

# Posters Monday, August 5, 2013

## Committee on Women in Agricultural Economics

- M1 The Value of Legal Status--A Hedonic Analysis of the Earnings of U.S. Farm Workers  
**Sun Ling Wang**, USDA-Economic Research Service; Daniel Carroll, U.S. Department of Labor; Richard Nehring, USDA- Economic Research Service
- M2 Impacts of Allowing Mexican Hass Avocados Entry into the United States  
**Monica Galli**, USDA-Animal and Plant Health Inspection Service; Andrew Malone, USDA-Animal and Plant Health Inspection Service
- M3 Success Factors for Small-Scale Diversified Farms  
**Kynda Curtis**, Utah State University; Mary Shepherd, Utah State University; Ruby Ward, Utah State University
- M4 What's For Lunch? Determinants of the National School Lunch Program Menu  
**Janet G. Peckham**, Clemson University
- M5 The Identification and Formation of Clusters of Northeastern United States Farms Participating in Multifunctional Activities  
**Ioana (Julia) I. Marasteanu**, Pennsylvania State University; Dr. Chyi-Lyi (Kathleen) Liang, University of Vermont; Dr. Stephan Goetz, Pennsylvania State University
- M6 Multifunctional Agriculture and Implications on Rural Economy  
**Chyi-lyi (Kathleen) Liang** and Flora Su, University of Vermont
- M7 Experimental Financial Decisions in Tanzania  
**Aine Seitz McCarthy**, University of Minnesota
- M8 Is the High-dose/refuge Strategy enough to Control Insect Resistance to Bt Crops?  
**Zhe Dun**, University of Wisconsin; Paul D. Mitchell, University of Wisconsin

## Extension Section

- M9 Evaluation Strategies for Demonstrating Value in Extension Programming  
**Kynda R. Curtis**, Utah State University; JoAnn Warner, Washington State University; Martha Sullins, Colorado State University
- M135 An Overview of Supplemental Crop Insurance Proposals  
Jody Campiche, Oklahoma State University; **Rodney Jones**, Oklahoma State University
- M136 Economic and Agronomic Benefits Associated with Mid-South Soybean Verification Program  
**C. Robert Stark**, University of Arkansas
- M137 Farmland Purchase Analysis: A Comparison of Decision Aids and Methodological Approaches  
**William Edwards**, Iowa State University; Kevin Dhuyvetter, Kansas State University; Gary Schnitkey, University of Illinois

## Teaching, Learning, and Communication Section

- M10 Engaging Agricultural Policy Students in the Policy Process through a State Legislature Capitol Field Trip Visit  
**C. Robert Stark, Jr.**, University of Arkansas at Monticello
- M11 Analyzing the Preparedness of Undergraduates in Agricultural Economics  
**Rachael Brown**, University of Kentucky
- M12 Do Males and Females Perform Differently on Different Types of AGEC 500 Test Questions?  
**Abigail L. Jager**, Kansas State University; Robert O. Burton, Jr., Kansas State University; Alexi S. Thompson, Kansas State University; Levi A. Russell, Kansas State University; Michael R. Langemeier, Purdue University
- M13 A Futures Trading Project to Promote Active Learning in Agricultural Economics Courses  
**Max St. Brown**, Washington State University; Jared Woolstenhulme, Washington State University
- M14 Interdisciplinary Approaches in Agribusiness Education through STEM Early College Program  
**Kenrett Y. Jefferson-Moore**, North Carolina A&T State University; Stacey Alston, The STEM Early College at N.C. A&T

# Posters Monday, August 5, 2013

## Behavioral Economics

- M15 The Effect of Income on Health Choices: Physical Activity and Alcohol Use  
**Xiaowen Hu**, University of Kentucky; **Christina Jill Stowe**, University of Kentucky
- M16 Risk Preference, Discount Rate, and Purchase of Energy-Efficient Technologies in the Residential Sector  
**Yueming Qiu**, Arizona State University; **Gregory J. Colson**, University of Georgia; **Carola Grebitus**, Arizona State University
- M17 Peer Effects on Temptation Consumption  
**Yating Chuang**, University of Wisconsin
- M18 Does Daylight Savings Time Lead to More Time Exercising?  
**Alison L. Sexton**, Abt Associates
- M19 Social Networks, Consumer Beliefs, and Nutrition Behavior: Theory and Empirical Evidence for Germany  
**Christian H.C.A. Henning**, University of Kiel; **Nana Zarnekow**, University of Kiel
- M20 Heterogeneity Among Motorists in Traffic Congested Areas in Southern California  
**Jing Fong Jennifer Lee**, University of California, Davis; **Jeffrey C. Williams**, University of California, Davis

## Environmental and Nonmarket Valuation

- M21 How Much Marginal Land Is Available for Bioenergy Crops? Evidence from Michigan  
**Noel Hayden**, Michigan State University; **Scott M. Swinton**, Michigan State University
- M22 Changing Value of Automobile Fuel Economy Over Time: 2001-2010  
**Molly Espey**, Clemson University
- M23 The Value of Environmental Status Signaling: The Case of the Toyota Prius  
**Michael Delgado**, Purdue University; **Jessica Harriger**, Western Illinois University; **Neha Khanna**, Binghamton University
- M24 Market Supply Analysis: Landowner Preferences for Ecosystem Service Provision in Wyoming  
**Esther Duke**, Colorado State University; **Kristiana M. Hansen**, University of Wyoming; **Craig A. Bond**, Colorado State University
- M25 The Relative Price of Agriculture: The Effect of Food Security on the Social Cost of Carbon  
**Peter H. Howard**, New York University
- M26 Correspondence and Efficiency in Forecasts of Ecosystem Service Benefits  
**Douglas A. Patton**, University of Georgia; **Rebecca L. Moore**, University of Georgia; **John C. Bergstrom**, University of Georgia; **Alan Covich**, University of Georgia
- M27 How Will Offshore Energy Production Affect Delaware Beach Visitation?  
**Jacob R. Fooks**, University of Delaware; **Joshua M. Duke**, University of Delaware; **Janet Johnson**, University of Delaware; **Kent D. Messer**, University of Delaware; **George R. Parsons**, University of Delaware
- M28 Private Benefits and Spillovers from Residential Trees  
**Joseph A. Maher**, University of Maryland
- M29 Estimating Use Values of Public Great Lakes Beaches in Michigan  
**Min Chen**, Michigan State University; **Frank Lupi**, Michigan State University; **Michael D. Kaplowitz**, Michigan State University; **Scott A. Weicksel**, Michigan State University

## Experimental Economics

- M30 Maximize Your Sample: The Need to Account for Consumer Heterogeneity in Experimental Auctions  
**Alba J. Collart**, Texas A&M University; **Marco A. Palma**, Texas A&M University
- M31 WTP for Sustainably Labeled Foods: A Measurement Comparison and Market Demand Simulation  
**Hillary M. Sackett**, Westfield State University; **Robert S. Shupp**, Michigan State University; **Glynn T. Tonsor**, Kansas State University
- M32 A Field Experiment on Consumer Willingness-to-Accept Milk from Cloned Cows  
**Kofi Britwum**, University of Delaware; **John C. Bernard**, University of Delaware
- M33 Market Intermediaries' Willingness-to-Pay for Rosaceous Fruit Attributes  
**Huixin Li**, Washington State University; **Rosa Karina Gallardo**, Washington State University; **Vicki A. McCracken**, Washington State University; **Chengyan Yue**, University of Minnesota

