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<i>President</i>	<i>President-Elect</i>	<i>Past-President</i>	<i>Secretary-Treasurer</i>	<i>Editors, ARER</i>
<i>Edward Jaenicke</i>	<i>Martin D. Heintzelman</i>	<i>Joshua M. Duke</i>	<i>Douglas Morris</i>	<i>Arnab Basu, Neha Khanna, and Todd Schmit</i>
<i>Pennsylvania State University</i>	<i>Clarkson University</i>	<i>University of Delaware</i>	<i>University of New Hampshire</i>	

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**NAREA Newsletter • Spring 2015**

**President's Column**

Ted Jaenicke

With only a few days left before NAREA's 2015 annual meeting and workshop, this (late!) newsletter is meant to preview the excitement of the Newport, RI, meetings that start this weekend, June 27-28.

**Fun Facts about Newport**

Newport, RI, is on Aquidneck Island and is only 23 miles south of Providence (and 61 miles south of Boston). It's the home of the United States Naval War College, the Naval Undersea Warfare Center, and a major United States Navy training center. It's also the home of the International Tennis Hall of Fame! It contains among the highest number of surviving colonial buildings of any city in the United States. John and Jackie Kennedy were married in Newport. Its nicknames include "City by the Sea," "Sailing Capital of the World," "Queen of Summer Resorts," and "America's Society Capital." Finally, the Newport Gulls, a wooden-bat, summer collegiate baseball team, will be at home for a Monday night game (June 29).

Sounds good, yes? Maybe that's why the Canadian Agricultural Economics Association's (CAEA) was so keen on joining the fun and holding its annual meeting jointly with us. For meeting participants, the joint meetings mean twice the fun and twice the opportunity to connect professionally.

**The "City by the Sea" Meetings**

Holding the meetings jointly also requires just about twice the work. Special thanks to Emi Uchida, our Local Arrangements Chair, (University of Rhode Island), Martin Heintzelman our Program Chair and NAREA President-Elect (Clarkson University), Joe Pittle for meeting logistics (URI's CSPD) , and Josh Duke (University of Delaware), who negotiated the contract with CAES.

Here are some highlights of the upcoming Newport meeting:

- ❑ NAREA Keynote: Dan Dudek, Environmental Defense Fund, "From the Adirondacks to Beijing: One Economist's Journey."
- ❑ NAREA Awards Luncheon: Stephan Goetz, Penn State, "The Role of Agricultural Economists in Food Systems Research."
- ❑ CAES Presidential Address: Derek Brewin, University of Manitoba, "Competition in Canada's Agricultural Value Chains; The Case of Grain."
- ❑ CAES Fellows Address: Wiktor Adamowicz, University of Alberta, "Economic Analysis and Species at Risk: Lessons Learned and Future Challenges."

- ❑ NAREA/CAES Joint Plenary Session: Christian Vossler, University of Tennessee, “Chamberlin meets Ciriacy-Wantrup: Using Experimental Economics Principles to Inform Stated Preference Research.”

This year NAREA again hosts a pre-conference workshop – this one on Water Quality Economics, organized by Todd Guifoos (University of Rhode Island). The workshop will have two high profile keynote speakers:

- ❑ Catherine Kling Distinguished Professor, Department of Economics, Iowa State University, and
- ❑ Gregory L. Poe, Professor, Dyson School of Applied Economics and Management, Cornell University.

Lastly, approximately 45 workshop participants will take a field trip on the Narragansett Bay through Save the Bay to explore water quality first hand.

A new round of NAREA's Career Advancement and Mentoring (CAM) Program will also kick off at the annual meeting. This year, the program matches up 11 pairs of new mentees and mentors, and will also provide group mentoring for another six mentees. Thanks to program chairs Jill Caviglia-Harris and William Wheeler, and the entire CAM committee.

