data limitation persists despite the need for better information system from governments and their development partners who invest considerable resources in new agricultural technologies and practices targeted to farmers with different characteristics. This session will dive deep into gender data collection in some selected countries in Africa, providing the methodological framework as well as case studies in Mali, Nigeria, Ghana, and Tanzania.

- Integrating Measures of Women's Empowerment in Impact Assessments of Rural Development Projects: Methodology and Pilot Results from Mali
Ruth Meinzen-Dick, International Food Policy Research Institute



- Does gendered targeting of agricultural extension mitigate the effects of weather variability and shocks in sub-Saharan Africa?
Carlo Azzarri, International Food Policy Research Institute
- Explaining the gender gap in profits among entrepreneurs in Malawi
Greg Symour, International Food Policy Research Institute

(Invited Paper) Berckconomics

3:15 pm – 4:45 pm (CDT)

Organizer: Sofia B. Villas-Boas, University of California, Berkeley

Discussant: Andrew Stevens, University of Wisconsin

In August 2019, students and colleagues held a day and a half conference at the University of California at Berkeley to honor the work of AAEA Fellow, Professor Peter Berck, who died two years ago on August 10, 2018. The conference highlighted work in many of the diverse areas Professor Berck contributed to so richly. This Session is designed to give a taste of the papers presented at that memorial workshop and the kind of work that Professor Berck encouraged, and two of the papers are co authored with the late Professor Berck.

BERCKconomics stands for Bonding over Environment, Resources, Coffee, and Kindness.

- Recycling Policies, Behavior and Convenience: Survey Evidence from the CalRecycle Program
Sofia B. Villas-Boas, University of California, Berkeley
- Food, Temperature, Season, Region and Campylobacteriosis in the U.S.
Sandra Hoffmann, USDA-Economic Research Service; Lydia Ashton, University of Wisconsin
- Do Conventional Energy Prices Induce Innovation in Renewable Energy? New Evidence from a Non-Linear Approach
Jill J. McCluskey, Washington State University

Monday, August 10
Concurrent Sessions 1
11:30 am – 1:00 pm

(Presenters available for Q&A after the session using the chatbox on each session page)



(2797) Behavioral & Institutional Economics - Lightning Session 1

Subject Code: Behavioral & Institutional Economics

- Experience, Learning Behavior, and Rural Households' Preferences for Microfinance
Zhao Ding, Sichuan Agricultural University
- Uber for Tractors? Opportunities and challenges of digital tools for tractor hire in India and Nigeria
Thomas Daum, University of Hohenheim
- Agricultural Cooperative Mergers and Efficiency Gains: An ex-ante analysis
Eric Ofori, Kansas State University
- Aspiration formation and ecological shocks: An exploratory analysis in rural Kenya
Martin Paul Tabe-Ojong Jr., University of Bonn
- Investigating Preference Inconsistencies in Incentive Structures that Account for House Money Effects
Qianqian Zhai, Nanjing Agricultural University
- Tenure Security, Institutional Complementarity, and Household Income: China's Double Assets Institutional Reform
Hao Zhang, Nanjing Agricultural University
- Does Self-Monitoring Lead to Better Resource Management? Evidence from Participatory Groundwater Management Program in India
Nishita Sinha, Texas A&M University

(2802) Consumer Preferences and Willingness to Pay for Product Attributes

Subject Code: Demand and Price Analysis

- Consumer preferences for sustainably produced milk in China
Saiwei Li, China Agricultural University
- What Explains Grass-fed Beef Premiums?
Yangchuan Wang, Virginia Tech University
- Is the price for rice right in Nigeria? A Hedonic price model approach
Bailey Peterson-Wilhelm, University of Arkansas
- Got Local? Demand for Milk with Food Miles
Rigoberto Lopez, University of Connecticut
- Consumer preference for the cage-free eggs and the ex-ante welfare effect for laying-hen cage ban
Sohae Oh, North Carolina State University



- Willingness to Pay for Organics and Convenience: Evidence from a Large Sample of U.S. Carrot Buyers
Hanbin Lee, University of California, Davis

(2824) New Topics in Food and Agricultural Policy

Subject Code: Food and Agricultural Policy Analysis

- Effects of electric pumps on farm-level agricultural production and groundwater use in West Bengal
Marie-Charlotte Buisson, IWMI-CGIAR
- System-wide market and welfare effects of a U.S. sugar-sweetened beverages tax
Yunkyung Lee, University of Nebraska - Lincoln
- Economic and Nutrition Impacts of Irrigated fodder in Lemo woreda-Ethiopia
Jean Claude Bizimana, Texas A&M University
- Social Desirability Bias in Farm Animal Welfare Perception Research
Yufeng Lai, University of Minnesota
- Can Free Riding Be Beneficial? Optimal Antimicrobial Use Under Free Riding and Resistance Externalities
Anthony Delmond, University of Tennessee, Martin

(2838) Food Safety and Nutrition - Lightning Session 1

Subject Code: Food Safety and Nutrition

- How Much Are We Valuing Healthy Food Environment: Evidence from Housing Markets
Ruoding Shi, Virginia Tech University
- Thrifty Food Plan Price Index and the Real Value of SNAP
Qingxiao Li, University of Minnesota
- Food Assistance Programs and Healthfulness of Food Choices
Jinglin Feng, Pennsylvania State University
- Low Income and Access to Healthy Food: The Case of Milk
Jeffrey Young, Murray State University
- Attitudes and Perceptions of Middle School Students Towards School Lunch: Food, Staff and Environmental Attributes
Harika Rapolu, Southern Illinois University



(2863) International Trade - Lightning Session 1

Subject Code: International Trade

- Detailed representation and analysis of trade policies in dairy sectors
Alla Golub, Purdue University
- The Effects of Canadian FTAs on the Intensive and Extensive Margins of Agri-Food Trade
Brendan McDougall, University of Guelph
- The Impact of Rising Protectionism on Foreign Direct Investment in Agriculture
Dongin Kim, University of Connecticut
- Measuring the Impact of Sunset Reviews on Agricultural and Food Trade
Sijia Chen, University of Connecticut
- The Environmental Consequences of a Weakening US-China Crop Trade Relationship
Guolin Yao, University of Maryland Center for Environmental Science

(2788) Consumers and Markets

Subject Code: Agribusiness Economics and Management

- Consumer Willingness to pay for Organic and Animal Welfare Product Attributes: Do Experimental Results Align with Market Data?
Yufeng Lai, University of Minnesota
- Predicting Voter Behavior for Animal Welfare and Genetically Modified Organisms Food Labeling Ballot Initiatives
Kelsey Hopkins, Michigan State University
- Maximum Order Size and Market Quality: Evidence from a Natural Experiment
Kun Peng, University of Illinois at Urbana-Champaign
- Pre-Committed Demand for Food in Bangladesh: Implications for Agri-Food Industry Stakeholders
Aleksan Shanoyan, Kansas State University

(2789) Farm Business Management

Subject Code: Agribusiness Economics and Management

- Assessing Efficiency of U.S. Cow-Calf Operations
Hannah Shear, Kansas State University
- Profitability of Forage-Finishing Strategies for Variable Frame Size Cattle
Yangchuan Wang, Virginia Tech University



- Does higher business risk influence financial risk and induce savings among small agricultural operations? Findings from Tennessee
Sudip Adhikari, Tennessee State University

(2796) Behavioral & Institutional Economics - Paper Session 1

Subject Code: Behavioral and Institutional Economics

- (Ir)rational Choice in the Real World: Exploring Relationship between Air Pollution and Preference Reversal
Pin Lu, Michigan State University
- Attribution of Blame in Food Loss and Waste
Norbert Wilson, Tufts University
- Do Ewe See what I See? Evidence of Conspicuous Consumption for Sustainably Labeled Wool Clothing
Kelsey Hopkins, Michigan State University
- Bayesian Information Processing & Livestock Sector Antibiotics Administration
Yanan Jia, Michigan State University

(2801) Consumer Price Responsiveness and Firm Behavior

Subject Code: Demand and Price Analysis

- Comparing methods for estimating price markups: an application to EU food retailing
Maximilian Koppenberg, Technical University of Munich
- African Swine Fever in China: Shocks, Responses, and Implications on Trade
Meilin Ma, Purdue University
- The Impacts of African Swine Fever on Vertical and Spatial Hog Pricing and Market Integration in China
Jian Li, Huazhong Agricultural University
- Consumer Behavior and Salmonella Outbreak in Peanut Butter Industry
Sungtae Eun, Texas Tech University

(2814) Experimental Economics - Paper Session 1

Subject Code: Experimental Economics

- Groups and Socially Responsible Production: An Experiment with Farmers



Martina Vecchi, Pennsylvania State University

- Overcoming quality uncertainty of hybrid maize seeds: An individually-randomized trial of labeling information in Chiapas, Mexico

Gloria Guevara Alvarez, Friedman School of Nutrition Science and Policy

- Subsidizing Agricultural Technology Adoption: An Experimental and Behavioral Economics Approach

Pallavi Shukla, Johns Hopkins University

- Management of timber and non-timber forest products: Evidence from a framed field experiment in Benin, West Africa

Lauriane Yehouenou, University of Florida

(2815) Experimental Economics

Subject Code: Experimental Economics

- Taking a Load Off: Experimental Evidence of Preferences for Control with an Application to Residential Electricity Demand
Christina Korting, Cornell University
- Incentive Alignment and Reward Strength in Pay-for-Performance Contracts
Jose Nuno-Ledesma, University of Guelph
- Information Treatment, Cognitive Load, and Attribute Attendance in Choice Experiments
Yefan Nian, University of Florida
- Using Mixed Logit Based Models to Control Attribute Nonattendance in Choice Experiments
Xumin Zhang, University of Florida

(2823) United States - China Trade Tensions

Subject Code: Food and Agricultural Policy Analysis

- Ex-Post Analysis of the 2018 and 2019 Market Facilitation Programs
Anil Giri, USDA-Economic Research Service
- The U.S.-China Trade war and Impact on Land Returning to Soybean Production from the Conservation Reserve Program
Meongsu Lee, University of Missouri
- Distributional Impacts of MFP on Farm Incomes and Financial Position
Nick Paulson, University of Illinois at Urbana-Champaign
- Inventory Management and Food Loss in the Field: Estimating the Loss of Soybean from the US-China Trade War using a Machine Learning Approach



Lawson Connor, Louisiana State University

(2829) Agriculture, Biofuels, and the Environment

Subject Code: Food and Agricultural Policy Analysis

- The Impact of Glyphosate Availability on Production and Environmental Costs
Ziwei Ye, Michigan State University
- Economic impacts of the U.S. Renewable Fuel Standard: An ex-post evaluation
Farzad Taheripour, Purdue University
- Designing payments for GHG mitigation to induce low carbon bioenergy production
Fahd Majeed, University of Illinois at Urbana-Champaign
- Economic Efficiency of Food Safety Modernization Act: Preventing Illnesses from Contaminated Water
Marziyeh Bahalou Horeh, West Virginia University