## Posters Monday, August 5, 2013

---

### Food Safety and Nutrition

- M34 Effects of the Food Safety Modernization Act on the North American Fresh Tomato Trade  
**John Bovay**, University of California, Davis; **Daniel A. Sumner**, University of California, Davis
- M35 Consumer Valuation of a Shelf-Tag Nutrition Icon: The Case of Guiding Stars for Ready-to-Eat Breakfast Cereal Products  
**Chung-Tung Jordan Lin**, US Food and Drug Administration; **Jong-Ying Lee**, University of Florida
- M36 The Effect of Food Store Access on Children's Diet Quality  
**Gaogao Yu**, University of Arkansas; **Michael R. Thomsen**, University of Arkansas; **Rodolfo M. Nayga**, University of Arkansas; **Leanne Whiteside-Mansell**, University of Arkansas for Medical Sciences; **Taren M. Swindle**, University of Arkansas for Medical Sciences
- M37 Consumer Meat Safety Concerns: Impacts of Beef E. Coli O157: H7 Recalls on Meat Consumption  
**Xia Shang**, Kansas State University; **Glynn T. Tonsor**, Kansas State University; **John A. Fox**, Kansas State University; **Ted C. Schroeder**, Kansas State University
- M38 Determinants of Fresh Vegetable, Fresh Fruit, and Peanut Products Expenditure in Urban Households in Ghana  
**Ting Meng**, University of Georgia; **Wojciech J. Florkowski**, University of Georgia; **Daniel Sarpong**, University of Ghana; **Anna V. A. Resurreccion**, University of Georgia; **Manjeet Chinnan**, University of Georgia
- M39 Impact of a Community-Based, Educational Garden Program on Child and Household Food Choices: A Case Study in Atlanta  
**Joanna L. Brown**, University of Georgia; **Gregory J. Colson**, University of Georgia; **Nicholas P. Magnan**, International Food Policy Research Institute
- M40 Effects of Distance and Local Food Environment on Shopping Frequency and Food Purchases  
**Samantha D. Snyder**, USDA-Economic Research Service; **Ilya M. Rahkovsky**, USDA-Economic Research Service
- M41 Foodborne Illness, Self-Protection, and the Marginal Value of Pasteurized Eggs  
**Steven S. Vickner**, The Ohio State University
- M42 Maize Quality in Kenya: The Role of Traders  
**Romina V. Ordonez**, University of Maryland; **Vivian E. Hoffmann**, University of Maryland

### Household and Labor Economics

- M43 Family Socioeconomic Status and Child Health: Evidence from China  
**Yi Zhong**, University of Delaware; **Titus O. Awokuse**, University of Delaware
- M44 Labor Market Integration in California Agriculture: Do the Data Support Industry Reports of Shortages?  
**Derek Farnsworth**, University of California, Davis
- M45 2-Sided Altruism: Do Intergenerational Transfers Trigger Greater Childbearing in Developing Countries  
**Shonel Sen**, Pennsylvania State University
- M46 Occupational Information Acquisition, Occupational Conversion, and Citizenization of New Generation Migrant Workers in China  
**Yuan Yao**, College of Economics & Management, Shenyang Agricultural University; **Guangsheng Zhang**, Shenyang Agricultural University
- M47 Climbing the Educational Ladder: The Relative Performance of Rural and Urban Students in Brazilian Universities  
**Gustavo R. Sampaio**, Federal University of Pernambuco; **Mary P. Arends-Kuenning**, University of Illinois at Urbana-Champaign
- M48 Potential Impact of Labor Shifts on Southern Fruit and Vegetable  
**Sebastain Nde Awondo**, University of Georgia; **Esendugue Greg Fonsah**, University of Georgia
- M49 The Wage Effects of Training in Rural China  
**Chunhui Ye**, Cornell University; **Zhaoyu Zeng**, Zhejiang University; **Hexiao Huang**, Zhejiang University

### Institutional Economics

- M50 Coase Revisited: Economic Efficiency under Externalities, Transaction Costs, and Non-Convexity  
**Jean-Paul Chavas**, University of Wisconsin



## Posters Monday, August 5, 2013

### International Development

- M51** Do Improved Groundnut Seeds Make African Farmers More Food Secure? Evidence from Uganda  
**Anthony G. Murray**, *USDA-Economic Research Service*; **Bradford F. Mills**, *Virginia Polytechnic Institute and State University*
- M52** Impacts of Maize Seed Subsidies on Poverty and Inequality in Zambia  
**Melinda Smale**, *Michigan State University*; **Nicole M. Mason**, *Michigan State University*
- M53** Adoption and Economic Impacts of IPM Technologies in Potato Production in Ecuador  
**Vanessa D. Carrion**, *Virginia Polytechnic Institute and State University*; **George W. Norton**, *Virginia Polytechnic Institute and State University*; **Jeffrey Alwang**, *Virginia Polytechnic Institute and State University*; **Victor Barrera**, *Instituto Nacional Autonomo de Investigaciones Agropecuarias*
- M54** Learning and Synergy in Social Networks: Productivity Impacts of Informal Labor Sharing Arrangements  
**Dawit K. Mekonnen**, *University of Georgia*; **Jeffrey H. Dorfman**, *University of Georgia*
- M55** Responses to the World Food Price Crisis: Differential Effects of Buffer Stock Programs and Export Restriction Policies on Subsistence Farmers and the Urban Poor  
**Mario J. Miranda**, *The Ohio State University*; **Kathleen M. Farrin**, *The Ohio State University*; **Donald Larson**, *World Bank*; **Shu-Ling Chen**, *National Taipei University*
- M56** The Economic Impact of the New Insensitive Sorghum Cultivars in the Dairy Market of Nicaragua  
**Gabriel Garcia Gomez**, *Purdue University*; **John H. Sanders**, *Purdue University*
- M57** Food Aid and Consumption: Evidence from the Indian State of Chhattisgarh  
**Prasad Krishnamurthy**, *University of California, Berkeley*; **Vikram Pathania**, *London School of Economics*; **Sharad A. Tandon**, *USDA-Economic Research Service*
- M58** Seed Information, Farm Size, and the Potential for Adoption of Zinc-Fortified Wheat Varieties in Pakistan  
**Hina Nazli**, *Pakistan Strategy Support Program of IFPRI*; **Melinda Smale**, *Michigan State University*
- M59** Who Should Be Interviewed in Surveys of Household Income?  
**Monica G. Fisher**, *International Maize and Wheat Improvement Center*; **Jeffrey J. Reimer**, *Oregon State University*; **Edward Carr**, *University of South Carolina*
- M60** Perspectives for Individual Livestock Farms in Post-Soviet Agriculture – Evidence from Kazakhstan  
**Mimako Kobayashi**, *World Bank*; **Martin Petrick**, *Leibniz Institute*; **Katharina Karsten**, *Leibniz Institute*; **Lovell S. Jarvis**, *University of California, Davis*
- M61** Measuring Women's Empowerment in Ghana: An Application of the Women Empowerment in Agricultural Index  
**Sandra M. Contreras**, *Kansas State University*; **Timothy J. Dalton**, *Kansas State University*
- M62** Private Sector Incentives and the Diffusion of Agricultural Technology: Evidence from Developing Countries  
**David J. Spielman**, *International Food Policy Research Institute*; **Xingliang Ma**, *International Food Policy Research Institute*
- M63** Moral Hazard, Risks, and Index Insurance in the Rural Credit Market: A Framed Field Experiment in China  
**Lan Cheng**, *University of California, Davis*
- M64** Aid to Agriculture and Poverty Reduction  
**Ozgur Kaya**, *University of Georgia*; **Ilker Kaya**, *American University of Sharjah*
- M65** Cash Versus In-Kind: Farmer Valuation of Seed Traits and Differences in Willingness-To-Pay  
**Fiona Hossack**, *University of Alberta*; **Henry An**, *University of Alberta*
- M66** In-Utero Rainfall Variability and Birth Weight in the Rural Philippines  
**Eeshani Kandpal**, *World Bank*; **Emmanuel Skoufias**, *World Bank*
- M67** Rural Living Standards in China: Measurement Under a Better Definition of Household  
**Klaus W. Deininger**, *World Bank*; **John Giles**, *World Bank*; **Songqing Jin**, *Michigan State University*; **Hui Wang**, *Michigan State University*
- M68** Measuring Financial Inclusion Through the Level of Rural Financial Services: A Case Study of Hubei Province, China  
**Xueping Xiong**, *Huazhong Agricultural University*; **Chonguang Li**, *Huazhong Agricultural University*; **Calum G. Turvey**, *Cornell University*
- M69** A Systematic Review of the Impact of School Feeding Programs on Educational, Nutritional, and Agricultural Development Goals  
**Ty Lawson**; **Mywish K. Maredia**, *Michigan State University*

