

# Northeastern Agricultural and Resource Economics Association Meetings

June 7-10, 2009

Burlington, Vermont

Sheraton Hotel

Revised Preliminary Program April 23, 2009

## SUNDAY, JUNE 7, 2009

1:30 pm – 4:30 pm      **NAREA Executive Board Meeting**

3:00 pm – 7:30 pm      **Registration**

7:00 pm – 9:00 pm      **Evening Reception**

## MONDAY, JUNE 8, 2009

7:00 am – 8:30 am      **Continental Breakfast**

7:30 am – 4:30 pm      **Registration**

8:00 am – 9:30 am      **Invited Presentation:**

“What You Don't Know Can Hurt You: The Economics of Food Quality in Developing Countries”  
Vivian Hoffman, Assistant Professor, Agricultural and Resource Economics, University of Maryland

Moderator: Jacqueline Geoghegan, Clark University, President-Elect NAREA

9:30 am – 9:45 am      **Morning Break**

9:45 am – 11:15 am      **SELECTED PAPER SESSIONS 1.a – 1.d**

1.a      **Agricultural Land Preservation**

**Diamond I Ballroom**

**Moderator: Kathleen Bell, University of Maine**

“Local Development Pressure and Land Use Decisions: Farmland Change within Diversified Agricultural Networks” Jessica Hyman, University of Vermont Center for Rural Studies; Will Sawyer, University of Vermont Center for Rural Studies

“A Hedonic Model of Agricultural Land Impacts on Residential Land Values: Evidence from Delaware” Allison Borchers, University of Delaware; Joshua Duke, University of Delaware

“Informing Farmland Preservation when Primary Research is Unavailable: Does Common Practice Reduce the Validity and Relevance of Benefit Transfer?” Robert Johnston, Clark University; Joshua Duke, University of Delaware

“Understanding Factors Contributing to the Appreciation of Preserved Farmland” Brian Schilling, Rutgers, The State University of New Jersey; Kevin Sullivan, Rutgers, The State University of New Jersey; Lucas Marxen, Rutgers, The State University of New Jersey

1.b      **Measuring Willingness-To-Pay**

**Diamond II Ballroom**

**Moderator: Heather Klemick, U.S. Environmental Protection Agency**

“Does Consumer WTP Change Over Time in Response to Food Scares?” Robin Dillaway, University of Delaware; Kent Messer, University of Delaware; Harry Kaiser, Cornell University; John Bernard, University of Delaware

“Comparing Multiple Bounded Discrete Choice Approach with Stochastic Payment Card and Open Ended: Results from a Survey of WTP for Air Quality Improvement in Beijing” Zhi Li, University of Rhode Island

“Consumers Willingness-to-Pay for Organic Ethnic Specialty Produce in the East-Coast United States” Ramu Govindasamy, Rutgers University; Anoma Ariyawardana, University of Peradeniya; Venkata Puduri, Rutgers University

“How Much are Tourists Willing to Pay for Beach Amenities? Evidence from a Choice Modelling Experiment in Barbados” James Casey, Washington and Lee University; Peter Schuhmann, UNC-Wilmington

1.c **Dairy**

**University Amphitheater**

**Moderator: David Just, Cornell University**

“Human Resource Management on Dairy Farms: Is it Profitable to invest in People?”

Jeffrey Hyde, The Pennsylvania State University; Sarah Roth, The Pennsylvania State University; Lisa Holden, The Pennsylvania State University

“Information Asymmetry, Product Labeling, and Price Premiums: The Case of Labeling for RbST-free Fluid Milk” Lan Li, Cornell University; Harry Kaiser, Cornell University; Edward McLaughlin, Cornell University; Diansheng Dong, ERS, USDA

“Long-term Profitability of New England Organic Dairy Farms: A 4 year Analysis” Robert Parsons, University of Vermont; Qingbin Wang, University of Vermont

“Altering Milk Components Produced by the Dairy Cow: Estimation by a Multiple Output Distance Function”; Jaesung Cho, Cornell University; Masato Nakane, Cornell University; Loren Tauer, Cornell University