The NAREA board will meet just prior to the annual meeting, and the entire NAREA membership is invited to the business meeting on Monday, June 29, at 5:30pm. One of the hottest topics to be discussed both at the board meeting and the business meeting is new developments with our journal – *Agricultural and Resource Economics Review*.

## **So What's Up with *ARER*?**

First a brief recap: More than a year ago, the NAREA board solicited proposals from academic publishers to help us jointly publish our journal. By last year's annual meeting, we had received two very strong proposals and at the board's Fall 2014 meeting we heard presentations from two well-known academic publishers. After following up with additional questions and seeking out references from other journal editors, an NAREA ad hoc committee recommended that the NAREA board move forward with the proposal from Cambridge University Press to jointly publish *ARER*. Cambridge then required a bit more info from NAREA about *ARER*'s long-term goals before constructing a (proposed draft) legal contract.

The NAREA board received that contract a couple weeks ago and we will be discussing it at the Newport meetings. Please come to the business meeting to hear more details and join the discussion!

## **Parting Words and Thank-Yous**

First, let me say what a great organization NAREA is. Why is it so great, you might ask? Without a doubt, it's the people. As all of us know, back out our universities we are continually asked to do more with less. That means rolling up your sleeves and working just a little but harder. That's OK as long as others do the same; but of course not everyone does. Here at NAREA, however, everyone pitches in. Through the hard work of many, we will have a great Newport meeting, move the journal forward, and help welcome and mentor new colleagues into the profession.

So here is a long list of people who have worked so hard on NAREA's behalf.

(Please forgive me if I missed anyone!)

NAREA Past President: Josh Duke  
(University of Delaware)

NAREA President-Elect: Martin  
Heintzelman (Clarkson University)

Thank you both for showing me the ropes  
and helping me when I faltered.

Board Members:

- ❑ Alessandro Bonanno (Wageningen  
University, now Colorado State),
- ❑ Allison Borchers (USDA ERS),
- ❑ Sarah Jacobson (Williams College),
- ❑ Donna Ramirez-Harrington (University  
of Vermont),
- ❑ Mario Teisl (University of Maine),
- ❑ Patrick Walsh (U.S. EPA), and
- ❑ William Wheeler (U.S. EPA).

Thank you all for your can-do attitude.

Webmaster:

Sahan Dissanayake (Colby College).  
Thanks for your tireless service.

ARER Editors:

- ❑ Arnab Basu (Cornell University),
- ❑ Neha Khanna (Binghamton University),  
and
- ❑ Todd Schmit (Cornell University).

Thanks for continually improving our near  
and dear journal.

Local Organizing Committee:

- ❑ Emi Uchida, (University of Rhode  
Island), and
  - ❑ Martin Heintzelman, (Clarkson U.).
- What a great job with Newport – thanks!

Selected Paper Committee:

- ❑ Richard Vyn Chair (Guelph University),
- ❑ Sanjib Bhuyan (Rutgers University),
- ❑ Ju-Chin Huang (U. of New Hampshire),
- ❑ Carmen Carrion-Flores (Binghamton  
University),
- ❑ Alessandro Bonanno, (Wageningen

- University, now Colorado State U.),
  - ❑ Dennis Guignet (U.S. EPA),
  - ❑ Sarah Cline (U.S. Dept. of the Interior),  
and
  - ❑ Martin Heintzelman (Clarkson U.).
- Thanks for your hard work.

Workshop Committee:

- ❑ Todd Guilfoos, chair (University of  
Rhode Island),
- ❑ Kent D. Messer (U. of Delaware),
- ❑ Emi Uchida (University of Rhode  
Island),
- ❑ Kathleen P. Bell (University of Maine),
- ❑ J. Wesley Burnett (College of  
Charleston), and
- ❑ Martin Heintzelman (Clarkson  
University).

Thanks for putting together a fantastic  
workshop.

**Last But Not Least**

Secretary-Treasurer, and man about town:  
Dr. Doug Morris (University of New  
Hampshire).