## Posters Monday, August 5, 2013

---

- M70 Determinants of Rice Marketed Surplus in Togo: A Heckman Two Stage Selection Approach  
**Serge G. Adjognon**, Michigan State University; **Anwar Naseem**, McGill University; **Aliou Diagne**, International Food Policy and Research Institute; **Latha Nagarajan**, Rutgers University
- M71 Status of Land Ownership, Land Conflict, and Perceptions and Knowledge About the Land Law in Mozambique: Analysis of Nationally Representative Data to Assess the Impact of Land Policy Monitoring and Capacity Building Activities  
**Raul O. Pitoro**, Michigan State University; **Mywish K. Maredia**, Michigan State University; **Songqing Jin**, Michigan State University
- M72 Implications of Natural Refuges for Bt Crops Refuge Requirements in Developing Countries  
**Rohit Singla**, McGill University; **Anwar Naseem**, McGill University; **Mike Livingston**, USDA-Economic Research Service; **Satnam Singh Chahal**, Punjab Agricultural University
- M73 Development and Peace: Cause, Consequence, and Effects  
**Shahriar Kibriya**, Conflict and Development Center; **Yu Yvette Zhang**, Texas A&M University; **David A. Bessler**, Texas A&M University; **Edwin C. Price**, Texas A&M University

### Natural Resource Economics

- M74 Biosecurity Investments, Strategic Interactions, and the Role of Expectations in Livestock Disease Management  
**Carson J. Reeling**, Michigan State University; **Richard D. Horan**, Michigan State University
- M75 Climate Impacts on Farming Decisions of Land Allocation in Pacific Northwest: Weather Shocks and Climate Shifts  
**Jianhong Mu**, Oregon State University; **John M. Antle**, Oregon State University; **Susan M. Capalbo**, Oregon State University; **John Abatzoglou**, University of Idaho
- M76 Stock and Flow Pollutants and Environmental Kuznets Curve Relationship in Water Pollution  
**Mahesh Pandit**, Louisiana State University; **Krishna P. Paudel**, Louisiana State University
- M77 The Influence of Short-Term Financial Incentives on Social Norms and Behaviors  
**Jinhua Zhao**, Michigan State University; **John M. Kerr**, Michigan State University; **Maria Lapinski**, Michigan State University; **Robert S. Shupp**, Michigan State University
- M78 Cost-Effective Management of Aquatic Invasive Species in the Pacific Northwest: The Case of New Zealand Mudsnaills  
**Youngah Lim**, Oregon State University
- M79 Matching Policy and Place: Comparing the Effectiveness of Conservation Instruments in Different Policy Settings  
**Leah M. Harris**, Michigan State University; **Katherine R. Baylis**, University of Illinois at Urbana-Champaign
- M80 Which Has Proven to Be the Lower-Cost Conservation Strategy: Long Or Short Term Leases?  
**LeRoy T. Hansen**, USDA-Economic Research Service; **Daniel M. Hellerstein**, USDA-Economic Research Service

### Research Methods/Econometrics/Stats

- M81 The Spatial Structure of Farmland Values: A Semiparametric Approach  
**Haoying Wang**, Pennsylvania State University
- M82 Factors Influencing the Spatial Distribution of Biogas Production in Germany  
**Lukas Scholz**, Leibniz Institute for Agricultural Engineering Potsdam-Bornim; **Andreas Meyer-Aurich**, Leibniz Institute for Agricultural Engineering Potsdam-Bornim; **Dieter Kirschke**, Humboldt University of Berlin
- M83 Model Specification Uncertainty and Tax on Sugar-Sweetened Beverages: Bayesian Averaging of Classical Estimates Approach  
**Senarath Dharmasena**, Texas A&M University; **Henry L. Bryant**, Texas A&M University
- M84 Parametric Nonlinear and Nonparametric Approaches of Forecasting Corn and Soybean Basis  
**Yoonsuk Lee**, Oklahoma State University; **B. Wade Brorsen**, Oklahoma State University
- M85 Evidence-Based Improvement of GTAP Cropland Allocation Structure  
**Liang Li**, Purdue University; **Farzad Taheripour**, Purdue University; **Wallace E. Tyner**, Purdue University
- M86 Modeling Cropland Allocation in the U.S. from 1997 to 2010: Theory and Empirical Estimation  
**Liang Li**, Purdue University; **Paul V. Preckel**, Purdue University; **James S. Eales, II**, Purdue University
- M87 Entrance Test Scores and College Dropout: A Censored Quantile Regression Approach  
**Gustavo R. Sampaio**, Federal University of Pernambuco; **Mary P. Arends-Kuenning**, University of Illinois at Urbana-Champaign; **Breno R. Sampaio**, Federal University of Pernambuco