(2837) Food Safety and Nutrition - Paper Session 1

Subject Code: Food Safety and Nutrition

- Does the World's Most Ambitious Food Policy Improve Dietary Behavior?
Grace Melo, Pontificia Universidad Catolica de Chile
- How Does the Spillover Effect Affect Food Safety Risk Management of Companies?-Searching New orientations of Food Safety Governance
Yang-chen Xue, Nanjing Agricultural University
- Food Insecurity and the Immigrant Effect
Caroline Norris, Colorado State University

(2846) Agricultural Production and Labor Supply

Subject Code: Household and Labor Economics

- Do Guest Workers Earn more than Domestic Workers? Evidence from Florida's Citrus Industry
Skyler Simnitt, University of Florida
- The Effects of a Declining Farm Labor Supply on California Agriculture
Zach Rutledge, University of California, Davis



- Drought Shocks, Household Risk Sharing and Occupation Choices
Sayahnika Basu, Arizona State University
- Labor Response to Agricultural Productivity Shocks in Developing Countries: Evidence from China
Xuwen Gao, World Bank

(2851) Conflict

Subject Code: International Development

- Neighborhood Violence, Poverty, and Psychological Well-Being
Jeffrey Bloem, University of Minnesota
- Heterogenous effects of conflict on agricultural production patterns: Evidence from Nigeria
Benjamin Avuwadah, University of Florida
- Political Conflicts and Food Price: Evidence from High Frequency Daily Price Data in Bangladesh
Mohammad Mainul Hoque, Bangladesh Institute of Development Studies

(2855) Health and Nutrition

Subject Code: International Development

- Associations between Women's Empowerment and Child Health Status in Ethiopia
Solomon Abreha, University of Insubria
- Sources, intake levels, and shadow prices of essential nutrients in rural Malawi: Evidence from household surveys and market prices reveal the cost of vitamins and minerals
Kate Schneider, Tufts University
- India's Rural Transformation and Rising Overweight Burden
Anaka Aiyar, Cornell University

(2871) Water Resource Valuation

Subject Code: Natural Resource Economics

- Lateral flows in an aquifer and groundwater valuation
Kent Kovacs, University of Arkansas
- Quantifying the economic costs of High Plains Aquifer depletion



Gabriela Perez-Quesada, Kansas State University

- Revealing the Value of Natural Insurance: Groundwater Stocks and Insurance Tradeoffs over the Ogallala

Matthew Sloggy, USDA-Forest Service

(2874) Climate Change

Subject Code: Natural Resource Economics

- The Impact of Carbon Fertilization on Growth in U.S. Forests
Eric Davis, The Ohio State University
- Reckoning climate change damages along an envelope
Emmanuel Paroissien, INRA
- An Evaluation of Soybean Acreage Response to Climate Change and Irrigation Water Sustainability Concern in Eastern Arkansas
Tej Gautam, University of Arkansas

(2879) Land Use

Subject Code: Production Economics

- Crop Rotations and Risk Management in Mississippi Delta Agriculture
Andrew Stevens, University of Wisconsin
- The Impact of Trade War on Agricultural Land Uses: Evidence in the U.S. and Brazil
Karin Wu, University of Wisconsin
- Adoption of Cover Crops under Uncertainty: A Real Options Method
Le Chen, North Carolina State University
- Genetically Modified Rootworm-Resistant Corn, Risk, and Weather: Evidence from High Dimensional Methods
Serkan Aglasan, North Carolina State University

(2887) Productivity Analysis and Emerging Technologies - Paper Session 2

Subject Code: Productivity Analysis and Emerging Technologies

- Outsourcing and Farmland Productivity in Rural China
Qinan Lu, University of Wisconsin



- Misallocation or Measurement Error: Evidence on Agricultural Productivity Gap from Rural Vietnam
Tram Hoang, Michigan State University

(2888) Productivity Analysis and Emerging Technologies - Paper Session 3

Subject Code: Productivity Analysis and Emerging Technologies

- How much crop insurance premium subsidy is too much? Allocative and technical inefficiency in the U.S. cornbelt
Eric Njuki, USDA-Economic Research Service
- Economic consequences of genetically edited technology in U.S. soybean production
Yunkyung Lee, University of Nebraska - Lincoln
- Genetic resources and agricultural productivity in the developing world
Nicholas Tyack, The Graduate Institute Geneva

(2892) Resource and Environmental Policy Analysis - Agriculture 1

Subject Code: Resource and Environmental Policy Analysis

- Conservation Tillage and Crop Profitability: A Causal Analysis of US Corn and Soybean
Bowen Chen, University of Illinois at Urbana-Champaign
- How will changes in Title II of the 2018 Farm Bill Affect CRP Acreage?
Brian Cornish, Auburn University
- The Extent of Environmental Regulation of the U.S. Agricultural Sector
Steven Wallander, USDA-Economic Research Service
- Local irrigation response to ethanol production in the High Plains Aquifer
Amer Al-Sudani, Kansas State University

(2907) Rural/Community Development - Rural/Community Health Issues

Subject Code: Rural/Community Development

- Mental Health Effects of an Old Age Grant: Experimental Evidence for Ekiti State in Nigeria
Maria Natalia Cantet, University of Illinois at Urbana-Champaign
- Could the agrochemical poisoning increase suicide attempts in the Brazilian rural areas? An econometric approach using spatial analysis methods



Adauto Rocha, Universidad de Sao Paulo

- Comparative Assessment of Mental Wellbeing, Social Networks, and Earnings of Haitian and Hispanic Farm Workers in Florida
Gulcan Onel, University of Florida

Monday, August 10
Concurrent Sessions 2
3:15 pm – 4:45 pm

(Presenters available for Q&A after the session using the chatbox on each session page)

(2818) Value of Food Labels

Subject Code: Food and Agricultural Marketing

- Can eco-label certifications for restaurants influence consumer choices away from home?
Yingkai Fang, University of Florida
- Decomposing the Value of Food Labels
Zachary Neuhofer, Purdue University
- The Economics of Information and Redundant Labels in Milk Products
Danielle Ufer, Michigan State University
- Do Plastic Warning Labels Reduce Consumers' Willingness to Pay for Plastic Packaging?
Joanna Van Asselt, University of Florida
- Seafood Date Labels and Consumer's Perception: A Case of Shrimp Products
Julio Cruz, University of Florida
- The Reference Price Effect on Willingness-to-Pay Estimates: Evidence from Eco-labeled Food Products
Xiaohan Wei, University of Tennessee, Knoxville

(2843) Migration

Subject Code: Household and Labor Economics



- Does rural-urban migration experience influence agricultural productivity and efficiency? Evidence from rice production in China
Chao Zhang, Beijing Institute of Technology
- Identifying the Performance of Internal Migrants on Labor Market: Evidence from the Relaxing Household Registration System
Xiaolin Guo, Zhejiang University
- Land Certification and Migration in China
Xinjie Shi, Zhejiang University
- Does access to education affect migration choices and education expenditure? Evidence from Chinese migrant workers in 2013 and 2019
Wen Hu, Shanghai University of Finance and Economics
- How Does Parental Out-Migration Affect Left-Behind Children's Cognitive and Non-cognitive Development? Effect Sizes and Mechanisms
Xiaoman Luo, University of California, Davis
- Does 'Landless' Stimulate Bangladesh Rural Migration under Weather Risk?
Man Li, Utah State University
- Effect of Male Migration on Women's roles in Agriculture in Rural India
Vidya Bharathi Rajkumar, Cornell University
- Household Livelihoods, Employment, and Economy of Forcibly Displaced Myanmar Nationals: Evidence from Household Survey in Bangladesh
Mohammad Mainul Hoque, Bangladesh Institute of Development Studies

(2890) Research Methods/Econometrics/Stats - Lightning Session 1

Subject Code: Research Methods/Econometrics/Stats

- Growth Process of US Agricultural Land Size: Testing the Law of Proportionate Effect
Sherzod Akhundjanov, Utah State University
- An Empirical Analysis of Tobacco Addiction
Vardges Hovhannisyan, University of Wyoming
- Modeling Spatial Price Linkages Using a Threshold SDE Model
Shu Meng, North Carolina State University
- Effects of Regulatory Uncertainty on Coal-fired Power Plants' Investment and Exit Decisions
Wendan Zhang, University of Arizona
- Predicting Daily CBOT Corn Futures Prices using Weather Data
Sriramjee Singh, Iowa State University



(2786) AEM Session

Subject Code: Agribusiness Economics and Management

- Mining the Data to Identify Moral Hazard
Zhaochen Sun, North Carolina State University
- Estimating the Effects of HMR Consumption Increase on Food Industry in Korea Using a Stochastic Multi-sector and Multi-market Equilibrium Displacement Model
Kihwan Yu, Seoul National University
- Farm growth and land concentration
Jana Plogmann, Georg-August-Universität Göttingen

(2787) Extension and Community Development

Subject Code: Agribusiness Economics and Management

- Impact of Agricultural programs on Youth Engagement in Agribusiness: The Case of the Fadama Graduate Unemployed Youths Support Program in Nigeria
Dolapo Adeyanju, International Institute of Tropical Agriculture
- The value of innovation and extension information: The case of SCN-resistant soybean varieties
Seungki Lee, Iowa State University
- Impact of “FarmStarts” on Mitigating Barriers of U.S. Organic Dairy Farming for Beginning Organic Dairy and Feed Producers in Twelve Mid-Western States
Siny Joseph, Kansas State University

(2791) Farm Management

Subject Code: Ag Finance and Farm Management

- Precision Agriculture Technologies and Farm Profitability
Sunil Dhoubhadel, Prairie View A&M University
- Precision Agriculture Technology Usage and Adoption Patterns
Erik Hanson, North Dakota State University
- Payment versus Charitable Donations to Attract Producer Survey Participation
Sapana Bastola, Louisiana State University
- Do Illinois Farmers Follow University-Based Nitrogen Recommendations?
Sarah Sellars, University of Illinois at Urbana-Champaign



(2803) Effects of Taxes and Media on Demand for Food and Tobacco

Subject Code: Demand and Price Analysis

- Effect of Taxes on Cigarette Demand When Quantity and Quality Are Modelled: Evidence from Indonesia
Susan Olivia, University of Waikato
- The Impact of Soda Taxes in the U.S.: Empirical Evidence and Comparison Across Jurisdictions
Hairu Lang, University of California, Davis
- Effect of taxes and costly regulations on the market for cannabis from licensed retailers
Daniel Sumner, University of California, Davis

(2808) Climate Change and Conservation in Agriculture

Subject Code: Environmental and Nonmarket Valuation

- Climate Change, Technology Use and Maize Production in West Africa
Prince Maxwell Etwire, CSIR-Savanna Agricultural Research Institute
- Environmental Recovery after the Dust Bowl: Implication of Land Conservation Programs in the Great Plains
Aparna Howlader, University of Illinois Urbana-Champaign
- An empirical estimate of value of manageable soil quality
Michael Black, Texas A&M University