I'd like to single out Dr. Doug for special  
recognition. As nearly everyone knows,  
Doug has dedicated years of service to  
NAREA. He's the glue that keeps the  
association running smoothly. Some of you  
know that Doug is retiring this year, and the  
University of New Hampshire will no doubt  
be the worse for it. One piece of good news  
is that Doug will stay on as NAREA  
Secretary-Treasurer for a while longer, and  
we are extremely thankful for that –  
especially the next few NAREA presidents.  
Thank you, Doug, for your boundless  
dedication to NAREA! So if you see Doug  
in the corridors at the Hotel Viking or on the  
streets of Newport, be sure to congratulate  
and thank him.

## **2015 NAREA Elections**

### **Josh Duke**

The NAREA 2015 elections are now in the books. As always, we had a fantastic slate of candidates from around the region. Many thanks to everyone who was willing to stand for election. That said, here are the results of the 2015 NAREA elections. Congratulations!

#### 2015 President-Elect:

William Wheeler (U.S. EPA)

#### 2015 NAREA Board:

Charles Abdalla (Penn State University)

Emi Uchida (University of Rhode Island)

## **2015 NAREA Annual Meeting**

Emi Uchida

NAREA and the Canadian Agricultural Economics Society (CAES) will jointly hold its 2015 Annual meeting & Workshop from Sunday, June 28, 2015 through Tuesday, June 30, 2015. Meeting events will take place at the award-winning Hotel Viking in the historic seaside town of Newport, Rhode Island.

Participants: As of end of May 2015, we are expecting approximately 185 participants. The following is the breakdown. Here's a breakdown on memberships for meeting participants:

- ❑ 70% NAREA members and 30% CAES members (including new members), and
- ❑ 80% Professionals and 20% Students.

Currently, the late registration fee is \$230 for members, \$260 for non-members, \$120 for member students and \$140 for non-member students. The registration fee includes the Sunday evening reception and

ticket to Monday's Awards Luncheon. Please note that on-site registration will only accept checks or cash.

## **NAREA Workshop 2015: Water Quality Economics**

Todd Guifoos

The workshop will be held June 27-28th in Newport, RI, just prior to the NAREA Annual Meeting. The 2015 NAREA Workshop on Water Quality Economics has 71 registered participants with 15 high quality papers being presented that expand the frontier of water quality economics in four sessions that cover (1) water quality markets and energy; (2) behavioral and experimental economics; (3) valuation of water quality impairments related to ecosystem services that agriculture; (4) regulation and non-source point pollution.

As noted in the President's Column, the workshop also has two high profile keynote speakers and a field trip scheduled with approximately 45 workshop participants through Save the Bay that explores water quality in Narragansett Bay.

The workshop is funded from a conference grant through USDA NIFA in the amount of \$47,882 and the Center for Experimental and Applied Economics (C-BEAR) in the amount of \$3,500, and registration fees \$3,000. These funding sources contribute to covering the food expenses, stipends to authors, page fees for the special issues journal, printing costs for workshop materials, and honorariums for the keynote speakers.

## **NAREA Career Advancement and Mentoring (CAM) Program**

Jill Caviglia-Harris and William Wheeler

The two-year mentoring program is off to an excellent start: we received 20 mentee applications – several from outside of NAREA’s geographic area – and 10 offers to volunteer as mentors. We were able to match 11 pairs (10 mentor volunteers and one mentor who was requested by a mentee applicant). One aspect of the program that we are making formal this round is treating the mentees as a cohort who will engage with each other over the course of the year (which happened organically in the last round). We also offered a group mentoring program to six of the mentee applicants that we were unable to match to mentors. We expect to integrate them into cohort discussions throughout the year.

We have a busy program for NAREA annual meeting in Newport. The CAM program kicks off with breakfast on Monday the 29th and continues with a dinner that same day. We expect the breakfast to focus on overview and icebreaker activities, facilitated by 2013 mentees. During the day, matched pairs are expected to discuss their ideas for the coming year and share these ideas at dinner. Also at dinner, we will discuss planned learning activities for the mentees.