## Posters Monday, August 5, 2013

### Resource and Environmental Policy Analysis

- M88 How to Measure More Sustainable Household Food Consumption Using Supermarket Data?  
**Grada A. Wossink**, University of Manchester; **Luca Panzone**, University of Manchester
- M89 Environmental Regulation: Supported By Polluting Firms But Opposed By Green Firms?  
**Felix Munoz-Garcia**, Washington State University; **Sherzod B. Akhundjanov**, Washington State University
- M90 Does Zoning Cause Sprawl?  
**David Newburn**, University of Maryland; **Jeff Ferris**, University of Maryland
- M91 An Economic Analysis of Transportation Fuel Policies in Brazil  
**Hector M. Nunez**, Centro de Investigación y Docencia Económicas; **Hayri Onal**, University of Illinois at Urbana-Champaign
- M92 Higher Order Impacts of Hurricanes: Evidence from County Level Analysis Using Synthetic Control Methodology of Comparative Case Studies  
**Meri Davlasheridze**, Pennsylvania State University; **Karen Fisher-Vanden**, Pennsylvania State University; **Allen Klaiber**, The Ohio State University
- M93 Market and Welfare Effects of Federal Renewable Energy Policy in the US Electricity Sector  
**Suparna Bhattacharya**, University of Nebraska; **Konstantinos Giannakas**, University of Nebraska; **Karina Schoengold**, University of Nebraska
- M94 Firm Structure, Environmental Regulation, and Manufacturing Activities  
**Jingbo Cui**, Iowa State University
- M95 Double-Dipping in Agri-Environmental Programs: Water Quality Trading Program and Carbon Markets  
**Adriana M. Valcu**, Iowa State University; **Sergey S. Rabotyagov**, University of Washington; **Catherine Kling**, Iowa State University
- M96 Population Dynamics, Economic Growth and Energy Consumption in Kenya  
**Nyakundi M. Michieka**, West Virginia University; **Jerald J. Fletcher**, West Virginia University
- M97 The Costs of Local Air Quality Mitigation Measures on Dairies in the San Joaquin Valley  
**Wei Zhang**, University of California, Davis
- M98 Do the Trade Winds Alter the Trade Flow? Assessing Impacts of Enso Shocks on World Cereal Supply  
**Nelson B. Villoria**, Purdue University; **David Ubilava**, University of Sydney
- M99 The National Flood Insurance Program Underwater: Censored Regressions on Flood Insurance Claims  
**Ashley Hungerford**, North Carolina State University; **Barry K. Goodwin**, North Carolina State University; **Sujit K. Ghosh**, North Carolina State University
- M100 Dynamically Optimal Strategies for Managing Pest Resistance to Bt Crops By Mass Release of Susceptible Pests  
**Zhe Dun**, University of Wisconsin; **Paul D. Mitchell**, University of Wisconsin
- M101 Impact of the Grain for Green Program on Forest Cover in China  
**Guanlong Fu**, University of Rhode Island; **Muna Shah**, University of Rhode Island; **Emi Uchida**, University of Rhode Island; **Xiangzheng Deng**, Chinese Academy of Sciences; **Jintao Xu**, Peking University; **Scott D. Rozelle**, Stanford University; **John K. Gibson**, Waikato Management School; **Jikun Huang**, Chinese Academy of Sciences

### Rural/Community Development

- M102 Can Urban Economics Inform Rural Decision-Making? Innovation, Inventors, and External Economies  
**Andrew A. Toole**, USDA-Economic Research Service; **Sarah A. Low**, USDA-Economic Research Service
- M103 How Market Structure Affects Firm Entry in Rural and Urban Communities: Evidence from Iowa  
**Georgianne M. Artz**, Iowa State University; **Younjun Kim**, Iowa State University; **Peter F. Orazem**, Iowa State University
- M104 Agricultural Diversification and Beekeeping: A Study of Rural Ethiopian Farmers  
**Anna Leigh Josephson**, Purdue University
- M105 Migration Decisions Within the Job Search Framework: Implications for Understanding the “Resource Curse”  
**Ekaterina Niman**, University of Guelph; **Brady James Deaton, Jr.**, University of Guelph; **Louise Grogan**, University of Guelph
- M106 Attracting Retirees as a Rural Development Strategy: Identifying and Mapping the Potential  
**John L. Pender**, USDA-Economic Research Service; **Robert Dinterman**, North Carolina State University

## Posters Monday, August 5, 2013

---

- M107 From Agriculture to Manufacturing and Back: Old Industrial Regions as Prospective Incubators for Local Food Systems  
**Kate A. Vaiknoras**, Virginia Polytechnic Institute and State University; **Kathryn A. Boys**, Virginia Polytechnic Institute and State University
- M108 The Geographic Distribution of Commercial Fishing: Increasing Returns and Break Points  
**Cameron Speir**, National Oceanic and Atmospheric Administration
- M109 Response to Sales Tax Rates in Nonmetropolitan Communities  
**B. Wade Brorsen**, Oklahoma State University; **Notie H. Lansford, Jr.**, Oklahoma State University

### Teaching, Communication, and Extension

- M110 Does Flipping the Classroom Lead to Learning Gains & Increased Student Satisfaction: Comparison of Experiments in Apec 3551 & 1251  
**Ward E. Nefstead**, University of Minnesota
- M111 Rating the Websites of Agricultural Experiment Stations  
**Jon C. Phillips**, California State Polytechnic University, Pomona; **Adriana Ortega**, California State Polytechnic University, Pomona
- M112 Using a Social News and Discussion Forum to Engage Students in Agricultural Economics and Agricultural Marketing: A Comparison  
**MXiaowei Cai**, California Polytechnic State University, San Luis Obispo; **Lindsey M. Higgins**, California Polytechnic State University, San Luis Obispo; **Marianne McGarry Wolf**, California Polytechnic State University, San Luis Obispo
- M113 Food for Thought: The Impact of Integrated Student Experiences on Learning  
**Leah Greden Mathews**, University of North Carolina at Asheville; **Jason Wingert**, University of North Carolina at Asheville; **Sally Wasileski**, University of North Carolina at Asheville; **Karin Peterson**, University of North Carolina at Asheville; **David Clarke**, University of North Carolina at Asheville; **Amy Lanou**, University of North Carolina at Asheville
- M114 Understanding and Managing Risk and Return for Small-Scale Value-Added Food Businesses  
**Martha J. Sullins**, Colorado State University; **Ashley M. Colpaart**, Colorado State University; **Dawn D. Thilmany McFadden**, Colorado State University; **Marisa Bunning**, Colorado State University

## Posters Tuesday, August 6, 2013

### Committee on Women in Agricultural Economics

- T1 The Value of Legal Status--A Hedonic Analysis of the Earnings of U.S. Farm Workers  
**Sun Ling Wang**, USDA-Economic Research Service; **Daniel Carroll**, U.S. Department of Labor; **Richard Nehring**, USDA- Economic Research Service
- T2 Impacts of Allowing Mexican Hass Avocados Entry into the United States  
**Monica Galli**, USDA-Animal and Plant Health Inspection Service; **Andrew Malone**, USDA-Animal and Plant Health Inspection Service
- T3 Success Factors for Small-Scale Diversified Farms  
**Kynda Curtis**, Utah State University; **Mary Shepherd**, Utah State University; **Ruby Ward**, Utah State University
- T4 What's For Lunch? Determinants of the National School Lunch Program Menu  
**Janet G. Peckham**, Clemson University
- T5 The Identification and Formation of Clusters of Northeastern United States Farms Participating in Multifunctional Activities  
**Ioana (Julia) I. Marasteanu**, Pennsylvania State University; **Dr. Chyi-Lyi (Kathleen) Liang**, University of Vermont; **Dr. Stephan Goetz**, Pennsylvania State University
- T6 Multifunctional Agriculture and Implications on Rural Economy  
**Chyi-lyi (Kathleen) Liang** and **Flora Su**, University of Vermont
- T7 Experimental Financial Decisions in Tanzania  
**Aine Seitz McCarthy**, University of Minnesota
- T8 Is the High-dose/refuge Strategy enough to Control Insect Resistance to Bt Crops?  
**Zhe Dun**, University of Wisconsin; **Paul D. Mitchell**, University of Wisconsin

### Extension Section

- T9 Evaluation Strategies for Demonstrating Value in Extension Programming  
**Kynda R. Curtis**, Utah State University; **JoAnn Warner**, Washington State University; **Martha Sullins**, Colorado State University
- T135 An Overview of Supplemental Crop Insurance Proposals  
**Jody Campiche**, Oklahoma State University; **Rodney Jones**, Oklahoma State University
- T136 Economic and Agronomic Benefits Associated with Mid-South Soybean Verification Program  
**C.Robert Stark**, University of Arkansas
- T137 Farmland Purchase Analysis: A Comparison of Decision Aids and Methodological Approaches  
**William Edwards**, Iowa State University; **Kevin Dhuyvetter**, Kansas State University; **Gary Schnitkey**, University of Illinois