1.d **Labels and Trade**

**Valcour**

**Moderator: Carolyn Dimitri, Economic Research Service, USDA**

“Japanese Willingness to Pay for Agricultural products with the U.S.A. Label: A Choice-Based Conjoint Analysis for Pork” John Bernard, University of Delaware; Haiyan Jiang, University of Delaware; Kikaru Hanawa Peterson, Kansas State University; John Fox, Kansas State University

“COOL Effects on U.S. Shrimp Trade” Siny Joseph, University of Massachusetts Amherst; Nathalie Lavoie, University of Massachusetts of Amherst; Julie Caswell, University of Massachusetts Amherst

“Are Labels Helpful Tools to Identify Typical Foods? A Survey of Italian Consumers” Riccardo Vecchio, University of Naples “Parthenope”

“The Effects of Currency Movement on Wheat Trade of the United States and China” Miaomiao Wang, Texas Tech University; Shiliang Zhao, Texas Tech University

**11:30 am – 1:00 pm Awards Luncheon and Welcome**

**1:15 pm – 2:45 pm**

**SELECTED PAPER SESSIONS 2.a – 2.d**

2.a **Spatial Analysis**

**Diamond I Ballroom**

**Moderator: Jill Caviglia-Harris, Salisbury University**

“Agriculture and the Environment: A Spatial and Economic Analysis” Kornelia Dabrowska, The Ohio State University; Fred Hitzhusen, The Ohio State University

“A Spatial-Dynamic Model of the Economics of Groundwater Contamination” Yusuke Kuwayama, University of Illinois at Urbana-Champaign; Nicholas Brozovic, University of Illinois at Urbana-Champaign

“The Value of Land Use Patterns and Preservation Policies” Martin Heintzelman, Clarkson University

“Conservation of Species in Human Altered Landscapes Using a Spatially-Explicit, Dynamic Land Allocation Model” Dana Bauer, Boston University

2.b **Organic and Local Foods**

**Diamond II Ballroom**

**Moderator: Cheryl Brown, West Virginia University**

"Contract Use by Certified Organic Intermediaries to Manage Risk and Reduce Transaction Costs" Carolyn Dimitri, Economic Research Service, USDA; Michelle Da Pra, Economic Research Service, USDA; Lydia Oberholtzer, Penn State University

"Factors Affecting IPM Implementation in Northeast Region Greenhouse Ornamentals" Miguel Gomez, Cornell University; Bradley Rickard, Cornell University; Margaret Skinner, University of Vermont

"Determinants of Vendor Success in Farmers Markets: Evidence from Upstate New York" Todd Schmit, Cornell University; Miguel Gomez, Cornell University

"Identifying and Measuring the Effect of Firm Clusters Among Certified Organic Processors and Handlers" Edward Jaenicke, Penn State University; Stephan Goetz, Penn State University and the NRC for Rural Development; Pin-Chao Wu, Penn State University; Carolyn Dimitri, USDA-ERS

2.c **Pollution Prevention and Waste Disposal**

**University Amphitheater**

**Moderator: Donna Harrington, University of Vermont**

"Pilot-testing Performance-based Incentives for Agricultural Pollution Control in Iowa and Vermont" Jonathan Winsten, Winrock International & The University of Vermont

"The Influence of Municipal Facility Operational Characteristics on the Collection of Household Electronic Waste" Rachel Bouvier, University of Southern Maine; Travis Wagner, University of Southern Maine

"Does Pollution Prevention Reduce Toxic Emissions?" Donna Harrington, University of Vermont; George Deltas, University of Illinois at Urbana-Champaign; Madhu Khanna, University of Illinois at Urbana-Champaign

"Solid Waste Management and Pay-As-You Throw Policy in NH: Spatial Analysis" Aliya Sassi, University of New Hampshire; John Halstead, University of New Hampshire; Ju-Chin Huang, University of New Hampshire

2.d **Natural Resource Values**

**Valcour**

**Moderator: Dan Lass, University of Massachusetts**

"Economic Analysis of the Availability of Soil Survey Information" Archana Pradhan, West Virginia University; Jerald Fletcher, West Virginia University

"Temporal Stability of Recreation Choices" Stela Stefanova, University of Delaware; George Parsons, University of Delaware

"Using Aggregate License Purchases to Estimate a Site Choice Model of Recreation Demand" David Massey, US EPA; Stephen Newbold, US EPA; Adam Daigneault, US EPA