### *2015 CAM Mentees*

- ❑ Shadi Atallah, Purdue University
- ❑ Carmen Carrion Flores, Binghamton U.
- ❑ Scott Colby, Penn State
- ❑ Laura Grant, U. of Wisconsin-Milwaukee
- ❑ Sunny Jardine, University of Delaware
- ❑ Corey Lang, University of Rhode Island
- ❑ Shana McDermott, U. of New Mexico
- ❑ Caroline Noblet, University of Maine

- ❑ Jeffrey O'Hara, Union of Concerned Scientists
- ❑ Leah Palm-Forster, U. of Delaware
- ❑ Katherine Y. Zipp, Penn State
- ❑ Nikos Ziogiannis, Indiana University

### *2015 CAM Mentors*

- ❑ Alan Collins, West Virginia University
- ❑ Gerard D'Souza, West Virginia U.
- ❑ Gal Hochman, Rutgers University
- ❑ Ted Jaenicke, Penn State
- ❑ Kathleen Liang, University of Vermont
- ❑ Kent Messer, University of Delaware
- ❑ Donna Ramirez, University of Vermont
- ❑ Bradley Rickard, Cornell University
- ❑ Evert Van Der Sluis, South Dakota State
- ❑ William Wheeler, EPA
- ❑ Parke Wilde, Tufts University

## **2016 NAREA Annual Meeting**

Mario Teisl

The Northeast Agricultural and Resource Economics Association (NAREA) will hold its 2016 Annual meeting from Sunday, June 19, through Tuesday, June 20 at the Bar Harbor Regency Hotel (contracts finalized and signed) in the historic seaside town of Bar Harbor, Maine. The Annual Meeting will begin with an informal opening reception on Sunday evening; the academic program will follow on Monday and Tuesday (ends at noon).

Two blocks of rooms have been reserved at the hotel for \$170 (15 rooms) and \$190 (75 rooms) per room (a small block of rooms (8) will be offered at the government rate of \$107) plus taxes. Group rates will be offered 3 days before and after the workshop (based on availability).

## **2016 NAREA Workshop on Improving Food Security by Expanding U.S. Coastal Aquaculture Production**

Mario Teisl

A post-conference workshop on “Improving food security by expanding U.S. coastal aquaculture production,” will be held at the Bar Harbor Regency Hotel right after the Annual Meeting beginning at noon on Tuesday, June 20 and concluding in the evening on Wednesday, June 21. The proposed workshop topic has morphed slightly to respond to the potential funding source (AFRI Food Security Challenge): the goal of the workshop is to advance knowledge to: (1) increase aquaculture productivity; (2) optimize the social and regulatory aspects of aquaculture production; and (3) catalyze actionable innovations for aquaculture production.

The post-conference research workshop will begin with a keynote lunch speaker, and we will work with the organizing committee for the annual meeting to coordinate on an invited speaker at the annual meeting, thematic linkages between the conference and workshop sessions, and potential field-trips (e.g., USDA’s National Cold Water Marine Aquaculture Center in Franklin, Maine) and regional stakeholder events.

The workshop includes three components: (1) invited talks by a leading researcher and a leading voice on sustainable food systems; (2) presentation of papers selected using a competitive review process, with accompanying time for detailed Q&A; and (3) working sessions to conceptualize pressing research questions, topics, and extension and education needs, and catalyze new collaborations and broader food security research networks.

*Speakers:* To encourage attendance and cover expenses, invited and selected speakers will be offered honoraria. Invited plenary speakers include:

- ❑ Carolyn Dimitri. Associate Professor of Food Studies, NYU.
- ❑ Barton Seaver. Director of the Sustainable Seafood and Health Initiative at the Harvard School of Public Health. He is also a chef, author, and National Geographic Fellow.