### Teaching, Learning, and Communication Section

- T10 Engaging Agricultural Policy Students in the Policy Process through a State Legislature Capitol Field Trip Visit  
**C. Robert Stark, Jr.**, University of Arkansas at Monticello
- T11 Analyzing the Preparedness of Undergraduates in Agricultural Economics  
**Rachael Brown**, University of Kentucky
- T12 Do Males and Females Perform Differently on Different Types of AGECE 500 Test Questions?  
**Abigail L. Jager**, Kansas State University; **Robert O. Burton, Jr.**, Kansas State University; **Alexi S. Thompson**, Kansas State University; **Levi A. Russell**, Kansas State University; **Michael R. Langemeier**, Purdue University
- T13 A Futures Trading Project to Promote Active Learning in Agricultural Economics Courses  
**Max St. Brown**, Washington State University; **Jared Woolstenhulme**, Washington State University
- T14 Interdisciplinary Approaches in Agribusiness Education through STEM Early College Program  
**Kenrett Y. Jefferson-Moore**, North Carolina A&T State University; **Stacey Alston**, The STEM Early College at N.C. A&T

### Food and Agricultural Marketing Policy Section

- T15 Peanut Products Expenditure and Its Retail Outlets Choice in the Urban Households of Ghana  
**Ting Meng**, University of Georgia; **Wojciech J. Florkowski**, University of Georgia; **Daniel Sarpong**, University of Ghana-Legon; **Anna V. A. Resurreccion** and **Manjeet Chinnan**, University of Georgia



## Posters Tuesday, August 6, 2013

T16 Is Pest Susceptibility a Nonrenewable Resource in Controlling Resistance to Bt Crops?

**Zhe Dun**, University of Wisconsin; **Paul D. Mitchell**, University of Wisconsin

T17 Assessing the Effectiveness of Generic Advertising for 100% Orange Juice

**Matthew J. Salois**, Florida Department of Citrus

### Ag Finance and Farm Management

T18 What Makes Soil Sampling More Durable Than Yield Monitors Into the Future?

**Sofia Kotsiri**, North Carolina State University; **Roderick M. Rejesus**, North Carolina State University; **Michele C. Marra**, North Carolina State University; **Margarita M. Velandia**, University of Tennessee; **Roland K. Roberts**, University of Tennessee; **Dayton M. Lambert**, University of Tennessee; **James A. Larson**, University of Tennessee; **Ashok K. Mishra**, Louisiana State University; **Chenggang Wang**, Texas Tech University

T19 Cap Effects on Agricultural Investment Demand in Europe

**Giovanni Guastella**, Università Cattolica del Sacro Cuore; **Daniele Moro**, Università Cattolica del Sacro Cuore; **Paolo Sckokai**, Università Cattolica del Sacro Cuore; **Mario Veneziani**, Università Cattolica del Sacro Cuore

T20 The Capitalisation of Area Payments Into Land Rental Prices: Micro-Evidence from Italy

**Giovanni Guastella**, Università Cattolica del Sacro Cuore; **Daniele Moro**, Università Cattolica del Sacro Cuore; **Paolo Sckokai**, Università Cattolica del Sacro Cuore; **Mario Veneziani**, Università Cattolica del Sacro Cuore

T21 Revisiting the Demand for Crop Insurance: Evidences from the Italian Market

**Fabio Gaetano Santeramo**, University of Naples Federico II; **Barry K. Goodwin**, North Carolina State University; **Felice Adinolfi**, University of Bologna; **Fabian Capitanio**, University of Naples Federico II

T22 Factors Determining Long-Term Trends of Agricultural Land Values in South Dakota

**Larry L. Janssen**, South Dakota State University; **Kuo-Liang Chang**, South Dakota State University; **Kopila Bhattarai**, South Dakota State University

T23 Determinants of Wages, Benefits and Bonuses for Farm Employees

**William M. Edwards**, Iowa State University; **Georgeanne M. Artz**, Iowa State University

T24 Economic Impacts of the 2011 Drought on the Southern High Plains

**Donna Mitchell**, Texas Tech University; **Phillip N. Johnson**, Texas Tech University

T25 Unbiased and Consistent Estimation of Risk Preferences: A Monte Carlo Simulation

**Zhengfei Guan**, University of Florida; **Feng Wu**, University of Florida

### Agribusiness Economics and Management

T26 Determinants of California Farmland Values

**Xiaowei Cai**, California Polytechnic State University, San Luis Obispo; **Jay E. Noel**, California Polytechnic State University, San Luis Obispo

T27 Risk Aversion and Certification Costs as Parameters Influencing Contract Choice: A Mathematical Programming Approach

**Michael Vassalos**, University of Kentucky; **Carl R. Dillon**, University of Kentucky; **Timothy Coolong**, University of Kentucky

T28 Energy Sorghum Response to Nitrogen and Production Cost

**Choolwe Haankuku**, Oklahoma State University; **Francis M. Eppin**, Oklahoma State University; **Vijaya Gopal Kakani**, Oklahoma State University

T29 Seasonal Quality Premiums for Wheat

**Jens-Peter Loy**, University of Kiel

T30 The Housing Market Bust and Farmland Values: Identifying the Changing Influence of Proximity to Urban Centers

**Wendong Zhang**, The Ohio State University; **Cynthia J. Nickerson**, USDA-Economic Research Service

T31 Risk Aversion and Preference for Store Price Format

**Koichi Yonezawa**, Arizona State University; **Timothy J. Richards**, Arizona State University

## Posters Tuesday, August 6, 2013

- T32 Buyer-Specific Land Valuation and Prices: An Empirical Analysis of the Farmland Market in the Czech Republic  
**Jarmila Curtiss**, *Leibniz Institute of Agricultural Development in Central and Eastern Europe*; **Ladislav Jelinek**, *Leibniz Institute of Agricultural Development in Central and Eastern Europe*; **Tomas Medonos**, *Institute of Agricultural Economics and Information*; **Vaclav Vilhelm**, *Institute of Agricultural Economics and Information*; **Martin Hruska**, *Institute of Agricultural Economics and Information*
- T33 Farmers Markets and Location Choice for Value Added Processing  
**Andrea Bouma**, *WhiteWave Foods*; **Catherine A. Durham**, *Oregon State University*; **Lisbeth Goddik**, *Oregon State University*
- T34 Franchising and Productivity in the Retail Establishment Sector  
**Matthew Sveum**, *University of Missouri*; **Michael E. Sykuta**, *University of Missouri*
- T35 Factors Influencing Smallholder Bean and Cowpea Producers' Market Participation in Zambia  
**Vincent Amanor-Boadu**, *Kansas State University*; **Kara Ross**, *Kansas State University*; **Gelson Tembo**, *University of Zambia*

