

Northeastern Agricultural and Resource Economics Association Annual Meeting

June 19-21, 2016

Bar Harbor Regency, Bar Harbor, ME

SUNDAY, JUNE 19, 2016

- 12:30 pm – 8:00 pm** **Registration for Annual Meeting, Foyer**
- 1:30 pm – 5:30 pm** **NAREA Executive Board Meeting, TBD** - Executive board members and invitees only
- 6:00 pm – 7:00 pm** **NAREA Past-Presidents' Roundtable, TBD** - Open to past presidents others by invitation only
- 7:00 pm – 9:00 pm** **Welcome Reception, Stone House**

MONDAY, JUNE 20, 2016

- 7:30 am – 6:00 pm** **Registration for Annual Meeting, Foyer**
- 7:30 am – 8:45 am** **Continental Breakfast, Stone House**

8:45 am – 10:00 am **NAREA Invited Presentation, Stone House**

"Is There Such a Thing as Replication Ethics?"

Dr. Annette Brown, International Initiative for Impact Evaluation

Moderator: Will Wheeler, NAREA President-Elect

10:00 am – 10:25 am **Poster Session and Morning Break, Stone House**

10:30 am – 11:55 pm **SELECTED PAPER SESSIONS 1.a – 1.d**

12:00 pm – 1:25 pm **NAREA Awards Luncheon, Stone House**

The NAREA Award for Outstanding Public Service through Economics

Recipient: David Just, Cornell University

Title: "On the Practical, Ethical and Welfare Implications of Nudging Nutrition"

Moderator: Martin Heintzelman

1:30 pm – 2:55 pm **SELECTED PAPER SESSIONS 2.a – 2.d.**

3:00 pm – 3:25 pm **Poster Session and Afternoon Break, Stone House**

3:30 pm – 4:55 pm **SELECTED PAPER SESSIONS 3.a – 3.d.**

5:00 pm – 5:45 pm **CAM-organized Session "The Truth is Out There: But How Do We Communicate It?"**
Ballroom

5:45 pm – 6:45 pm **NAREA Business Meeting, Ballroom**

7:00 pm – 10:00 pm **Lobster Bake (optional, by registration), Stone House**

TUESDAY, JUNE 21, 2015

7:30 am – 12:00 noon **Registration for Annual Meeting, Foyer**

7:30 am – 8:30 am **Continental Breakfast, Stone House**

8:30 am – 10:00 am **NAREA Invited Presentation, Stone House**

"The Effect of Offshore Wind Power on Recreational Beach Use on the East Coast of the United State:
A Combined RP-SP Analysis"

Dr. George Parsons, University of Delaware

Moderator: Will Wheeler, NAREA President-Elect

10:00 am – 10:15 am **Morning Break, Stone House**

10:15 am – 11:45 am **SELECTED PAPER SESSIONS 4.a – 4.d.**

End of Conference (See the NAREA 2016 Workshop Program for information about the NAREA Workshop)

SESSION 1, MONDAY JUNE 20TH, 10:30 AM – 11:55 PM

Session 1a. Improved Benefit Estimation, Stone House

(Moderator: John Halstead, University of New Hampshire)

“Impacts Of Scenario Visualization In Choice Experiments: A Case Of Non-Hydrological Landscape Attributes Of Green Infrastructure” Yau-Huo Shr (Pennsylvania State University)*, Richard Ready (Montana State University)

“Including Experience and Beliefs in Choice Experiment Analysis: A Necessary Best Practice?” Sahan T Dissanayake (Colby College)

“Preference Elicitation Methods and Valuation Implications: Experimental Evidence from Valuation and Purchase of Water Quality Credits” Pengfei Liu (University of Connecticut)*, Stephen Swallow (University of Connecticut)

“Regional Demand Models for Water-Based Recreation: Combining Aggregate and Individual-Level Choice Data” Nathaniel Merrill (U.S. Environmental Protection Agency, Atlantic Ecology Division)*, Justin Bousquin, Marisa Mazzotta, Kate Mulvaney, Sarina Lyons

Session 1b. Food and Farms, Ballroom

(Moderator: Jim Hanson, University of Maryland)

“Understanding Organic – How Beliefs Affect Willingness to Pay” Sara Albrecht (University of Delaware)*, John Bernard, Devon Meadowcroft

“Examining the Regulatory Environment Facing Northeast Agricultural Producers” Laura Dunn, Adam Rabinowitz (University of Connecticut)*, Ben Campbell, Chris Bruno