(2809) Environmental and Nonmarket Valuation

Subject Code: Environmental and Nonmarket Valuation

- Benchmarking Conservation: A Benefit-Cost Analysis of Campus Pollinator Initiatives
Jerrold Penn, Louisiana State University
- The Impacts of Heat and Air Pollution on Mortality in the United States
Zeying Huang, Michigan State University
- Conservation Easement Landowners' WTA Compensation to Manage their Forest
Ana Gutierrez, Louisiana State University

(2811) Environmental Pollution and Ecosystem Services

Subject Code: Environmental and Nonmarket Valuation



- The Effect of Power Plant Closure on Local Air Quality
Jason Brown, Federal Reserve Bank of Kansas City
- Power Plants, Air Pollution, and Health in Colombia
Pablo Ordoñez, University of Illinois at Urbana-Champaign
- Does preference heterogeneity over ecosystem services and peer-effect determine the private control of public bads? Evidence from a choice-experiment with forest landowners
Shadi Atallah, University of New Hampshire

(2825) U.S. Food Assistance Programs: Dimensions and Issues

Subject Code: Food and Agricultural Policy Analysis

- The Effect of Sprawl Development on Grocery Store Location and Food Access
Stephanie Schauder, Cornell University
- Rural-Urban Difference in Supplemental Nutrition Assistance Program Participation with Medicaid Expansion
Bidisha Mandal, Washington State University
- The Effect of SNAP on Dietary Quality: Evidence from FoodAPS
Kaidi Wu, Michigan State University
- How Households Waste Food at Home: Estimating Household Food Waste in a Dynamic Decision Model under Uncertainty
Danyi Qi, Louisiana State University

(2828) Emerging Issues in Livestock Management, Farm Policy, and International Trade

Subject Code: Food and Agricultural Policy Analysis

- Do state-level agricultural promotion programs increase agricultural output? The case of the Livestock Friendly County designation program in Nebraska
Cicely Batie, University of Nebraska - Lincoln
- Utilizing the Dual Use Insurance Option for Stocker Cattle
Myriah Johnson, National Cattlemen's Beef Association
- Does Modern Biotechnology Make a Difference? A Comparison of the Impact of GMOs on Owner Operator Income between the EU and the USA
Yan Jin, Wageningen Univeristy
- A Dynamic Model of U.S. Beef Cattle
Dinesh Reddy Poddaturi, Iowa State University



(2835) Agricultural Productivity and Policy in Developing Countries

Subject Code: Food and Agricultural Policy Analysis

- A revisit of farm size and productivity: Empirical evidence from a wide range of farm sizes in Nigeria
Oluwatoba Omotilewa, African Development Bank
- Urgent Yet Ineffective? The Welfare Impacts of Potato Price Stabilization in Peru
Chris Boyd Leon, University of Minnesota
- The Net Effect of the Technical Non-Tariff Measures in OECD countries on African Exports of Plant Products
Ousmane Z Traoré, Laval University
- Development Assistance and Factor Markets in Nigeria: An Application of the Test of Agricultural Household Separability
Didier Alia, University of Washington

(2849) Industrial Org./Supply Chain Management

Subject Code: Industrial Org./Supply Chain Management

- The Price Effects of Milk Supply Control in the U.S. Dairy Industry
Yuliya Bolotova, Clemson University
- Processor-Retailer Relationship and the Marketing Margin: Explaining the Rising Farm-Retail Spread of U.S. Beef during 2011-16
Meilin Ma, Purdue University

(2856) Misallocation

Subject Code: International Development

- Internal constraints to risk-sharing and demand for insurance: A lab-in-the-field analysis in Ghana
Richard Gallenstein, The Catholic University of America
- Are credit constraints limiting demand for electricity among rural consumers? Evidence from Rwanda
Megan Lang, University of California, Berkeley
- Identifying effective incentive mechanisms for smallholder farmers to exploit inter-seasonal price arbitrage opportunities for grain legumes: Experimental evidence from Malawi



Tabitha Nindi, Purdue University

- “Sell Low, Buy High?” - A New Explanation for a Persistent Puzzle
Lila Cardell, University of Illinois at Urbana-Champaign

(2857) Technology Adoption and Uncertainty

Subject Code: International Development

- Climate Change and the Formation of Risk and Time Preferences: A Panel Data Study of Rice Farmers in Bangladesh
W. Parker Wheatley, St. John's University
- The demand for (fake?) fertilizer: Using an experimental auction to examine the role of beliefs on agricultural input demand in Tanzania
Benjamin Norton, University of Illinois at Urbana-Champaign
- The inverse farm size-productivity relationship under land size mis-measurement and in the presence of weather and price risks: Panel data evidence from Uganda
Edouard Mensah, University of Georgia
- The Long-Term Effects of Relaxing Information and Credit Constraints on Adoption, Retention, and Soil Perceptions: Evidence from a Randomized Experiment in Tanzania
Abdulrazzak Tamim, McGill University

(2864) International Trade - Paper Session 2

Subject Code: International Trade

- The Effect of Trump's Trade War on the 2018 Congressional Election: Did China's Soy Tariffs Affect Republican Vote Share?
Asanka Wijesinghe, The Ohio State University
- Modern Time Trade Wars: Chinese Retaliatory Tariffs vs California's Tree Nuts industry
Serhat Asci, California State University, Fresno
- Trade War and Incomplete Labeling Regulation: Lose-Lose Situation for U.S. Consumers
Nathalie Lavoie, University of Massachusetts Amherst
- The Impact of the 2018 Trade War on Agricultural and Food Trade
Sandro Steinbach, University of Connecticut

(2865) International Trade - Paper Session 3



Subject Code: International Trade

- The Nexus between Natural disasters, Supply Chains and Trade – Revisiting the Role of FTAs in Disaster Risk Reduction
Risti Permani, Deakin University
- Impact of Climate Change on Global Agricultural Trade through Yield Variations
Miguel Carriquiry, Universidad de la República, Ciencias Economicas
- Can Trade Liberalization in Agricultural Products Mitigate the Effect of Climate Change on Civil Strife?
Sahar Yousef, The Ohio State University

(2869) Biodiversity Management

Subject Code: Natural Resource Economics

- The consumers' role for marine biodiversity
Kira Lancker, Leipzig University
- Optimal Control of Mountain Pine Beetle Under Different Climate Scenarios: A Spatiotemporal Bioeconomic Model
Dennis Gray, University of Alberta
- Optimal forest rotation and invasive species control when damages are heterogeneous
Clayton Michaud, University of New Hampshire

(2872) Water Resource Modeling

Subject Code: Natural Resource Economics

- Groundwater Under Open Access: A Structural Model of the Dynamic Common Pool Extraction Game
Louis Sears, Cornell University
- Optimal groundwater augmentation through managed aquifer recharge and on-farm reservoir under uncertainty and risk
Dat Tran, University of California, Riverside
- Impacts of conservation policy and water-saving technology in irrigation energy cost in the Mississippi River Alluvial Aquifer (MRAA)
Dependra Bhatta, Louisiana State University
- State Regulatory Heterogeneity and Clean Water Act Compliance
Levan Elbakidze, West Virginia University



(2896) Resource and Environmental Policy Analysis - Energy 1

Subject Code: Resource and Environmental Policy Analysis

- Firm Behavior Under Unanticipated Change in Regulation: Power Plant Emissions During the 2018-2019 Federal Government Shutdown
Ruohao Zhang, Binghamton University
- Effects of State and Federal Policy on Renewable Electricity Generation
Jeffrey Mullen, University of Georgia
- How does the Coastal Housing Market View Flood zone-A Risk Signal or Mandatory Costs?
Zhenshan Chen, University of Connecticut

(2897) Resource and Environmental Policy Analysis - Regulation 1

Subject Code: Resource and Environmental Policy Analysis

- Can embedded knowledge of pollution prevention techniques reduce greenhouse gas emissions?
Sangyoul Lee, University of Florida
- Property Tenure and Determinants of Sensitivity to Price and Non-Price Conservation Instruments
Bryan Pratt, USDA-Economic Research Service
- Do Safety Inspections Improve Safety: Evidence from the Safety Inspection Program for Commercial Motor Vehicles
Yuanning Liang, Cornell University
- Water Supply Planning in a Thirsty Region: Experiences from Florida
Tatiana Borisova, University of Florida

(2902) Risk and Uncertainty

Subject Code: Risk and Uncertainty

- Agricultural Input Use and Index Insurance Adoption: Concept and Evidence
Gaurav Arora, Indraprastha Institute of Information Technology
- Nudge to Insure: Can Informational Nudges Increase Enrollment in Pasture, Rangeland and Forage Rainfall Index Insurance?
Kelly Davidson, University of Delaware
- Crop Insurance Decision under Expected Revenue
Shuoli Zhao, University of Kentucky



Tuesday, August 11 Plenary Sessions

Fellows Address - Live
10:00 am – 11:00 am (CDT)

“Overcoming Global Food Security Challenges Through Science and Solidarity”

Chris Barrett, Cornell University



Galbraith Forum - Live
3:00 pm – 4:00 pm (CDT)

“Did Globalization Fail Us?”

Dani Rodrik, Ford Foundation Professor of International Political Economy, Harvard Kennedy School, Harvard University



Tuesday, August 11 Invited Papers

(Presenters available Live after session)

(Invited Paper) The Influence of Climate Events on Economic Outcomes in Developing Countries: Rural Labor and Food Price Dynamics



11:00 am – 12:30 pm (CDT)

Organizer/Moderator: Jose Nuno-Ledesma, University of Guelph

Discussant: Juan Pablo Sesmero, Purdue University

The session features research illuminating the role that climate has in the determination of economic outcomes in developing countries. The focus is in food price dynamics and rural workforce participation.

- Blame it on the Rain: The Effects of Weather Shocks on Rural Formal Employment in Colombia
Camilo Bohorquez-Penuela, Banco de la República de Colombia
- Geographical constraints for using international trade to stabilize domestic markets in the presence of cross-country correlated supply shocks
Nelson B. Villoria, Kansas State University

Invited Case Studies

12:30 pm – 1:30 pm (CDT)

- Investing in a High Speed Grain Handling Facility in Kansas, is it feasible?
Pedro M. Masi, Kansas State University

(Invited Paper) Time Poor: Temporal Factors in Food Acquisition Among Resource-Limited Households in the USA

1:30 pm – 3:00 pm (CDT)

Organizer: Anne Byrne, Cornell University

Discussant/Moderator: Joshue Berning, Colorado State University

Time costs and constraints are important parameters in consumer food demand, especially among resource limited households. This session builds on traditional food demand analysis characterized by price and income effects by examining the impact of time costs and monthly cycles in food demand.