### Demand and Price Analysis

- T36 Using a Control Function to Resolve the Travel Cost Endogeneity Problem in Recreation Demand Models  
**Richard T. Melstrom, Jr.**, *Salisbury University*; **Frank Lupi**, *Michigan State University*
- T37 Disaggregated Retail Food Price Indices Using Homescan Data: An Application to Income Levels and SNAP Benefits  
**Aylin Kumcu**, *USDA-Economic Research Service*; **Richard J. Volpe, III**, *USDA-Economic Research Service*
- T38 Price Dynamics and Forecasts of World and China Vegetable Oil Markets  
**Senarath Dharmasena**, *Texas A&M University*; **Jing Wang**, *Northeast Agricultural University*; **David A. Bessler**, *Texas A&M University*
- T39 Impact of Source and Quality on Rice Import Demand in Cote D'Ivoire  
**Jeanne Y. Coulibaly**, *The Africa Rice Center*
- T40 Residential Electricity Demand, Split Incentives, and Refrigerator Efficiency  
**Dan Werner**, *University of Maryland*
- T41 An Analysis of Farmland Option Value: Ascertain the Nature of the Recent Farmland Bubble Phenomenon  
**Bingbing Wang**, *University of Georgia*; **Cesar L. Escalante**, *University of Georgia*
- T42 Using Pictures to Test the Composite Commodity Theorem: Evidence from Vietnam  
**John K. Gibson**, *Waikato Management School*; **Bonggeun Kim**, *Seoul National University*
- T43 Forced Sales and Farmland Prices  
**Silke Huettel**, *Humboldt University of Berlin*; **Simon Jetzinger**; **Martin Odening**, *Humboldt University of Berlin*
- T44 Optimal Pricing of Online Group-Buying: An Empirical Analysis of Food-Away-From-Home in China  
**Meng Jiang**, *Harbin Institute of Technology*; **Jiaoju Ge**, *Harbin Institute of Technology*; **Zhifeng Gao**, *University of Florida*
- T45 Do Index Fund Traders React to USDA Announcements?  
**Shiyu Ye**, *University of Georgia*; **Berna Karali**, *University of Georgia*
- T46 Impact of Biofuel Demand on Acreage Allocation and Its Implication on Land Use in the Great Plains  
**Dereje B. Megeressa**, *University of Nebraska*
- T47 Cross-Price Elasticities of Demand Across 144 Countries  
**Birgit G. Meade**, *USDA-Economic Research Service*; **Anita Regmi**, *USDA-Office of Chief Scientist*; **James L. Seale, Jr.**, *University of Florida*; **Andrew Muhammad**, *USDA-Economic Research Service*
- T48 Measuring Food Price Differentials Between Small and Large Retailers  
**Joseph T. Llobrera**, *Tufts University*
- T49 A Decomposition of Recent Trends in Wine Demand in the European Union  
**Lorraine S. Mitchell**, *USDA-Economic Research Service*
- T50 A Model of West African Millet Prices in Rural Markets  
**Molly E. Brown**, *NASA*; **Nathaniel A. Higgins**, *USDA-Economic Research Service*; **Beat Hintermann**, *University of Basel*

### Food and Agricultural Marketing

- T51 The Competitive Position and Price Integration of the Black Sea Region in World Wheat Markets  
**Frayne Elton Olson**, *North Dakota State University*; **Daniel M. O'Brien**, *Kansas State University*

## Posters Tuesday, August 6, 2013

- T52 Spatial Arbitrage in the Western Canadian Canola Market  
**Janelle Mann**, University of Manitoba; **Derek G. Brewin**, University of Manitoba
- T53 Estimating the Cost of Liquidity in Livestock Futures Markets Using the Information Contained in the Limit Order Book  
**Enoch O. Omololu**, University of Manitoba; **Julieta Frank**, University of Manitoba
- T54 Developing New Futures Contract Versus Cross-Hedging: A Study in the Brazilian Rice Market  
**Fabio L. Mattos**, University of Nebraska; **Daniel Henrique Dario Capitani**, University of Sao Paulo
- T55 Economic and Nutritional Implications from Changes in US Agricultural Promotion Efforts  
**Shuay-Tsyh Ho**, Cornell University; **Bradley J. Rickard**, Cornell University; **Jura Liaukonyte**, Cornell University
- T56 Does E-Commerce Help Farmers' Markets? Measuring the Impact of Marketmaker  
**Olga U. Isengildina-Massa**, Clemson University; **Samuel D. Zapata**, Clemson University; **Carlos E. Carpio**, Clemson University; **Dave Lamie**, Clemson University
- T57 The Talk at Tailgate Markets: How Interactions Affect Purchase Behavior  
**Leah Greden Mathews**, **Kelly Giarocco**, **Rachel Carson**, **Zoe L. Hamel**, **Eric Gerber**, **Sara Russell**, and **Rebecca Baylor**, University of North Carolina at Asheville
- T58 Impact of Marketing Channels on Perceptions of Quality of Life and Profitability for Wisconsin's Organic Vegetable Farmers  
**Erin Silva**, University of Wisconsin; **Paul D. Mitchell**, University of Wisconsin; **Fengxia Dong**, University of Wisconsin; **John Hendrickson**, University of Wisconsin
- T59 Driving Factors of Retail Price Variation  
**Chenguang Li**, University College; **Richard J. Volpe, III**, USDA-Economic Research Service
- T60 Developing a Consistent Methodology for Estimating Post-Harvest Food Losses Globally  
**Jaspreet Aulakh**, **GRA**, Purdue University, USDA-Economic Research Service; **Anita Regmi**, USDA-Office of Chief Scientist; **Joan R. Fulton**, Purdue University; **Corinne E. Alexander**, Purdue University
- T61 Canadian Food Dollar: Breakdown Between Farm and Marketing Costs  
**Jessica Kelly**, University of Guelph; **Alfons Weersink**, University of Guelph; **John Cranfield**, University of Guelph; **Ken Nakagawa**, Agriculture and Agri-Food Canada
- T62 Store Choice for Fresh Fruits and Vegetables — An Empirical Case Study for Multiple Store Shopping Behavior  
**Yingxian Wu**, Pennsylvania State University; **Edward C. Jaenicke**, Pennsylvania State University
- T63 Adoption and Coexistence of GMO, Conventional Non-GMO, and Organic Crops  
**Catherine R. Greene**, USDA-Economic Research Service; **James C. Hanson**, University of Maryland; **Aaron A. Adalja**, University of Maryland; **Robert Ebel**, USDA-Economic Research Service; **Michael Barron**, USDA-Economic Research Service
- T64 Natural Or Organic: An Empirical Analysis of Ready-To-Eat Cereal Market  
**Lu Huang**, University of Connecticut
- T65 Hedging Canadian Wheat Using US Futures Markets  
**Marjaneh Aghvami**, University of Manitoba; **Julieta Frank**, University of Manitoba
- T66 An Analysis of the Influence of US Imports By Products on the Gulf of Mexico Docksides Price  
**Maryam Tabarestani**, Louisiana State University; **Robert W. Harrison**, Louisiana State University; **Walter R. Keithly, Jr.**, Louisiana State University

### Food and Agricultural Policy Analysis

- T67 Emergence of a New Biofuels Market: A Computable General Equilibrium Analysis  
**Jeffrey J. Reimer**, Oregon State University; **Xiaojuan Zheng**, Oregon State University
- T68 Canadian Cattle Cycles and Cycle Effects of Market Shocks  
**Edgar Edwin Twine**, University of Alberta; **James I. Rude**, University of Alberta; **James R. Unterschultz**, University of Alberta
- T69 Effect of Food-for-Work Programs on Household Cropping Choices: Evidence from Ethiopia  
**Nicholas N. Dadzie**, The Ohio State University; **David S. Kraybill**, The Ohio State University
- T70 Thresholds in Rice Markets  
**Nelissa Jamora**, University of Göttingen; **Friederike A. Greb**, University of Göttingen; **Stephan Von Cramon**, University of Göttingen
- T71 The Unequal Distribution of Body Mass Index: Examining the Effect of State-Level Soft Drink Taxes on Obesity Inequality  
**Tae-Young Pak**, University of Georgia; **Gregory J. Colson**, University of Georgia; **Susana Ferreira**, University of Georgia