Organizers have already submitted one proposal through NIFA that would cover honoraria (\$14,000), publication charges (\$15,000), facility rental, AV services and other (\$5,000). We will also pursue an upcoming RFA from NOAA and a possible opportunity through CINAR (Cooperative Institute for the North Atlantic Region) as UMaine is a research partner. Fine tuning of the workshop will continue based on funding source.

The organizing committee includes three people from UMaine (M. Teisl, K. Bell and C. Noblet) and two from URI (E. Uchida and T. Guilfoos).

## **2017 Annual Meeting and Conference Workshop in Washington, DC**

William Wheeler

The local organizing committee for the first-ever NAREA meetings in DC in 2017 (Will Wheeler, Patrick Walsh, and Allison Borchers) have developed a Request for Proposals and are circulating it to hotels. In addition, there will be a pre- or post-conference workshop. The local organizing committee will keep the Board and NAREA membership updated as they make progress, so look for more information in the Fall newsletter.

## Secretary/Treasurer's Report

Doug Morris

Our current membership includes 166 regular members and 44 student members. There are 42 libraries that have subscribed to our journal.

As of May 20, 2015, the Association has total assets of \$122,796.50. The NAREA money is currently invested in secure, easily accessible savings accounts plus minimal amounts in the operating checking account.

## President's Fund

Doug Morris

The Presidents' Fund has been established to support graduate student and early-career professional members' involvement in the Association. All members can contribute to this fund. Past Presidents of the Association are especially encouraged to support this fund.

The Secretary-Treasurer is responsible for managing the proceeds of the Presidents' Fund, as well as soliciting contributions to the Fund. A committee composed of the President, Past-President, and President-Elect will be responsible for awarding grants from this fund to graduate students and early-career professionals.

The Association currently has \$11,442.10 in this fund. Please consider adding your financial support to this endeavor through a tax-deductible contribution. To contribute contact the NAREA Secretary-Treasurer Doug Morris ([dr.doug@unh.edu](mailto:dr.doug@unh.edu)) or send contributions (made out to NAREA) to:

Dr. Doug Morris, Secretary-Treasurer  
Northeastern Agricultural and Resource  
Economics Association  
56 College Road, G68 James Hall

Department of Natural Resources and The  
Environment  
Durham, NH 03824-3589

## *Agricultural and Resource Economics Review (ARER)* Editors' Report

Arnab Basu (Managing Editor), Neha  
Khanna and Todd Schmit

The *ARER* report is not available at press time for this newsletter. Please stay tuned for all *ARER* developments.

## Webmaster Report

Sahan Dissanayake

The following report provides a summary of the general website updates and changes for June 2014 – June 2015. In summary, the sub-site for the 2015 annual meeting conference and workshop was developed, the *ARER* sub-site and the main homepage was updated to give prominence to recent *ARER* articles, the sub-site for the CAM program was created, and new journal awards were added to the *ARER* site.

Updates to the website include the following:

- a) New board membership updated.
- b) Fall 2014 newsletters added.
- c) Awards for *ARER* added.
- d) CAM sub-site updated.
- e) Better placement of *ARER* articles on homepage and *ARER* sub-site.
- f) The 2015 annual meeting web site was developed. Submissions conducted using RegOnline through University of Rhode Island. Reviews were handled by Conference /Workshop Program Chair.
- g) The NAREA election for 2015 was conducted over the NAREA web election system.

## Still Need to Join NAREA or Renew Your Membership?

There are two options to pay 2015 dues: an annual fee of \$25 regular and \$10 student; or a three year membership at \$65 regular and \$20 student. Forms are available at the back of this newsletter and at the NAREA website

(<http://www.narea.org/Membership.html>).

These options are also available through the AAEA website for individuals who wish to pay for multiple memberships at once: [www.aaea.org](http://www.aaea.org). Questions should be directed to the NAREA Secretary-Treasurer Doug Morris ([dr.doug@unh.edu](mailto:dr.doug@unh.edu)).