- Monthly Cycles in Food Pantry Use: Evidence from Pantry Client Panel Data
Anne Byrne, Cornell University
- The Quality of the Food Retail Environment When Consumers May Be Mobile
Parke E. Wilde, Tufts University



Tuesday, August 11
Concurrent Sessions 3
11:30 am – 1:00 pm

(Presenters available for Q&A after the session using the chatbox on each session page)

(2792) International Finance

Subject Code: Ag Finance and Farm Management

- The Impact of New Rural Pension Program on Rural Household Assets Allocation in China: Evidence from CHFS
Shixian Zhai, China Agricultural University
- Did Digital Inclusive Finance Improve Incomes for both Rural and Urban Households and Reduce Rural–Urban Income Inequality in China?
Dan Liu, Nanjing Agricultural University
- An application of geographically weighted quantile LASSO to weather index insurance design
Daniel Lima Miquelluti, Universidade de Sao Paulo Brazil
- Access to credit and heterogeneous effects on agricultural technology adoption: Evidence from large rural surveys in Ethiopia
Mekdim Regassa, University of Bonn
- Agricultural Commodity Futures Markets in China: Price Discovery or Not?
Jing Yi, Cornell University

(2824) New Topics in Food and Agricultural Policy

Subject Code: Household and Labor Economics

- Effects of electric pumps on farm-level agricultural production and groundwater use in West Bengal
Marie-Charlotte Buisson, IWMI-CGIAR
- System-wide market and welfare effects of a U.S. sugar-sweetened beverages tax
Yunkyung Lee, University of Nebraska - Lincoln
- Economic and Nutrition Impacts of Irrigated fodder in Lemo woreda-Ethiopia
Jean Claude Bizimana, Texas A&M University



- Social Desirability Bias in Farm Animal Welfare Perception Research
Yufeng Lai, University of Minnesota
- Can Free Riding Be Beneficial? Optimal Antimicrobial Use Under Free Riding and Resistance Externalities
Anthony Delmond, University of Tennessee, Martin

(2852) International Development - Lightning Session 1

Subject Code: International Development

- Land Rights and Migration in Vietnam
Linh Nguyen, University of Notre Dame
- Venezuelan Exodus: The Effect of Mass Migration on Labor Market Outcomes
Julieth Santamaria, University of Minnesota
- The spillover effects of seed producer groups on non-member farmers in local communities in Nepal
Kate Vaiknoras, Virginia Tech University
- Decentralization and Elections in Burkina Faso
Laura Meinzen-Dick, University of California, Davis
- Bribe by Bargaining: The Highway Corruption in West Africa
Kangli Li, University of Wisconsin
- The Impact of Education Reforms on Household Adult Welfare Outcomes in Ethiopia: The 1994 Free Primary Education (FPE) Reform
Celestine Siameh, University of Minnesota

(2868) Energy, Land, and Water Lightning

Subject Code: International Development

- Hydraulic Fracturing and Agricultural Productivity: Evidence from California By Wai Yan, Siu and Sherzod Akhundjanov
Wai Yan Siu, Utah State University
- Endogenous Institutional Change on First Nations Reserves: Selecting into the First Nations Land Management Act
Liam Kelly, University of Guelph
- Global Diets and Demand for Calories from Crops
Ronald Sands, USDA-Economic Research Service
- Windfalls or wind falls? The Local Effects of Turbine Development on US Agricultural Land Values



Nicholas Pates, University of Kentucky

- Groundwater level and crop choice: Evidence from a dynamic discrete choice model
Haoying Wang, New Mexico Tech

(2893) Resource and Environmental Policy Analysis - Lightning Session 1

Subject Code: Resource and Environmental Policy Analysis

- Beyond Lights: The Changing Impact of Rural Electrification in Indian Agriculture
Sudatta Ray, Stanford University
- Does Competition for Conservation Rebate Work? Theory and Empirics
Chi Ta, University of Illinois at Urbana-Champaign
- The Ex Ante Price Information Effect on Water Conservation: A Case Study of Taipei's Water Tariff Adjustment
Gi-Eu Lee, West Virginia University
- Quantifying Co-Benefits of Water Quality Policies: An Integrated Assessment Model of Nitrogen Management
Weizhe Weng, SUNY Geneseo
- Health Effects of Sustained Exposure to Fine Particulate Matter: Evidence from India
Sangeeta Bansal, Jawaharlal Nehru University
- What Lies Beneath? An Analysis of "Time of Sale" Well and Septic Inspection Failures
April Athnos, Michigan State University

(2785) Production and the Environment

Subject Code: Agribusiness Economics and Management

- Effects of CO₂ and Climate on Rice Yields over time
Yu-Kai Huang, Texas A&M University
- Investigating the Economic Effect of Plant Growth Regulators on Shrub Maintenance: A Forecasted Partial Cost Analysis
Jose Velasco Ortiz, Purdue University
- How do input and output markets respond to droughts and drought induced water curtailments? A dynamic partial equilibrium study in Washington State
Hao Li, Washington State University

(2793) Farmland Markets and Credit



Subject Code: Ag Finance and Farm Management

- Do Aggressive Business Growth Strategies Lead to Bank Failure? An Application of the Sustainable Growth Challenge Paradigm to Banking Failures of the Late 2000s Great Recession
Maoyong Zheng, University of Georgia
- Testing the no-bubble condition without a structural valuation model: The case of Iowa farmland
Tor Tolhurst, University of California, Davis
- Old Order Amish Population Growth and New York Farmland Markets
Youwei Yang, Cornell University

(2794) Farm Income and Risk

Subject Code: Ag Finance and Farm Management

- Drivers of Farm Profitability in Iowa
Wendiam Sawadgo, Iowa State University
- Farm-Household Consumption and the Riskiness of Farming
David Williams, Purdue University
- Farm- or area-based insurance? New insights from satellite data
Matthieu Stigler, Stanford University

(2798) Behavioral & Institutional Economics - Paper Session 2

Subject Code: Behavioral & Institutional Economics

- “Elections have Consequences”: Partisan Politics are Literally Killing Us
Alexander Maas, University of Idaho
- Effects of Health Insurance Expansions on Non-health Consumption of Low-Income Households
Thadchaigeni Panchalingam, The Ohio State University
- Evaluating the Effects of Peer Information and Social Influence on Food Purchase in Social Settings
Melissa Langer, University of Delaware

(2817) Innovations in Analytical Methods Used to Analyze Consumer Behavior

Subject Code: Food and Agricultural Marketing

- Online Grocery Retailing as a Tool for Price Discrimination



Xiangwen Kong, University of Minnesota

- Reminder Nudge, Attribute Nonattendance, and Willingness to Pay in a Discrete Choice Experiment
Girma Kassie, ICARDA
- Would a Supermarket Cart Nudge Designed to Stimulate Fruit and Vegetable Consumption Crowd-Out Consumption of Other (Food) Products? A Supermarket Experiment Approach
Sanghyo Kim, Korea Rural Economic Institute

(2826) Food Security and Climate Around the World

Subject Code: Food and Agricultural Policy Analysis

- The adoption of climate-smart agricultural practices and their impact on food security in China
Zhihui Liang, Huazhong Agricultural University
- Extreme Weather and Food Security: The Case of Malawi
Mayra Saenz, University of Illinois at Urbana-Champaign
- Evaluating Food Policy Options in Bangladesh: Economy-wide Analysis Under Uncertainty
Angga Pradesha, International Food Policy Research Institute
- Risk and Climate change: Evidence from historical rice yield trials in India
Sandip Agarwal, Indian Institute of Science Education and Research, Bhopal

(2834) Hot Topics in Domestic Crop Production

Subject Code: Food and Agricultural Policy Analysis

- The Response of Corn Futures to USDA Corn Production Forecasts: Impacts and Implications Concerning Market Efficiency
Linwood Hoffman, USDA-Economic Research Service
- Rescuing the Decoupling Literature from Incomparable Chaos
Scott Gerlt, University of Missouri-Columbia
- Estimating the spatially heterogeneous elasticities of land supply to U.S. crop agriculture
Shourish Chakravarty, Purdue University

(2842) Safety Net Programs

Subject Code: Household and Labor Economics



- Timing of SNAP Payment and Crime Rate in the U.S.
Licheng Xu, University of Wisconsin
- The Impact of the Affordable Care Act Depended Coverage Expansion on Young Adults' Income, Health Care Utilization and Expenditure
Rui Chen, Auburn University
- Time in labor force, domestic violence, and women's empowerment
Aditi Kadam, University of Georgia

(2858) New Approaches to Measurement Error

Subject Code: International Development

- Measurement error, validation data, and program evaluation
Joshua Deutschmann, University of Wisconsin
- Beyond the "inverse relationship": Area mismeasurement affects actual productivity, not just how we understand it
Stephen Morgan, University of Florida
- Do Fertilizer Subsidies Improve Soil Quality: Myopic vs. Dynamic Analysis of Smallholder Farmers in Ghana
Joanna Van Asselt, University of Florida
- Does Unobserved Land Quality Bias Separability Tests?
Jarrad Farris, USDA-Economic Research Service

(2866) International Trade - Paper Session 4

Subject Code: International Trade

- Institutional Determinants of Market Concentration and Trade in a General Equilibrium Framework
Joy Das, Decision Innovation Solutions
- EU–Mercosur Free Trade Agreement: Implications for Agriculture
Yuri Calil, Texas A&M University
- Impacts of Trade Agreements on U.S. Beef Exports and Agribusinesses
Grace E. Grossen, USDA-Economic Research Service

(2875) Land use, Conservation, and Conflict

Subject Code: Natural Resource Economics



- The critical role of conversion cost and comparative advantage in modeling agricultural land use change
Xin Zhao, Joint Global Change Research Institute, PNNL
- Effect of Nuclear Power Plants on local crop yields
Daniyar Zhumadilov, North Carolina State University
- Do Property Rights Institutions Mitigate Drought-Induced Conflict?
Nicholas Potter, Washington State University
- Conservation Practice Adoption and On-field Resource Concerns
Andrew Rosenberg, USDA-Economic Research Service

(2882) Technical Efficiency

Subject Code: Production Economics

- Sustainable Pest Management Under Uncertainty: A Dynamic Bioeconomic Analysis of Lowbush Blueberry Production
D. Adeline Yeh, Cornell University
- Measuring and Achieving World Agricultural Convergence
Binlei Gong, Zhejiang University
- A stochastic techno-economic analysis of aviation biofuel production from pennycress seed oil
Jeremiah Stevens, Purdue University
- Global Yield Distributions since 1960
Nathan Hendricks, Kansas State University

(2883) Global Topics in Production Agriculture

Subject Code: Production Economics

- Group Heterogeneity and the Economic Effect of Farmer Organization Participation: Evidence from Taiwan
Min-Han Tsai, National Taiwan University
- Coffee Price Shock and Local Economic Performance: Evidence from Colombia
Raul Velilla, Federal University of Viçosa
- Supply response of staple food crops in the presence of policy distortions: Some evidence from India
Jaweriah Hazrana, ICAR-NIAP