**2:45 pm – 3:00 pm**

**Afternoon Break**

**3:00 pm – 4:30 pm**

**SELECTED PAPER SESSIONS 3.a – 3.d**

3.a **Tropical Forests and Carbon**

**Diamond I Ballroom**

**Moderator: Jonathan Winsten, University of Vermont**

"Valuing Tropical forests and Competing Land Use: The Evolution of Land Markets in the Amazon Frontier" Jill Caviglia-Harris, Salisbury University; Erin Sills, North Carolina State University

"Accounting for Carbon in Models of Land Use and Implications for Payments for Environmental Services: An Application to Southern Mexico" Jacqueline Geoghegan, Clark University; Deborah Lawrence, University of Virginia; Laura Schneider, Rutgers University

"Estimating the Non-Market Value of Carbon Policies in a Computable General Equilibrium Framework: An Application to Regulatory Impact Analysis" Brett Gelso, Booz Allen Hamilton; Eric Hurley, Booz Allen Hamilton; Jennifer Li, Booz Allen Hamilton

"Determinants of Secondary Forest Cover and Spatial Interactions in a Private Tenure Shifting Cultivation System" Heather Klemick, US EPA, National Center for Environmental Economics

3.b **Symposium**

**Diamond II Ballroom**

**Moderator: Lori Lynch, University of Maryland, President NAREA**

"Serving the Needs of the Next Generation of Agricultural and Resource Economics Leaders" Fen Hunt, USDA-CSREES; Siva Sureshwaran, USDA-SCREES; Lori Lynch, University of Maryland at College Park; Stephen Swallow, University of Rhode Island

3.c **Agricultural Production**

**University Amphitheater**

**Moderator: Farhed Shah, University of Connecticut**

"Influence of DAP Production Cost on DAP Price" Wen-yuan Huang, Economic Research Service, USDA; Jayson Beckman, Economic Research Service, USDA

"Consumer Choice, Pricing and Vertical Organization of Differentiated Products: The Case of Soybean Seed Industry" Guanming Shi, University of Wisconsin-Madison; Jean-Paul Chavas, University of Wisconsin-Madison

"Discrete-Choice Models of Demand for Business and Crop Insurance" Edouard Mafoua-Koukebene, State University of New York

"Credit Cycles: Causal Evidence from Agriculture" Barrett Kirwan, University of Maryland

3.d **Regional Development**

**Valcour**

**Moderator: John Halstead, University of New Hampshire**

"Linking Retired Individuals Skills at the End of Broadband with Employer Needs: A Potential for Increased Rural Employment in New England?" Doug Morris, University of New Hampshire; Lyndon Goodridge, University of New Hampshire

"Population Dynamics: Drivers of the Young and Retiree Age Groups in the U.S. and Implications to Urban and Rural Economic Development" Yohannes Hailu, Michigan State University; Soji Adelaja, Land Policy Institute Michigan State University; Majd Abdulla, Land Policy Institute Michigan State University

"Transferable Lessons in Marketing and Operation of Agri-tourism – Comparison Between Vermont and Massachusetts" Chyi-lyi (Kathleen) Liang, University of Vermont; Marlow Duffy, University of Vermont, CDAE

"Customizing the Definition of an Agricultural Industry for Policy Analysis" The Case of New Jersey Equine" Paul Gottlieb, Rutgers University; Kevin Sullivan, Rutgers University; Karyn Malinowski, Rutgers University; Brian Schilling, Rutgers University; Diana Orban-Brown, Rutgers University

**4:30 pm – 5:30 pm      NAREA Business Meeting**

***EVENING AND DINNER ON YOUR OWN***

**TUESDAY, JUNE 9, 2009**

**7:00 am – 8:30 am      Continental Breakfast**

**8:00 am – 2:00 pm      Registration for Annual Meeting & Workshop Continues**

**8:00 am – 9:30 am**

**Invited Presentation:**

"Cost-Benefit Analysis at the U. S. Supreme Court: Cooling Water v. Fish"  
Julie Hewitt, Chief, Economic and Assessment Branch, Office of Water, U.S. EPA