## Posters Tuesday, August 6, 2013

- T72 The Implications of Heterogeneous Producer Incentives for Marketing Order Continuation  
**Zoe Plakias**, *University of California, Davis*; **Rachael E. Goodhue**, *University of California, Davis*
- T73 Are Governments of the Right Leviathan for Agriculture?  
**Tor N. Tolhurst**, *University of Guelph*; **Shuang Li**, *University of Guelph*; **John Cranfield**, *University of Guelph*
- T74 The Effect of State Specific Food Stamp Policies on State-To-State Migration  
**Gabrielle Ferro**, *University of Florida*; **Kelly A. Grogan**, *University of Florida*
- T75 Gender Effects on Technology Adoption in Zambia  
**Mariana Saenz**, *University of Nebraska*
- T76 Determinants of Food Insecurity in Mexican Households  
**David Magana-Lemus**, *Texas A&M University*; **Ariun Ishdorj**, *Texas A&M University*; **C. Parr Rosson, III**, *Texas A&M University*
- T77 Modeling the Impacts of Adapting Bt Cotton by African Countries on World Fiber and Bioenergy Crop Markets  
**Deepayan Debnath**, *Oklahoma State University*; **Amani E. Elobeid**, *Iowa State University*; **Miguel A. Carrquiry**, *Iowa State University*
- T78 Could the Net Health Effect of Food Stamps be Negative?  
**Amanda S. Weaver**, *Oklahoma State University*; **Jayson L. Lusk**, *Oklahoma State University*
- T79 No Time to Eat: An Analysis of Eating and Food Preparation Time Among Single-Headed Households  
**Mark Senia**, *Iowa State University*; **Helen H. Jensen**, *Iowa State University*; **Oleksandr Zhylyevskyy**, *Iowa State University*
- T80 Tradeoff Between Efficiency and Equity in the Targeting of the Conservation Reserve Program  
**JunJie Wu**, *Oregon State University*; **Jialing Yu**, *Oregon State University*; **Haixia Lin**, *Oregon State University*
- T81 Getting the Most for Federal Dollars: Landowner Responsiveness to Conservation Incentives  
**James Manley**, *Towson University*; **Jason Mathias**
- T82 El Nino Southern Oscillation Impacts on Crop Insurance  
**Jesse B. Tack**, *Mississippi State University*; **David Ubilava**, *University of Sydney*
- T83 Allocative Efficiency, Supply Management, and Canadian Agriculture  
**Olubukola Oyewumi**, *Alberta Agriculture and Rural Development*
- T84 The Relative Price Effects on the Land Allocation of Top Staple Crops in the US Before and After the Energy Policy Act of 2005  
**Ekaterina A. Vorotnikova**, *University of Florida*; **James L. Seale, Jr.**, *University of Florida*
- T85 The Pesticides We Eat: Health Risks and EPA Pesticide Regulation  
**Elisabeth Newcomb Sinha**, *University of Maryland*
- T86 Subsidy Incidence in Farmland Rents: An Application of Ricardian Rent Theory With Uncertainty and Transaction Costs  
**Feng Qiu**, *University of Alberta*

### Industrial Org./Supply Chain Management

- T87 Online and Offline Quality Sorting: The Role of Attribute Transparency  
**Jafar Olimov**, *The Ohio State University*
- T88 WITHDRAWN
- T89 Strategic Choice of Organizational Form: A Theoretical Model and Empirical Evidence  
**Guenter H. Schamel**, *Free University of Bozen-Bolzano*; **Francisco J. Santos Arteaga**, *Free University of Bozen-Bolzano*
- T90 Cross Pass-Through in a Structural Framework  
**Vardges Hovhannisyan**, *University of Minnesota*; **Marin Bozic**, *University of Minnesota*

### International Trade

- T91 The Impact of Federal Marketing Order on the US' Pistachio Exports  
**Bo Xiong**, *University of California, Davis*
- T92 Price Non-Stationarity and Import Demand for Milk in China  
**Jing Wang**, *Northeast Agricultural University*; **Senarath Dharmasena**, *Texas A&M University*
- T93 Ethanol Trade as Impacted By Climatic Variability: Lessons from the US-Brazil Experience  
**Rachna Tewari**, *Texas Tech University*; **Jeffrey W. Johnson**, *Texas Tech University*; **Jaime E. Malaga**, *Texas Tech University*; **Donna Mitchell**, *Texas Tech University*

## Posters Tuesday, August 6, 2013

- T94 Reconciling WTO Boxes and PSE Data in the GTAP Framework to Calculate Indicators for Domestic Support  
**Kirsten Urban**, *University of Hohenheim*; **Hans Grinsted Jensen**, *University of Copenhagen*; **Martina E. Brockmeier**, *University of Hohenheim*
- T95 Impacts of Export Restrictions on the Ukrainian Wheat Market: A Stochastic Partial Equilibrium Approach  
**Kateryna Goychuk**, *University of Missouri*
- T96 The Impact of Non-Tariff Barriers on Trade: The Gravity Model on Turkish Agri-Food Products  
**Serhat Asci**, *University of Florida*; **Ahmet Ali Koc**, *Akdeniz University*; **Sukru Erdem**, *Akdeniz University*
- T97 The Role of Intellectual Property Rights in Seed Technology Transfer Through Trade: Evidence from US Field Crop Exports  
**Minyu Zhou**, *The Ohio State University*; **Ian M. Sheldon**, *The Ohio State University*