(2888) Productivity Analysis and Emerging Technologies - Paper Session 3

Subject Code: Productivity Analysis and Emerging Technologies

- How much crop insurance premium subsidy is too much? Allocative and technical inefficiency in the U.S. cornbelt
Eric Njuki, USDA-Economic Research Service
- Economic consequences of genetically edited technology in U.S. soybean production
Yunkyung Lee, University of Nebraska - Lincoln
- Genetic resources and agricultural productivity in the developing world
Nicholas Tyack, The Graduate Institute Geneva

(2889) Resource and Environmental Policy Analysis - Water 1

Subject Code: Resource and Environmental Policy Analysis

- Flood Your Neighbors: The Economic Impacts of Levee Building
Haoluan Wang, University of Maryland
- Subsidies vs. subsidies in the conservation of common property groundwater resources
Mani Rouhi Rad, Clemson University
- The Clean Water Act and CAFOs: Effects of Regulatory Avoidance on Productivity
Chen-Ti Chen, Iowa State University

(2900) Resource and Environmental Policy Analysis - Water 2

Subject Code: Resource and Environmental Policy Analysis

- Water Quality Trading Feasibility and Additionality in the Chesapeake Bay Watershed: A Partial Equilibrium Model
Natalie R Loduca, Purdue University
- Groundwater Quality and Crop Choice: Implications for the Cost of Seawater Intrusion
Molly Van Dop Sears, University of California, Berkeley
- Agricultural Water Rights Reforms and Irrigation Water Demand: Evidence from Household Panel Data in China
Yi Cui, Renmin University of China

(2904) Risk and Uncertainty - New Topics and Methods

Subject Code: Risk and Uncertainty



- Yield and price dependence structure: A copula-based model of French farm income
Meryem Bousebata, Inria
- Trading Risk for Ambiguity: Consumption versus Health under Pesticide Application
Daniel Voica, Massey University
- The Scope of Risk Pooling
Daniel Putman, University of California, Davis

(2908) Rural/Community Development - Impacts of New Technologies, Institutions, and Anti-Poverty Programs in China

Subject Code: Rural/Community Development

- Moving to Opportunity: The Effects of the Targeted Poverty Alleviation Relocation Program in China
Li Zhang, Renmin University of China
- The joint effects of ICT adoption and access to credit on household income in China
Yubing Fan, Texas A&M AgriLife Research
- Combating Poverty and Inequality: Social Network Structure, Microfinance Performance and Poverty Alleviation Effects
Benjian Wu, Minzu University of China

Tuesday, August 11
Concurrent Sessions 4
1:15 pm – 2:45 pm

(Presenters available for Q&A after the session using the chatbox on each session page)

(2906) Rural/Community Development - Lightning Session 1

Subject Code: Rural/Community Development

- Does Internet use help increase residents' participation in programs to improve the living environment? Evidence from China
Xueting Wang, Huazhong Agricultural University
- Rural Minimum Living Standard Guarantee (Rural Dibao) Program Boosts Children's Education Outcomes in Rural China



Zixuan He, China Agricultural University

- Impact of off-farm employment on household clean energy consumption in rural China: A gender perspective

Huayi Chang, Huazhong Agricultural University

- The adoption of organic soil amendments and farm economic performance: Evidence from wheat production in China

Hongyun Zheng, Huazhong Agricultural University

- Sustainable Development Model of China's Rural Financial Inclusion and its Effects: A Case Study of Yueqing Rural Commercial Bank

Yubo Zhuo, Zhejiang University

- Evolutionary Path and Mechanism of Village Revitalization: A Case Study of Yuejin Village, Jiangsu, China

Longjiao Wen, Jiangsu University of Technology

(2911) Teaching, Communication, and Extension - Lightning Session 1

Subject Code: Teaching, Communication, and Extension

- Can an AI figure out whether an AI can take my job? Structural Blueprint for AI-generated Academic Papers in Economics
Dana Golden, USDA-Economic Research Service
- Curious or not? A study of students' perceptions on curiosity dimensions
Rachna Tewari, University of Tennessee Martin
- Estimation of Feasibility and Economic Impacts of Proposed Native American Land Grant College in the State of Nevada
Thomas Harris, University of Nevada, Reno
- Economics of student retention behavior in higher education
Rezwanul Parvez, Colorado State University
- Retaining and Incentivizing Public Workers in Remote Areas: A Choice Experiment Design with Agricultural Extension Agents in Ethiopia
Mekdim Regassa, University of Bonn
- The Enduring Pursuit of Public Science at U.S. Land Grant Universities
Jeremy Foltz, University of Wisconsin
- The role of Extension Agricultural Economist in enhancing farm management education and farm profitability through innovative education
Matthew Stockton, University of Nebraska-Lincoln



(2804) Information and Announcement Effects in Commodity Markets

Subject Code: Demand and Price Analysis

- The 2019 Government Shutdown Increased Uncertainty in Major Agricultural Commodity Markets
Raghav Goyal, University of Georgia
- Cattle Cycle Dynamics in a Modern Agricultural Market: Competition in Holstein Cattle Procurement
Melissa McKendree, Michigan State University
- Time-Varying Storage Announcement Effect in Natural Gas Market
Sara Farhangdoost, West Virginia University
- Market Uncertainty and Sentiment around USDA Announcements
Nguyen Que An Cao, University of Bonn

(2810) Valuing, Protecting, and Managing Water

Subject Code: Environmental and Nonmarket Valuation

- Estimation of the preferences for the intertemporal services from groundwater
Kent Kovacs, University of Arkansas
- Transaction Costs and Household Adoption of Stormwater Best Management Practices
Tom Ndebele, Clark University
- The Consequences of Source Water Protection Grants: Evidence from the Minnesota Clean Water Fund
Xibo Wan, Iowa State University

(2812) Valuation of Recreation, Conservation, and Water

Subject Code: Environmental and Nonmarket Valuation

- Early Exposure to Nature and Willingness-To-Pay for Conservation
Liqing Li, University of Illinois at Urbana-Champaign
- Valuation of Environmental Resources: Structural Estimation with Recreation Demand and Contingent Valuation Data for Consistent Welfare Measurement
Xiang Bi, University of Florida



(2820) Modernizing Food Markets in Developing Countries

Subject Code: Food and Agricultural Marketing

- The groundnuts Fairtrade arrangement and its spillover effects on agricultural commercialization and household welfare outcomes: Empirical evidence from central Malawi
Stevier Kaiyatsa, Lilongwe University of Agriculture and Natural Resources
- Quantifying the U.S. market response to the African swine fever outbreak in China
Christopher Pudenz, Iowa State University
- Do transaction costs prevent smallholder's participation in Supermarket? Empirical Evidences from India
Vishnu Kedar, Christ University, India
- Private Enforcement Mechanisms and Contract Stability in Agri-food Supply Chain: An Empirical Evidence from China
Jing Hou, Jiangsu Normal University

(2830) Nutrition and Consumer Purchasing Behavior

Subject Code: Food and Agricultural Policy Analysis

- The nutritional impact of policies: reduced form models versus demand systems
Luis Sandoval, Zamorano University
- Consumer Purchasing Response to Mandatory Genetically Engineered Labeling
Elizabeth Thomas, Mississippi State University
- Effect of Mandatory Front-of-package Nutrition Warning Labels on Healthy Food Choices
Yu Na Lee, University of Guelph

(2831) Sin Taxes and and their Welfare Implications

Subject Code: Food and Agricultural Policy Analysis

- Estimating the Effects of E-cigarette Taxes on the Consumption and Price of E-cigarettes with a Generalized Synthetic Control Approach
Xueting Deng, University of Kentucky
- The Impacts of Soda Taxes in U.S. Localities
Ezgi Cengiz, University of Massachusetts Amherst
- Distributional Income Level Effects of a Meat Tax: Results from a Basket-Based Choice Experiment



Alison Grant, Purdue University

(2833) Food Retail Markets: Economic Impacts of Food Policies

Subject Code: Food and Agricultural Policy Analysis

- Impact of WIC EBT implementation on retailer participation and sales
Charlotte Ambrozek, University of California, Davis
- Cash transfers and consumption of healthy and unhealthy food: evidence from tax refunds
Binod Khanal, University of Connecticut
- A Baseline Assessment of School Food Spending and Local Procurement Related to the Passage of CO HB19-1132 "School Incentives to Use Colorado Food and Producers"
Erin Love, Colorado State University

(2840) Food Safety and Nutrition - Paper Session 3

Subject Code: Food Safety and Nutrition

- Income, Urbanization, and Consumption of Processed Foods: Implications for Nutrition and Health Policies for India
Khondoker Mottaleb, International Maize and Wheat Improvement Center
- Can shorter mothers have taller children? Nutritional mobility, health equity, and the intergenerational transmission of relative height
Amelia Finaret, Allegheny College

(2845) Land Use and Off-Farm Employment Decisions

Subject Code: Household and Labor Economics

- Chinese Farmers' Preference for Rural Homestead Land Use: Mechanism, Knowledge and Perception
Qiuji Zheng, University of Alaska Anchorage
- Land certification, rental market participation and dynamics of income structure in rural China
Licheng Xu, University of Wisconsin
- The impact of productive safety nets and index-based insurance on labor allocation decisions: A comparative analysis from East Africa
Tekalign Gutu Sakketa, University of Bonn
- Is mechanization in agriculture curse or blessing for the rural labor market in Bangladesh?
Md. Fuad Hassan, University of Bonn



(2853) Growth and Productivity

Subject Code: International Development

- Economic Growth and Deforestation in Developing Countries: Is the Environmental Kuznets Curve Hypothesis Still Applicable? Evidence from a Panel of Selected African Countries
Bolarinwa Ajanaku, West Virginia University, Morgantown
- Productivity dispersion and persistence among the world's most numerous firms
Casey Maue, Stanford University
- New Growth Accounting
Binlei Gong, Zhejiang University

(2860) Spillovers and Collective Action

Subject Code: International Development

- Investigating the Inclusive-Performance Tradeoff in Agricultural Cooperatives: Evidence from Nepal
Scott Miller, University of Florida
- Collective action and smallholder rural households: Implications for income and asset aspirations
Martin Paul Tabe-Ojong Jr., University of Bonn
- Understanding the Mechanisms for Spillover Effects from Medium Scale Farms to Smallholder Farms in Africa: Evidence from Nigeria
Ahmed Salim Nuhu, Michigan State University

(2862) International Trade - Paper Session 1

Subject Code: International Trade

- Exploring the effect of Chief Executive social media engagement on agricultural commodity prices
Justin Benavidez, Texas A&M University
- The role of international trade in wheat supply resilience
Guolin Yao, University of Maryland Center for Environmental Science

(2870) Forestry Management



Subject Code: Natural Resource Economics

- Modeling and predicting forest movement: An analysis of timber market and climate change
Bingcai Liu, The Ohio State University
- The Impact on Deforestation of Transparent and Near-Real Time Information about Forest Change
Fanny Moffette, University of Wisconsin
- Can Markets Save the Brazilian Forests?
Guilherme DePaula, Iowa State University
- A forest model inter-comparison project (For-MIP) to assess the future of forests under climate, policy and technological stressors
Adam Daigneault, University of Maine