“How Foodborne Illness Outbreaks Impact Tomato Farms” Ioana (Julia) Marasteanu (Food and Drug Administration)*, Travis Minor

“Availability of Locally-Grown Foods in the Northeastern United States” Todd Gabe (University of Maine)*, Farhana Nusrat, James McConnon

Session 1c. Energy and Utility Issues, Game Room

(Moderator: Farhed Shah, University of Connecticut)

“Water Utility Pricing and Minimum Charges: What Explains the Differences in West Virginia?” Alan R. Collins (West Virginia University)*, Elham Erfanian

“Economics of Controlling Urban Greenhouse Gas Emissions” Sunhee Kim (University of Connecticut)*, Farhed Shah (University of Connecticut)

“A Comparison of Community Solar Policy Incentives in Three New England States” Sharon Klein (University of Maine)*, Stephanie Coffey (University of Maine)

“Feedback and Social Comparisons as Electricity Conservation Incentives for Non-ratepayers: Evidence from a Field Experiment” Christine Crago, John Spraggon (UMass Amherst)*, Elizabeth Hunter

Session 1d. Farm Profitability, Stewman’s

(Moderator: C.S. Kim, USDA Economic Research Service)

“The Impact of Global Warming on U.S. Agriculture: the Role of Tile Drainage” Kevin Meyer (Iowa State University)*, David A. Keiser (Iowa State University)

“Is ICE Freezing U.S. Agriculture? An Instrumental Variable Approach” Jennifer Ifft (Cornell University)*, Margaret Jodlowski

“Cash Flow and Agricultural Investment” Barrett Kirwan (University of Illinois at Urbana-Champaign)

“Determinants of Small Farm Profitability: How Important Are Local Foods?” Stephen Vogel (USDA-ERS), Becca Jablonski (Colorado State University), Todd Schmit (Cornell University)*

SESSION 2, MONDAY JUNE 20TH, 1:30 PM – 2:55 PM

Session 2a. Experiments, Stone House

(Moderator: Kent Messer, University of Delaware)

“Uncertainty and Intentions in Threshold Public Goods: An Experimental Investigation” Abdul H Kidwai (University of Massachusetts Amherst)*, Angela de Oliveira (University of Massachusetts)

“(Im)patience by Proxy: Making Intertemporal Decisions for Others” Angela de Oliveira (University of Massachusetts), Sarah Jacobson (Williams College)*

“Economic Status Determines Risk Attitudes About Lead and Arsenic Exposure: A Field Study” Maik Kecinski (University of Delaware)*, Kent Messer (University of Delaware)

“Formulating and Testing a New Conservation Auction Mechanism in an Experimental Setting” Steven Otto (Cornell University)*, David Just (Cornell University), Gregory Poe (Cornell University), and William Schulze (Cornell University)

Session 2b. Environmental Policy Design, Ballroom

(Moderator: Will Wheeler, U.S. EPA)

“Declining Discount Rates, Investment-Based Mitigation, And Climate Policy” Chris Kennedy, Shana McDermott (University of New Mexico)*, Matthew Oliver

“Distributional and Growth Implications of a Carbon Tax Policy in India – a Microsimulation Approach” Ashish Tyagi (Pennsylvania State University)

“Direct And Indirect Effects Of Voluntary Pollution Abatement Programs: An Assessment Of Ohio’s Toxminus Program” Michael S. Delgado (Purdue University), Neha Khanna (Binghamton University)*, Xu Wang (Binghamton University)

“Impact of the Energy Policy Act’s 3-Year Inspection Requirement on Compliance at Underground Storage Tanks” Karen Sullivan (US Environmental Protection Agency), Achyut Kafle (US Environmental Protection Agency)*

Session 2c. Crop Production, Game Room

(Moderator: Barrett Kirwan, University of Illinois at Urbana-Champaign)

“A Dynamic Analysis of Sequential Adoption of Precision Package Technologies” David Schimmelpfennig, C. S. Kim (Economic Research Service, USDA)*

“Implications of Subjective Probabilities for Crop Insurance Adoption: Evidence from China” Thomas W. Sproul (Univ. of Rhode Island)*, Clayton P. Michaud (Univ. of Rhode Island), Calum G. Turvey (Cornell University)

“Energy Use In Organic Production Systems” Carolyn Dimitri (New York University)

“Examining The Characteristics Of No-Till Adopters: A Binary-Panel Regression Approach” Tara Wade (NC Agricultural and Technical State University)*, Roger Claassen