### Production Economics

- T98 Biotechnology-Based Bioenergy Production: Implications for Crop Rotations  
**Scott W. Fausti**, *South Dakota State University*; **Evert Van Der Sluis**, *South Dakota State University*; **Bashir A. Qasmi**, *South Dakota State University*; **Jonathan Lundgren**, *USDA-Agricultural Research Service*
- T99 Foliar Fungicides for Winter Wheat  
**Nathanael M. Thompson**, *Oklahoma State University*; **Francis M. Epplin**, *Oklahoma State University*; **Jeffrey T. Edwards**, *Oklahoma State University*; **Robert M. Hunger**, *Oklahoma State University*
- T100 Multivariate Decomposition of Measured Agricultural Yield Difference  
**Simone Pieralli**, *University of Maryland, Humboldt University-Berlin*
- T101 Sustainable Agricultural Intensification in Southern Tanzania - A Bio-Economic Model Approach  
**Mark Musumba**, *The Earth Institute, Columbia University*; **Yuquan Zhang**, *Research Triangle Institute International*; **Kyle DeRosa**, *The Earth Institute, Columbia University*
- T102 Yield Response to Nitrogen With Time Trend and Non-normality  
**Frederic B. Ouedraogo**, *Oklahoma State University*; **B. Wade Brorsen**, *Oklahoma State University*
- T103 Switchgrass Biomass Yield and Fertilizer Requirements by Month of Harvest: Economic Consequences of Nutrient Remobilization and Translocation  
**Amadou Gouzaye**, *Oklahoma State University*; **Francis M. Epplin**, *Oklahoma State University*; **B. Wade Brorsen**, *Oklahoma State University*; **Yanqi Wu**, *Oklahoma State University*; **Shiva Makaju**, *Oklahoma State University*
- T104 Assessing Conditional Probabilities of Adopting Conservation Practices of Kansas Farmers  
**Sheng Gong**, *Kansas State University*; **Jason S. Bergtold**, *Kansas State University*
- T105 Optimizing the Cost and Greenhouse Gas Emissions of Switchgrass Supply System to Biorefineries: A Case Study of Tennessee  
**Zidong Wang**, *University of Tennessee*; **Tun-Hsiang Yu**, *University of Tennessee*; **Burton C. English**, *University of Tennessee*; **James A. Larson**, *University of Tennessee*
- T106 China's Agriculture under Urbanization: A Partial Equilibrium Analysis  
**Yuquan Zhang**, *Research Triangle Institute International*; **Robert H. Beach**, *Research Triangle Institute International*; **Yongxia Cai**, *Research Triangle Institute International*
- T107 Measuring National and Global Economic Impacts of Canadian Producer-Funded Agricultural R&D  
**Zhihua Xiao**, *University of Saskatchewan*; **Murray E. Fulton**, *University of Saskatchewan*
- T108 Supply Response of Livestock Producer to Corn Price  
**Dong Hee Suh**, *University of Florida*; **Charles B. Moss**, *University of Florida*
- T109 Comparison of Production Risks in the State-Contingent Framework: Application to Panel Data Set  
**Kota Minegishi**, *University of Maryland*
- T110 Optimizing Yield Under Genetic and Economic Constraints: Breeding Strawberries With Optimal Yield Curve  
**Feng Wu**, *University of Florida*; **Zhengfei Guan**, *University of Florida*; **Vance Whitaker**, *University of Florida*
- T111 Parametric Distance Function to Efficiency Analysis of Greenhouse Gases Emissions in US Agriculture  
**Tshepelayi Kabata**, *University of Nebraska*
- T112 Optimal Size of Cellulosic Ethanol Plant under Uncertainty  
**Wei Zhou**, *Iowa State University*

## Posters Tuesday, August 6, 2013

### Productivity Analysis and Emerging Technologies

- T113 Economic Evaluation of Breeding Strategies for Common Beans  
**Predrag Rajsic**, University of Guelph; **Alfons Weersink**, University of Guelph
- T114 Social Capital and the Adoption of Improved Cropping Practices for Neglected Cereals: The Case of Finger Millet in Western Kenya  
**Christina Handschuch**, University of Göttingen; **Meike Wollni**, University of Göttingen
- T115 Valuing State Level Funding for Agricultural Research: Results for the Southeastern United States  
**Charles B. Moss**, University of Florida; **Gulcan Onel**, University of Florida
- T116 Public Policy, Induced Innovation and Private Research: The Case of Agriculture  
**Simla Tokgoz**, International Food Policy Research Institute; **Keith O. Fuglie**, USDA-Economic Research Service
- T117 Selection and Agglomeration Impact on Firm's Productivity- A Study of Taiwan's Manufacturing Sector  
**Syed Hasan**, The Ohio State University; **Allen Klaiber**, The Ohio State University; **Ian M. Sheldon**, The Ohio State University
- T118 Adoption of Improved Seed, Maintenance of Diversity and Implications on Maize Productivity and Production Risk in Kenya.  
**Brian Chiputwa**, University of Göttingen; **Gentian Kostandini**, University of Georgia
- T119 Optimal R&D Investments in Plant Breeding With IPRS and Flexibility Between Hybrid and Herbicide Tolerance Trait Development  
**Mehdi Arzandeh**, University of Manitoba; **Derek G. Brewin**, University of Manitoba
- T120 Do Patent Citations Predict Market Value? The Case of Agricultural Biotechnology Patents  
**Anwar Naseem**, McGill University; **Rohit Singla**, Postdoctoral Fellow, McGill University
- T121 Ex Post Economic Impact Assessment of Research Investment on Cowpea Varietal Development in Senegal  
**Benjamin Magen**, Michigan State University; **Mywish K. Maredia**, Michigan State University; **Eric W. Crawford**, Michigan State University
- T122 Food Security and Economics of Innovation in Maize Production: A Case Study of Drought Tolerant Maize Variety in Guinea Savannah Zone of Nigeria  
**Opeyemi E. Ayinde**, Senior lecturer, University of Ilorin

### Risk and Uncertainty

- T123 The Impact of Idiosyncratic and Covariate Shocks on Changes in Risk Preferences Between the Lean and Harvest Seasons for Smallholder Farmers in Vietnam  
**Thea Nielsen**, University of Hohenheim; **Manfred Zeller**, University of Hohenheim
- T124 Incorporating Historical Weather Experience Into Yield Distributions  
**Julia I. Borman**, North Carolina State University
- T125 Doubt on Fertilizer Quality and Its Effect on Application Rate: A Case Study of Disituan, China  
**Ling Yee Khor**, University of Hohenheim; **Manfred Zeller**, University of Hohenheim
- T126 Analyzing Higher Moments of Nitrogen Response for Risk Efficient Fertilizer Application in Wheat and Corn Production  
**Andreas Meyer-Aurich**, Leibniz Institute for Agricultural Engineering Potsdam-Bornim; **Predrag Rajsic**, University of Guelph; **Markus Gandorfer**, Technical University of Munich
- T127 Riskiness of Bioenergy Crop Production in the United States  
**Ruiqing Miao**, University of Illinois at Urbana-Champaign; **Madhu Khanna**, University of Illinois at Urbana-Champaign
- T128 Can Farmers Savings Accounts Be Secured for Extreme Weather Events?  
**Dmitry V. Vedenov**, Texas A&M University; **Leonardo F. Sanchez**, Texas A&M University
- T129 Managing the Agricultural Revenue Risk in Brazil: Implications for Developing a Crop Insurance Program  
**Vitor Ozaki**, University of Sao Paulo; **Andreia Adami**, Center for Advanced Studies on Applied Economics
- T130 Heteroscedasticity and the Estimation of the Risk Balancing Model  
**Charles B. Moss**, University of Florida; **Lisha Zhang**, University of Florida; **Ashok K. Mishra**, Louisiana State University
- T131 Property Damage from Flooding in the Context of Climate Change and Economic Growth  
**Jing Liu**, Purdue University; **Thomas W. Hertel**, Purdue University; **Noah Diffenbaugh**, Stanford University

# Posters Tuesday, August 6, 2013

---

## Invited Case Studies

- T132** The Future of Michigan Agriculture Environmental Assurance Program (MAEAP)  
*Satish Joshi, Michigan State University; Steven R. Miller, Michigan State University; Abdullahi O. Abdulkadri, The University of the West Indies; Sandra S. Batie, Michigan State University*
- T133** Oak Creek Farms: A Family Farm in Transition  
*David Widmar, Purdue University; Michael Boehlje, Purdue University; W. Scott Downey, Purdue University; Allan W. Gray, Purdue University*
- T134** Assessing Profit Maximization Strategies for Wheat Production in Anticipation of Climate Change and Demand for Alternative Fuel Crops: A Case Study Approach  
*Clark F. Seavert, Oregon State University; Teri J. McGettigan, Oregon State University; Steve Petrie, Oregon State University; Sandy MacNab, Oregon State University; Susan M. Capalbo, Oregon State University*