(2877) Livestock and Dairy Production

Subject Code: Production Economics

- Exploring the Determinants of Perceived Benefits of Rotational Grazing in the U. S. Great Plains
Iftekhar Uddin Ahmed Chowdhury, South Dakota State University
- The changing role of veterinarians in the use of medically important antibiotics in cattle production
Christine Whitt, USDA-Economic Research Service
- Utilizing Soil Attributes to Improve Existing U.S. Crop Insurance Product Rating
Francis Tsiboe, Kansas State University
- Productivity Impacts of Agricultural Water under Weather Variability: Irrigation Development Program in Ethiopia
Maria Vracholi, Technical University of Munich

(2878) Production Economics

Subject Code: Production Economics

- Profitability and Efficiency of U.S. Cow-Calf Farms
Richard Nehring, USDA-Economic Research Service
- Climate change impacts, gains in productivity and producer welfare in U.S. Agriculture
Felipe De Figueiredo Silva, Clemson University
- Organic and Conventional Milk Production Practices and Costs between 2005 and 2016: Comparisons and Contrasts by Farm Size, Region and Pasture Use
Jonathan Law, USDA-Economic Research Service



(2885) Productivity Analysis and Emerging Technologies - Paper Session 1

Subject Code: Productivity Analysis and Emerging Technologies

- Farm-level Innovation and Productivity: Evidence from Groundnut Farming in Malawi
Eric Owusu, University of Connecticut
- Lemon Technologies: Learning about Poor Quality Inputs and their Substitutes
Abubakr Ayesb, Michigan State University
- The Effect of Remote Sensing Drought Indicators on Agricultural Yield: Evidence from Southern Brazil
Pedro Queiroz, University of Nebraska-Lincoln
- Impact of Unmanned Aerial Systems (UAS) services on farmers' productivity: Evidence from a randomized control trial in rice farming systems in Benin (West Africa)
Abdelaziz Lawani, Eastern Kentucky University

(2886) Productivity Analysis and Emerging Technologies

Subject Code: Productivity Analysis and Emerging Technologies

- Do Farmers' Organizations Impact Production Efficiency of Rice Farmers? Empirical Evidence from Bangladesh
Subir Bairagi, University of Arkansas-Fayetteville
- Precision Agriculture Technology Adoption and Technical Efficiency
Nathan DeLay, Purdue University
- The role of hired labour in technical efficiency on Irish dairy farms
Luis Garcia, National University of Ireland Galway
- Rural off-farm employment and agricultural production efficiency: evidence from Tanzania
Lacina Diarra, Laval University

(2894) Resource and Environmental Policy Analysis - Agriculture 2

Subject Code: Resource and Environmental Policy Analysis

- Facing fungicide resistance in grape production: a game theoretic approach
Chelsea Pardini, Washington State University
- Farmers' Adoption of Pressure Irrigation Systems: The Case of Cotton Producers in the Southeastern versus Southwestern U.S.
Tayatorn Pongspikul, University of Missouri



- Climate Adaptation and Innovation: Evidence from the Double-cropping Boom in Brazil
Guilherme DePaula, Iowa State University

(2903) Risk and Uncertainty - Crop Insurance

Subject Code: Risk and Uncertainty

- Measuring the Relationship between Price and Yield
Robert Thompson, North Carolina State University
- Implications of U.S. Crop Insurance -- A Perspective from Copulas
Yifei Zhang, North Carolina State University
- Crowding out or crowding in? The influence of subsidized crop insurance on climate change adaptation
Mary Doidge, McGill University
- Crop Failures from Temperature and Precipitation Shocks: Implications for U.S. Crop Insurance
Molly Van Dop Sears, University of California, Berkeley

(2909) Rural/Community Development Issues in the United States and Canada

Subject Code: Rural/Community Development

- Value-Added Food and Agriculture Sector and Rural Wealth Creation
Becca Jablonski, Colorado State University
- The Impact of Food Deserts on Consumer Behavior: A case Study in Guilford County, North Carolina
Haoran Miao, North Carolina A&T State University

Selected Presentation Posters

Monday, August 10

Poster Presentations

9:00 am – 10:00 am



Ag Finance and Farm Management Posters

- Is the relationship between land values and credit availability a thing of the past?
Ana Claudia Sant'Anna, West Virginia University
- Spatial Heterogeneity in Farm Exit and Government Payments within Changing Farm Structure
Dipak Subedi, USDA-Economic Research Service
- Risk Management Potential of Supplemental Irrigation for Cotton in a Sub-humid Climate under Increased Drought Risk
Wen Liu, University of Tennessee
- Fairness Perceptions in Agriculture: Views About Dicamba from the Field
Harvey James, University of Missouri
- Beef Cattle Producer Motivations for Current Management Practices
McKenna Clifford, Michigan State University
- Impact of Unanticipated USDA Corn Production Estimates on Corn Futures Prices and the Relevance of WASDE Reports in the Recent Times
Sriramjee Singh, Iowa State University
- Economic and Environmental Influence of No-Till and Cover Crops on Dryland Cotton Production
Yubing Fan, Texas A&M AgriLife Research
- Competition, Performance and Financial Stability in the U.S. Agricultural Banking
Madhav Regmi, New Mexico State University
- Can Farmland be a Common Risk factor in Asset Pricing Models
Ashraf Noumir, Purdue University

Agribusiness Economics and Management Posters

- Agricultural basis from a game theoretic perspective
Dana Golden, USDA-Economic Research Service
- Impact of Internet use on Health outcomes of Rural Residents: Evidence from China
Li Li Li, Zijingang Campus of Zhejiang University
- Farmers' willingness to adopt organic farming: A Meta-analysis
Sawssan Boufous, Texas Tech University
- Member Participation and Satisfaction in Agricultural Cooperatives: A Pilot Study of the Largest Dairy Cooperative in Northeast India
Sanjib Bhuyan, Rutgers University
- Drop-in Ready Jet Biofuel from Carinata: A Real Options Analysis of Processing Plant Investments
Chong Zhao, University of Georgia



- Statistical or machine learning models? Yield forecasting techniques and applications to strawberries
Sheng Li, University of Florida
- The Economic Impacts of Producing Alternative Crops: Guar and Guayule in the Southwest
Sita Khanal, New Mexico State University
- The Role of Quality Characteristics in Pricing Hard Red Winter Wheat
Shane Roberts, University of Nebraska, Lincoln
- Power imbalances in French food retailing: Evidence from a production function approach to estimate market power
Stefan Hirsch, Technical University of Munich
- Specialty Coffee Shops in Mexico: Factors Influencing the Likelihood of Purchasing High-Quality Coffee
Roselia Servin Juarez, Colegio de Postgraduados Campus Cordoba
- Better image for better price: how store image affects consumer's willingness to pay for national brand in different stores
Luqing Yu, University of Florida
- Impact of Farmland Fragmentation on Farmers' Grain Production Technical Efficiency—A Case Study of Four Counties in Hubei Province, China
Mengyao Li, University of Georgia

Behavioral & Institutional Economics Posters

- The impacts of observational learning and word of mouth learning on farmers' adoption of residue-based biogas: does interpersonal trust play a role?
Yangmei Zeng, Huazhong Agricultural University
- Donation for Disaster Relief: Learnings from Economic and Non-Economic Preferences Measured in Lab
Nishita Sinha, Texas A&M University
- Community advocacy forums and public service delivery - Impact, and the role of information, deliberation, and administrative placement
Caroline Miehe, LICOS, KU Leuven
- Start Smoking Earlier, Smoke Longer and More: Does Education Matter?
Xiaobing Wang, Peking University
- An Evaluation of Consumer Preferences using Experimental Methods: Ground Beef vs. Ground Bison
Scott Fausti, California State University, Monterey Bay
- Am I Late for School? Peer Effects on Delayed School Entry in Rural Northwestern China
Qihui Chen, China Agricultural University



- An Acceptable CSA Program in Taiwan: A Case Study of Integrating Farmers' Market
Punnaros Pisarn, National Chung Hsing University
- An Economic Analysis of 'Buy Local' Trend
Susweta Ray, University of Nebraska-Lincoln

Demand and Price Analysis Posters

- Attitudes towards Aquaculture and Seafood Purchasing Preferences: Evidence from a Consumer Survey of Atlantic States
Dylan Bouchard, North Carolina State University
- Beyond causality in mean: Evaluation of quantile causality between crude oil and agricultural commodity markets
Ruchuan Ma, Huazhong Agricultural University
- The Role of Habit Formation in Explaining Consumer Behavior and Welfare
Dong Hee Suh, Korea University
- Feasible Estimation of a High Dimensional Demand System with Endogenous Prices: an Application to the USDA Food Plan Food Categories
Shaonan Wang, University of Georgia
- Determinants of the consumption expenditure of cereals and its products in Malawi
Linda Familusi, Lilongwe University of Agriculture and Natural Resource
- Benchmarking Analysis of Cattle Auction Prices in South Texas
David Anderson, Texas A&M University
- Climate change and its impacts on U.S. corn and soybean basis levels
Mohammad Mobarok, University of Missouri
- Economic Valuation of Supplemental Irrigation via Small-Scale Water Harvesting in Northern Ghana
Francis Kemeze, African Development Bank
- Effect of the traffic-light system for nutrition labeling in processed food products in the Ecuadorian population
Oscar Sarasty, Texas Tech University
- Analyzing Willingness to Pay for Meat Substitutes: Evidence from Experimental Auction for Hamburger Patty Products
Sihyun Park, KREI
- Urbanization in China and it's Implications for Subsistence Consumption
Vardges Hovhannisyan, University of Wyoming
- Modeling Spatial Price Linkages Using a Copula-Based Error Correction Model
Shu Meng, North Carolina State University



Environmental and Nonmarket Valuation Posters

- The value of healthy eating vs. the value of convenience: investigating the willingness to pay for living in food swamps
Juan Tu, Wuhan University
- Valuation of Prairie Strips Ecosystem Services using a Choice Experiment of Stated Preferences
Badri Khanal, University of Nebraska, Lincoln
- Ecosystem service values from sustainable farming practices
Julie Carl Ureta, Clemson University
- Does establishing commercial Forest Management Units exacerbate deforestation? The evidence from Liberia
Yu Shing Cheng, The Ohio State University
- The Economic Impacts of Wildfires and Wildfire Smoke on Colorado Property Values
Longzhong Shi, Huazhong Agricultural University
- Effects of Climate Change Perception and Moral Motivation on Consumer Preferences for Turfgrass Attributes
Hyojae Jung, Oklahoma State University
- Impact of waste pollution on infant health – Evidence from four states in the northeast of U.S.
Zhiyun Li, Cornell University
- Wildfire Containment, Protection and Structure Locations
Joshua Olsen, Washington State University