Session 2d. Food Safety and Health, Stewman’s

(Moderator: Ted Jaenicke, Penn State University)

“Health vs. Hunger: The Relationship between Caloric Availability and Macro- and Micronutrient Response to Income for a Sample of Nepali Households” Mohammad Ali (University of New Mexico)*, Kira Villa, Janak Joshi

“Consumer Willingness to Pay for Beef Safety Interventions: The Role of Message Framing” Kofi Britwum (University of Nebraska-Lincoln)*, Amalia Yiannaka

“Foodborne Illness Outbreaks and Organic versus Conventional Markets: The Case of Listeriosis in Cantaloupes” Ioana (Julia) Marasteanu (Food and Drug Administration)

“Assessing the Costs and Returns of Food Safety Improvements: A Survey of GAPs Training Participants” Elizabeth Bihn, Gretchen Wall, Elizabeth Newbold, Todd Schmit (Cornell University)*

SESSION 3, MONDAY JUNE 20TH, 3:30 PM – 4:55 PM

Session 3a. Water Pollution, Game Room

(Moderator: Will Wheeler, U.S. EPA)

“Can You Teach an Old Dog New Tricks? Audit Frequency and Audit Quality for Improving Water Quality” Donna Ramirez Harrington (University of Vermont)*, Dietrich Earnhart (University of Kansas)

“Testing Policies for Drinking Water Utilities to Reduce Non Point Source Pollution under Climate Variability” Linda Grand (University of Delaware)*, Jacob Fooks, Kent Messer (University of Delaware)

“Enhancing Ambient Water Quality Using Agricultural Subsidies Tied to Conservation” Leah H. Palm-Forster (University of Delaware)*, Jordan Suter (Colorado State University), Kent Messer (University of Delaware)

“Resource Recovery From Wastewater: Implications For Water Quality And Quantity Management” Yusuke Kuwayama (Resources for the Future)*, Sheila Olmstead (University of Texas-Austin)

Session 3b. Fracking and Fuel, Stone House

(Moderator: Alan Collins, West Virginia University)

“Corn Ethanol and U.S. Biofuel Policy Ten Years Later: A Systematic Review and Meta-analysis” Gal Hochman (Rutgers University)*, David Zilberman (University of California-Berkeley)

“Fracking and Land Productivity: Impacts of Hydraulic Fracturing on Agriculture” Naima Farah (University of Calgary)

“Unconventional Energy Booms and the Lodging Industry: Hotel Supply and Demand in Pennsylvania” Kyle Hoy (Pennsylvania State University), Kathy Brasier, Timothy Kelsey (Pennsylvania State University), Daniel Mount

“Environmental Policies for the Light Duty Vehicle Sector in the US: An Up to Date Modeling Approach” Nikos Ziogiannis (Indiana University Bloomington)*, Sanya Carley, Saba Siddiki, Denvil Duncan, John D. Graham

Session 3c. Hedonics, Ballroom

(Moderator: Martin Heintzelman, Clarkson University)

“Valuation of the External Costs of Unconventional Oil and Gas Development: The Critical Importance of Mineral Rights Ownership” Andrew Boslett, Todd Guilfoos, Corey Lang (University of Rhode Island)*

“Towards the Measurement of the Value of Public Land Designations in the Adirondack Park” Chuan Tang (Clarkson University)*, Martin Heintzelman (Clarkson University)

“Temporal Controls, Normalization, and Recession in Hedonic Analysis” Patrick J. Walsh (US EPA, National Center for Environmental Economics)*, Martin Heintzelman (Clarkson University)

“Valuing Complementarity Between Environmental Goods And Housing Attributes With The Benefit Function: An Application To Flood Hazards” Yau-Huo Shr (Pennsylvania State University)*, Katherine Zipp (Pennsylvania State University)

Session 3d. Invasive Species and Ecosystem Services, Stewman’s

(Moderator: Shana McDermott, University of New Mexico)

“Payments for Ecosystem Services: Now or Later?” Susan Sayre (Smith College)

“The Bioeconomics of Pest Invasion And Control With Heterogeneous Smallholders: Coffee Berry Borer In Colombia” Shady Atallah (University of New Hampshire)

“Blurred Lines: When are Different Amenities in the Same Region Attributes of a Bundled Good?” Kimberly Rollins (University of Nevada)*, Michael Taylor (University of Nevada)

“The Welfare Effects of Stream Restorations” Michele Baggio, Charles Towe (University of Connecticut)*