Moderator: Jacqueline Geoghegan, Clark University, President-Elect NAREA

**10:00 am – 10:30 am      Morning Break**

10:30 am – 12:00 pm      **SELECTED PAPER SESSIONS 4.a – 4.d**

4.a      **Land and Water Use**      **Diamond I Ballroom**

**Moderator: Robert Johnston, Clark University**

“Assessment of the Technical Efficiency for Agriculture Sector in Egypt” Ayman Abouzeid, University of Connecticut; Farhed Shah, Connecticut University

“Downstream Environmental Impacts of Reservoir Operations” Yoon Lee, University of Connecticut; Ayman Abou-Zeid, Menoufia University; Farhed Shah, University of Connecticut

“Civic Engagement and Land Use Policy Change: Does Social Capital Affect Ecosystem Service Flows?” John Halstead, University of New Hampshire; Patricia Jarema, University of New Hampshire; Karen Conway, University of New Hampshire

“External Validation of CV Using a Hypothetical Referendum: Comparing WTP Estimates Between Voters and Non-Voters in Southern New Hampshire” Daniel Deisenroth, Colorado State University; Craig Bond, Colorado State University; Kelly Giraud Cullen, University of New Hampshire; Greg Caporossi, University of New Hampshire

4.b      **Agricultural Consumption**      **Diamond II Ballroom**

**Moderator: Edward Jaenicke, Pennsylvania State University**

“Impact of Agricultural Policy on Caloric Intake Levels for Specific Food Items” Brad Rickard, Cornell University

“NAREA Selected Paper Proposal: Effects of Pesticide Regulation on Quality-Adjusted Prices for Pesticides on Peaches, 1993-2007” Richard Nehring, U.S. Dept of Agriculture Economic Research Service; Elisabeth Newcomb Sinha, University of Maryland-lead author; Jorge Fernandez-Cornejo, ERS; Arthur Grube, USEPA

“Wine Demand in the United Kingdom and the New World Structural Change: A Source-Disaggregated Analysis” Andrew Muhammad, Mississippi State University

“Supermarket Price Competition: The Case of Yogurt Category in Houston Metropolitan Area” Madiha Zaffou, Texas Tech University; Benaissa Chidmi, Texas Tech University

4.c      **Biodiesel**      **University Amphitheater**

**Moderator: Kathleen Liang, University of Vermont**

“The Effects of U.S. Bio-fuel Policies on the Energy Market: A Comparative Static Analysis” C. Kim, Economic Research Service, USDA; Glenn Schaible, Economic Research Service, USDA; Stan Daberkow, Consultant

“A Real Options Analysis of Ethanol Plant Investment Under Uncertainty” Todd Schmit, Cornell University; Jianchuan Luo, Cornell University

“Technical and Economic Feasibility of Oilseed and Biodiesel Production in the Northeast: Evidence from Vermont” Qingbin Wang, University of Vermont; Emily Stebbins, University of Vermont; Robert Parsons, University of Vermont

“Urban Influence on Costs of Production in the Corn Belt: and How Climate Change and the Ethanol Mandate Matter” Richard Nehring, U.S. Dept of Agriculture Economic Research Service; Charles Barnard, Retired; Vince Brenneman, ERS; Ken Erickson, USDA/ERS; Charles Hallahan, USDA/ERS

4.d      **Experimental Methods**      **Valcour**

**Moderator: Joshua Duke, University of Delaware**

“External Validity of Ambient-based Pollution Control Experiments: A Comparison of Student Participants and Agriculture Professionals” Jordan Suter, Oberlin College; Gregory Poe, Cornell University; Christian Vossler, University of Tennessee

“The Efficacy of Limited Information: Do Bid Maximums Reduce Procurement Costs in Asymmetric Auctions?” Daniel Hellerstein, USDA, Economic Research Service and Nate Higgins, University of Maryland.

“Can Context Effects Mitigate the Free-Riding Behavior that Causes Negative Externalities?: An Experimental Investigation” Jubo Yan, University of Delaware; Jordan Suter, Oberlin College; Kent Messer, University of Delaware

“An Experimental Analysis of Spatial Coordination Games with Local Interactions: A Study of Agglomeration Bonus Mechanisms” Simanti Banerjee, Penn State University; Anthony Kwasnica, Penn State University; James Shortle, Penn State University

12:00      **Lunch with Nobel Laureate Vernon Smith (additional ticket event)**