Experimental Economics Posters

- The Role of Gender in Conservation Implementation on Leased Farmland – Theory and Experimental Evidence
Diya Ganguly, University of Nebraska, Lincoln
- Consumers' Willingness to Pay for High Zinc and Low Milled Rice in Bangladesh
Caitlin Herrington, Michigan State University
- Unit Sensitivity in the Stated Preference Methods of Nonmarket Valuation: Evidence from A Meta-analysis of Meat Valuation Studies
Wen Lin, Zhejiang University
- Drivers of organic farming: Lab-in-the-field evidence on the role of social comparison and nudge in networks in Vietnam
Thi Kim Cuong Pham, University of Strasbourg
- Internal Validity Check for Food-Choice Experiments



Gnel Gabrielyan, Independent Researcher

- What Households Change Their Decision to Participate in Price Support Program for Rice in a Response to an Upward Adjustment of Price Discount Rate? A Quasi-Natural Experiment from the 2017 Policy Regime Change in Korea
Sihyun Park, KREI

Food and Agricultural Marketing Posters

- Product and Marketing Strategies to Boost the Liquid Milk Demand: A Hedonic Metric Approach
I-Chun Chen, University of Wisconsin
- Purdue Improved Cowpea Storage (PICS) technology Usage among Legume Traders in Nigeria: What are the Set-backs to the Breakthrough?
Toyin Ajibade, University of Ilorin
- Consumer Preferences for Dairy Products Logoed as Made with Tennessee Milk
Hari Regmi, University of Tennessee
- Does Importance Determine Beliefs in Organic Attributes? Examining Willingness to Pay for Organic Foods
Kofi Britwum, Upper Iowa University
- Facts vs. Fake: A Comparison of Product's Nutritional Values and Nutritional Claims in the German Meat Market
Thies Petersen
- Consumer Basket Shopping and Seller Market Power in Food Retailing
Tian Xia, Kansas State University
- The Effect of Soybean Futures Forecast Accuracy on Basis in Local Cash Markets
Daniel O'Brien, Kansas State University
- Seeing Food Safety in Green Labels
Kar Ho Lim, Tennessee State University
- The Spillover effect of Direct Competition between Marketing Cooperatives and Private Intermediaries: Evidence from Thai Rice Value Chains
Kaattisak Kumse, The University of Tokyo
- The Price Premium for Local Foods: A Nash Price Equilibrium Model
Houtian Ge, Cornell University
- Measuring the Effect of Direct-to-Consumer Marketing Strategy on Farm Income: A Generalized Propensity Score Approach
Feng-An Yang, National Taiwan University

Food and Agricultural Policy Analysis Posters



- Evaluating the impact of National Organic Program on pesticide use risk in organic agriculture
Hanlin Wei, University of California, Davis
- Alternative Foot-and-Mouth Disease Management Strategies in Large Feedlots
Logan Britton, Oklahoma State University
- Structural Change, Investment Efficiency and Productivity Growth in the Indian Food Processing Industry
Nithyashree M L, ICAR-IARI, New Delhi
- Willingness to Pay for Access to Healthy and Unhealthy Food Suppliers: the Role of the Food Environment
Meng Yang, Wuhan University
- Spatial Grocery Sales Tax Competition among Local Governments: Evidence from the U.S. Counties
Lingxiao Wang, University of Kentucky
- Welfare Implications of Japan's Tariff Reactions on the U.S. Egg Product Imports
Rafael Bakhtavoryan, Texas A&M University
- Are outliers in farmland price time series random or reasoned in political and economic events?
Luise Meissner, University of Goettingen
- Potential Impact of Increased Immigration Cost on State Level Agriculture: A Differential Supply Approach
Charles Moss, University of Florida
- U.S. Consumer Acceptance of Novel Biotechnologies to Improve Farm Animal Welfare
Danielle Ufer, Michigan State University
- Measuring National Socio-economic Aspects of Sustainable Agriculture and the Interactions with Environmental Indicators
Guolin Yao, University of Maryland
- A new empirical evidence on the impact of climate change on rice market equilibrium in West Africa: Dealing with future uncertainties through Monte Carlo simulations
Aklesso Egbendewe, University of Lome
- The effects of market access on the input market structure in Zambia
Nicolas Gatti, University of Illinois at Urbana-Champaign
- The Effect of Revised CACFP on Food and Nutrient Intake of Children
Siwan Song, Texas A&M University
- Treatment Effects of Joint participation in SNAP and Private Food Charities with treatment validated SNAP
Anne Musa, Texas Tech University
- China's Food Security and Its Tariff Rate Quota Reform
Xia Li, Central University of Finance and Economics



Food Safety and Nutrition Posters

- Quantifying Grocery Tax Impacts on Local Food Stamps (SNAP) Participations
Jianqiang Zhao, Cornell University
- Making cash crop value chains nutrition-sensitive: Evidence from rural Sierra Leone
Isaac Bonuedi, University of Bonn
- Resource Booms, Economic Conditions, and Child Food Security
Seung Jin Cho, Iowa State University
- Does Better Market Access Improve Nutrition? Evidence from China's Relocation Program
Ganxiao Leng, Renmin University of China
- Health Implications of Obesity: An Evidence from India
Shivani Gupta, Jawaharlal Nehru University
- Food Environment, Diet Quality and Online Grocery Shopping
Pei Zhou, Pennsylvania State University
- The differential impact of SSB taxation over time and by income: Evidence from Nielsen Homescan and Retail Data
Abigail Barker, Washington University in St. Louis
- Characterizing Crop Diversification In The U.S. Specialty Crops Industry
Sanchez Philocles, Purdue University
- Tradeoffs between On-Farm Food Safety and Environmental Conservation for U.S. Produce Growers
Aaron Adalja, Cornell University
- Does Household Wealth Level Affect the Body Mass Index of Women in Benin?
Ogoudele Simon Codjo, University of Florida
- Minimum Cost Diets as a Food Security Indicator in Central America
Luis Sandoval M, Zamorano University

Tuesday, August 11
Poster Presentations
9:00 am – 10:00 am

Household and Labor Economics Posters

- Revisiting Demand and Supply of Farm Labor in the United States: A Panel Data Approach
Skyler Simnitt, University of Florida
- Income and Happiness Effects: Investigating the Multidimensional Benefits of Bio-Technology Adoption



Yangmei Zeng, Huazhong Agricultural University

- Coping with the Consequences of Short-Term Illness Shocks: The Role of Intra-Household Labour Allocation

Abhishek Dureja, Indira Gandhi Institute of Development Research

- Classroom Peer Effects on Student Learning: Quasi-Experimental Evidence from the China Education Panel Survey

Yuhe Guo, China Agricultural University

- Estimating and Comparing Empirical Measures of Household Energy Insecurity

Amanda Harker Steele, NETL-KeyLogic Systems

- Consumers' Perceptions and Behaviors Regarding Food Waste across Countries

Yan Heng, University of Florida

- The Impact of Physical Capital Accumulation and Income Inequality on Private Education Investment: Evidence from Rural China

Zhen Liu, Zhejiang University

- Infrastructure and the impact of weather shocks on local labor markets

Mohammad Mostafavi-Dehzoeei, Georgia Southwestern State University

- Return on Agricultural Training in South Africa

Yousef Alkilany, Auburn University

- Impact of Boarding on Mental Health - Evidence from Rural Primary Schools in Northwestern China

Qihui Chen, China Agricultural University

Industrial Org./Supply Chain Management Posters

- Chinese Wholesale Vegetable Markets: Testing the Theories of Relational Contracts

Yujing Song, University of California, Davis

- The Economics of Label Misperception in Food Markets

Francisco Scott, Purdue University

- Droughts and the Food Retail Sector

Jessica Rudder, University of California, Davis

- The Economic Impacts of Private Politics in Food Markets

Anubrata Deka, University of Nebraska, Lincoln

- Mergers, Acquisition and Market Power: The Case of the U.S. Agribusiness

Yejun Choi, Oklahoma State University

- Scarcity Pricing in the Dynamic Setting

Botir Okhunjanov, Washington State University



International Development Posters

- Effects of Weather Shocks on Millet Markets in Sub Saharan Africa: Evidence from Niger
Ange Kakpo, Virginia Tech University
- Assessing an on-farm storage intervention for maize farmers in Kenya
Betsy Ness-Edelstein, Abt Associates
- Demonstration plots, seed trial packs, bidirectional learning, and modern input sales: Evidence from a field experiment in Tanzania
Christina Biedny, Michigan State University
- Salient Risks and Contract Quality: Estimating Demand for Index Insurance in Mozambique and Tanzania
Jonathan Malacarne, University of Maine
- The Agricultural Resource Curse? The Welfare Effects of the Vanilla Price Surge
Heidi Kaila, Cornell University
- Does the expansion of midstream activities along value chains improve smallholder welfare? Evidence of milling firms in Zambia
Ahmed Salim Nuhu, Michigan State University
- Improved Technology Dissemination and Adoption in Sub-Saharan Africa: Global and Regional Food Security, Economic and Environmental Implications
Edeoba Edobor, Purdue University
- On Why and How Agriculture Has Not Declined With Economic Growth In North Africa
Ahmed Chennak, University of Nebraska, Lincoln
- Climate risk, adaptation, and technology adoption in the midstream of crop value chains: Evidence from Nigerian maize traders
Charuta Parkhi, Michigan State University
- When can private sector prizes achieve agriculture development goals? -- Lessons from two impact evaluations
Tulika Narayan, Mathematica
- After the Project is Over? Measuring Longer-Term Impacts of a Food Safety Intervention in Senegal
Laura Leavens, Purdue University
- International R&D Spillovers: The Case of Aquaculture
Abhipsita Das, Auburn University
- Aquaculture Production Clustering and Inland Fish Market Integration in Bangladesh
Madan Dey
- Impacts of Rice Research Investment on Food Security and Poverty: A Foresight Quantification
Subir Bairagi, University of Arkansas, Fayetteville
- Universal Basic Income, Targeted Cash Transfers, and Progressive Taxation: Reducing Income Inequality in South Africa



Celestine Siameh, University of Minnesota

- Side-Selling and the Returns to Cooperative Participation: The Role of Comparative Advantage in Smallholder Livestock Cooperatives
Scott Miller, University of Florida
- Impacts of Anti-poverty Programs on Land Use Change – The Case of NREGS in India
Shourish Chakravarty, Purdue University
- Resilience and Persistence of a Policy Intervention: An Analysis of the Effect of SPREAD in Rwanda
Charles Moss, University of Florida
- Consumer Willingness-To-Pay to End Deforestation in West African Cocoa Production
Bailey Peterson-Wilhelm, University of Arkansas