SESSION 4, TUESDAY JUNE 21ST, 10:15 AM – 11:45 AM

Session 4a. Land Conservation, Stone House

(Moderator: Kathleen Bell, University of Maine)

“Improving Performance of Farmland Conservation Programs with Spatial Targeting: An Experimental Study of Information Exchange Within and Across Farming Communities” Simanti Banerjee (University of Nebraska-Lincoln)

“The Market for Environmental Reserve Quotas in Brazil: Can this Emerging Market Increase the Effectiveness of the Forest Code?” Thais Ottoni Santiago, Daniel Harris, and Jill Caviglia-Harris (Salisbury University)*

“Do Governmental and Private Conservation Funds “Crowd Out” Municipal Open Space Spending?” Corey Lang, Patrick Prendergast (University of Rhode Island)*

“Coastal Land Conservation and Climate Change: Impacts of sea-level rise on conservation in Maine” Christina Thomas (Colby College)*, George Voigt (Colby College)*, Sahan Dissanayake (Colby College), Manny Gimond (Colby College)

Session 4b. Livestock and Dairy, Game Room

(Moderator: Adam Rabinowitz, University of Connecticut)

“Assessing Effects of Subsidies on Profitability in the Maine Dairy Industry using Simulations” Dylan Bouchard (University of Maine), Xuan Chen, Gary Anderson, Julia McGuire, George Criner, Dave Marcinkowski

“The Consumer Premium for Locally Branded Milk And The Value Of Informational Campaigns” Adam Rabinowitz (University of Connecticut), Ben Campbell, Yizao Liu (University of Connecticut)*, Madiha Zaffou

“Sustainability of Livestock Agriculture in the Presence of Environmental Constraints” Giulia Tiboldo (University of Connecticut), Farhed Shah (University of Connecticut)*

Session 4c. Water Availability, Ballroom

(Moderator: Susan Sayre, Smith College)

“Determining the Optimal Capacity of a Dam under Climate Change” Yuan Niu (University of Connecticut)*, Farhed A. Shah (University of Connecticut)

“Price Efficiency In U.S. Water Rights Markets” Renata Rimsaite (Pennsylvania State University)*, Karen Fisher-Vanden (Pennsylvania State University), Sheila Olmstead (University of Texas-Austin)

“Water in the Balance: The Impact of Water Infrastructure on Agricultural Adaptation to Rainfall Shocks in India” Esha Zaveri (Pennsylvania State University)*, D.H. Wrenn D.H., Karen Fisher-Vanden (Pennsylvania State University)

Session 4d. Food Deserts and Diets, Stewman’s

(Moderator: Carolyn Dimitri, New York University)

“Using the Distance Metric Method to Model Store Choice and Competition in Food Deserts” Lauren Chenarides (Pennsylvania State University), Edward Jaenicke (Pennsylvania State University)*

“Increased Time Stress and the Diet Quality of Low Income Households” Benjamin Scharadin (Pennsylvania State University)*, Edward Jaenicke (Pennsylvania State University)

“The Impact of the Food Environment on Childhood Obesity using the BMI Report Card in Worcester MA” Belkis Cerrato (Edgewood College), John Brown (Clark University), Jacqueline Geoghegan (Clark University) *

“Shopping Frequency, Fresh Produce Consumption, and Food Retail Environments” Scott Colby (Pennsylvania State University)

Poster Session

Monday June 20, 10:00 am—10:30 am, 3:00 pm—3:30 pm

“Should We Invest in Local Agriculture?” Chris Bruno, Adam Rabinowitz (University of Connecticut)*, Omer Hoke, and Ben Campbell

“Spatial Competition in the Market for Retail E85 in the United States” Bentley Clinton, University of Colorado Boulder

“Economic Analysis of Environmental Flows – Case Study in Northeast America” Farhed Shah (University of Connecticut), Jiaoyuan Huang (University of Connecticut)*

“Community-Managed Forests and Household Welfare: Empirical Evidence from Nepal” Jayash Paudel (University of Massachusetts Amherst)

“Productivity of the U.S. Agricultural Sector: The Case of Undesirable Outputs in Pollution Abatement” Natalya Plesha (University of Connecticut)*, Subhash Ray, Richard Nehring, and Eldon Ball

:“Using Qualitative Analysis to Identify Local Agriculture Constraints in Northern New England” Samantha Werner (University of New Hampshire)*, John Halstead (University of New Hampshire), James McConnon, Kathleen Liang (University of Vermont)