International Trade Posters

- Will the folly of protectionism affect the global rice bowl in the future?
Subir Bairagi, University of Arkansas, Fayetteville
- The Investigation of Export-Driving Forces of U.S. Distiller Industry: Insights from Bourbon Whiskey
Wei Zhang, University of Kentucky
- Selection into outsourcing versus integration strategies for heterogeneous multinationals
Sangho Shin, Iowa State University
- Estimated impacts of Japan bilateral tariff reductions on beef trade
Byung Min Soon, Korea Rural Economic Institute
- Does reducing import-related transactions cost increase fertilizer imports? Evidence from a cross-country panel analysis
Aakanksha Melkani, Michigan State University
- Agricultural trade performance and potential: a retrospective panel data analysis of U.S. exports of corn and soybeans
Grace Grossen, USDA-Economic Research Service
- U.S. Tariff on EU Olive Oil: Impacts on U.S. Consumer and World Market
Abdel Malek Hammami, University of Nebraska, Lincoln
- Impacts of Economic Growth and Depression in the U.S., China, and India on Global Land and Water Resources
Iman Haqiqi, Purdue University
- Implicit Cost of Retaliatory Tariffs by Mexico on U.S. Cheese Exports
Hernan Tejeda, University of Idaho



- Does the Notification Frequency of Non-Tariff Measures Affect Product Exports?
Ruihua Zhang, Nanjing Agricultural University
- Impacts of Trade Agreements on U.S. Beef Exports and Agribusinesses
Grace Grossen, USDA-Economic Research Service

Natural Resource Economics Posters

- Resource Requirements of Food Demand in the United States
Sarah Rehkamp University of Hawaii - Manoa
- Integration of the Economic and Hydrologic Modeling to Evaluate - and Communicate - the Tradeoffs between Water Quality and Economic Benefits at Farm Scale
Fei He, University of Florida
- Deforestation and Energy Poverty: Longitudinal Evidence from Malawi
Yu Wu, University of North Carolina
- Do Exploitations of Marcellus and Utica Shale Formations Improve Regional Economy in Pennsylvania, Ohio, and West Virginia? A Synthetic Control Analysis
Kuan-Ming Huang, West Virginia University
- Bundling Irrigation Technologies to Improve Water Table Management in Florida Plastic Mulch Vegetable Production
Moonwon Soh, University of Florida
- Roads and deforestation, the role of forest governance: Evidence from Brazil
Carlos Fontanilla-Diaz, Purdue University
- Impact of the Florida Red Tide Events on Recreational Fishing in the Western Florida
Bijeta Bijen Saha, University of Florida
- Agricultural Decisions in Response to Groundwater Salinity on Irrigated Lands in Kansas
Juhee Lee, Kansas State University
- Wetland Proximity: A Meta-Analysis of Hedonic Property Values
Sapana Bastola, Louisiana State University

Production Economics Posters

- Responses of global agriculture to climate and biophysical variability
Xin Zhao, Joint Global Change Research Institute, PNNL
- Duration analysis of adoption of intensive agricultural practices in Rwanda
Jules Ngango, Chungnam National University
- The Impacts of the 2012 Midwest Drought on U.S. Agriculture
Seunghyun Lee, University of California, Davis



- Do Warming Temperatures Influence Yield Response to Higher Planting Density?
Ruixue Wang, North Carolina State University
- Robotic Harvesters or Migrant Workers? A Mechanization Adoption Model
Tianyuan Luo, University of Florida
- Mechanization Services and Technical Efficiency in China's Crop Production
Meili Huan, China Agricultural University
- Understanding the Yield Impacts of Alternative Cover Crop Types: Evidence from Plot-level Panel Data
Sunjae Won, North Carolina State University
- Measuring the Effect of Extreme Weather on Production Efficiency using Zero-inefficiencies Stochastic Frontier Model
Jaehyun Kim, Seoul National University
- Future US Soybean Yields: What A Deep Learning Approach Can Tell Us
Yongjie Ji, Iowa State University
- Evidence on the Private-Excess Fertilization Hypothesis
Yuyuan Che, Michigan State University
- The effects of forced displacement on agricultural productivity: Evidence from Colombian civil conflict
Wilman Iglesias Pinedo, University of Nebraska

Productivity Analysis and Emerging Technologies Posters

- The Effectiveness of Investment Promotion on Firm Productivity: Evidence from Thai Food Manufacturing
Piyawong Punjatewakupt, Thammasat University
- Sustainable food systems under changing climate and household welfare in Pakistan
Muhammad Shahzad, Charistian-Albrechts-Universität Kiel
- Adopting African Indigenous Vegetables: A Dynamic Panel Analysis of Smallholder Farmers in Kenya
Jonathan Vivas, National Chung Hsing University
- Do Commodity Check-Off Programs Pay for Themselves? The Case of the Rice Check-off
Kylie Meredith, Arkansas State University
- Agricultural Extension Services, Agricultural Productivity and WEAI Nexus: Quasi-Experimental Evidence
Ismat Begum, Bangladesh Agricultural University
- Does Agricultural Growth lead to Methane Emissions?
GwanSeon Kim, Arkansas State University
- Climate change impacts on agriculture: evidence from global agricultural productivity



Olabisi Ekong, Kansas State University

- Strategic Drainage: Yield and Pollution improvements from Controlled Drainage under Optimization

Jonathon Siegle, The Ohio State University

- Value-Added Technologies in the Specialty Crop Industry: Exploring Farmers' Drivers and Technology Impacts on Economic Performance

Orlando Rodriguez, Purdue University

Research Methods/Econometrics/Stats Posters

- Analyzing the determinants of adaptation to flood using semiparametric approach
Santosh Pathak, Louisiana State University
- Conflict in sub-Saharan Africa through the lens of supervised classification (prediction) models
Naureen Fatema, McGill University

Resource and Environmental Policy Analysis Posters

- The Environmental Policy Induced Persistence Risk: Impulse Response Analysis of China's Plastics Bans in Oil, Plastics and Exchange Markets
Jingze Jiang, Edinboro University
- The Impact of China's Location-Based Environmental Regulations on Hog Industry and Water Quality: A Synthetic Difference-in-differences Approach
Nieyan Cheng, Iowa State University
- Government Funding Assistance, Farm Investment and Irrigation System Improvements: Insights from the United States
Seong Park, Tennessee Tech University
- Impact Evaluation of Livestock Environmental Regulation on the Structural Change in Agricultural Sector in China
Ni Zhuo, Zhejiang University
- Climate Change and the Role of Public Policy in Sustaining Agricultural Growth
Jiaoyuan Huang, University of Connecticut
- Agri-Environmental Policy Spillovers: Predicting Joint and Conditional Participation in BMP, Conservation, and Agricultural Programs
Zhongyuan Liu, Auburn University
- Organization of environmental R&D in a duopoly under unequal costs and asymmetric information
Molla Mursaleen Shiraj, Washington State University
- The Social Cost of Managing Invasive Species: The Case of Citrus Greening



Audrey Rizk, University of Florida

- Cattle producers' willingness to adopt winter patch grazing vs. patch burn grazing in the Northern Great Plains

Tong Wang, South Dakota State University

- Incorporating Large-scale Double-cropping into the Identification of Agricultural Supply Elasticities: Implications for Biofuel and Conservation Policies

Behzad Jeddi, Iowa State University

- Impacts of Grassland Ecological Compensation Policy on Household's Supplementary Feeding Using: An Empirical Study in Inner Mongolia

Yuanning Hu, Tsinghua University

- Groundwater Management Policy Strategies for Effective Conservation of the Ogallala Aquifer

Karthik Ramaswamy, California State University, Fresno

- Efficiency of pesticide use in agricultural production: Evidence from Vietnam

Lan Tran, University of Missouri, Columbia

- Does organic farming improve the nitrogen balance in agricultural land?

GwanSeon Kim, Arkansas State University

- The Impacts of Biomass Use on Residential Property Values in Central Africa: An Application of the Hedonic Spatial Quantile Regression

Yousef Alkilany, Auburn University

- Aviation biofuels: A viable and sustainable option to curb aviation emissions

Xin Zhao, Joint Global Change Research Institute, PNNL

- Land-use Change at the Peri-Urban Nexus: The Greenbelt Act Study

Wai Yan Siu, Utah State University

- Balancing Food Security and Environmental Sustainability through Seasonal Crop Allocation in Bangladesh

Man Li, Utah State University

- Effects of Grocery Bag Regulations on Grocery Sales and Shopping Behaviors: Evidence of Natural Experiments in the United States

Yu-Kai Huang, Texas A&M University

- Quantifying Economic Damages of Climate Change: A Revisit

Xiaobing Zhao, Northern Arizona University

Risk and Uncertainty Posters

- Crop Insurance Rate Making, Land Quality and Adverse Selection
Pin Lu, Michigan State University
- Understanding the Determinants of Crop (Under)Insurance Purchases
Michelle Segovia, University of Missouri



- A Bayesian Copula Approach to Valuing an Option on Corn Prices in North Carolina
Robert Thompson, North Carolina State University
- An Economic Risk Analysis of Alternative Irrigation Regimes and Transitioning Tillage Systems in Cotton Production
Yubing Fan, Texas A&M University
- A National Basis: Aggregation Techniques for a more Useful Picture of Basis
Dana Golden, USDA-Economic Research Service
- The Optimal Mix of Owned and Rented Farmland Investment
Ashraf Noumir, Purdue University
- Basis Risk Associated with the Pasture, Rangeland, and Forage Insurance Program: Evidence from California
Tina Saitone, University of California, Davis
- Building Resilience for Agriculture Through Index-Based Insurance in Developing Country Context: New Insights for Public Policy in Nigeria
Opeyemi Ayinde, University of Ilorin
- Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia
Anukul Bhattarai, University of Georgia
- Forgivable Premium: Strategy for Lowering Crop Insurance Subsidies
Kyle Jore, University of Minnesota

Rural/Community Development Posters

- Fertility and Sex Choice in Rural China
Jixuan Yao, Purdue University
- Changes in butter prices and regional economies in Poland
Anna Klepacka, Warsaw University of Life Sciences
- Bottom-up approach of land use transfer in market-driven land reform: using Web Crawling and Spatial Analysis on Zhejiang, China
Zhen Yan, Zhejiang University
- Does resilience capacity influence households' perception of control to environmental shocks? Evidence from the Bolivian Altiplano
Barituka Bekee, University of Missouri, Columbia
- Land Consolidation and Rural Labor Markets in Colombia
Karen Ortiz Becerra, University of California, Davis
- Rural Households' Willingness to Pay for Improving Environmental Quality in China: A Double-Hurdle Approach
Yubing Fan, Texas A&M University



- Differential Impact of Gender of Household Head on Food Security: Empirical Evidence from Vietnam
Subir Bairagi, University of Arkansas, Fayetteville
- The Effect of the Natural Disaster on Health Expenditure in Japan: The Great East Japan Earthquake
Sungtae Eun, Texas Tech University

Teaching, Communication, and Extension Posters

- Knowledge Acquisition and Retention in Agricultural Finance Courses
Erik Hanson, North Dakota State University
- Enhancing Student Learning Using an International Trade Simulation Project
Baohui Song, California State University, Chico
- Experiential Learning Trading Agricultural Contracts in a Commodity Fund
Matthew Diersen, South Dakota State University