Send membership forms to:

Dr. Doug Morris, Secretary - Treasurer  
Northeastern Agricultural and Resource  
Economics Association  
56 College Road, G68 James Hall  
Department of Natural Resources and the  
Environment  
Durham, NH 03824-3589

If you have changed mailing or emailing addresses, please note changes in postal or email addresses.

## NAREA Award for Outstanding Public Service through Economics

NAREA calls for nominations for the 2016 Award for Outstanding Public Service through Economics. This award honors and recognizes economists who have applied agricultural, environmental, consumer, resource, or community development economics in a unique way that has contributed toward solving important problems and improving the welfare of society. The recipient(s) need not be a member of the Association. The nomination letter should focus on why the nominee

meets the criteria for the award. Nominees will be evaluated on the quality of their work and their demonstrated contribution to improving societal welfare as indicated by the nomination letter.

The recipient(s) will be invited to present an address at the 2016 NAREA Annual Meeting in Bar Harbor, Maine, that will be published as an invited paper in *ARER*. The recipient will receive an honorarium of \$1,000 to cover travel costs. Additional information on nominations and past award recipients can be found at NAREA's website, <http://www.narea.org/awards/>.

The deadline for nominations is **September 1, 2016**. Please email nomination letters and to Martin Heintzelman ([mheintze@clarkson.edu](mailto:mheintze@clarkson.edu))

## Future Meetings

2015 Rhode Island (Joint with CAES)  
2016 Bar Harbor, Maine  
2017 Washington, DC (*New*)  
2018 Pennsylvania  
2019 New Hampshire  
2020 Nova Scotia  
2021 Maryland  
2022 Connecticut  
2023 Delaware



**Northeastern Agricultural and Resource Economics Association/Canadian Agricultural  
Economics Society Joint Annual Meeting**

**June 28-30, 2015**

Hotel Viking, Newport, Rhode Island

**SUNDAY, JUNE 28, 2015**

- 9:00 am – 8:00 pm      **Registration for Annual Meeting, Salon AB Foyer**  
10:00 am – 1:00 pm      **NAREA Executive Board Meeting, Salon D** - Executive board members and invitees only  
12:00 pm – 3:00 pm      **CAES Board Meeting, Salon E** - Board members and invitees only  
6:00 pm – 7:00 pm      **NAREA Past-Presidents' Roundtable, Colonnade Room** - Open to past presidents others by invitation only  
7:00 pm – 9:00 pm      **Welcome Reception, Bellevue Room**

**MONDAY, JUNE 29, 2015**

- 7:30 am – 6:00 pm      **Registration for Annual Meeting, Salon AB Foyer**  
7:30 am – 8:30 am      **Continental Breakfast, Foyer**  
8:00 am – 9:00 am      **NAREA Career Advancement and Mentoring Program Breakfast, Colonnade Room** - By Invitation Only

9:00 am – 10:15 am      **NAREA Keynote Plenary, Salon CDE**  
Title: "From the Adirondacks to Beijing: One Economist's Journey"  
**Dr. Dan Dudek**, Environmental Defense Fund (EDF)  
Moderator: Martin D. Heintzelman, Clarkson University, NAREA President-Elect

9:00 am – 10:15 am      **CAES Plenary Session, Salon AB**  
Presidential Address: **Derek Brewin**, University of Manitoba, "Competition in Canada's Agricultural Value Chains; The Case of Grain"  
Fellow Address: **Wiktor Adamowicz**, University of Alberta, "Economic Analysis and Species at Risk: Lessons Learned and Future Challenges"  
Moderator: Maurice Doyon, Université Laval, CAES President

- 10:15 am – 10:30 am      **Morning Break, Viking Foyer**  
10:30 am – 12:00 pm      **SELECTED PAPER SESSIONS 1.a – 1.g**

12:30 pm – 1:30 pm      **NAREA Awards Luncheon, Salon CDE**  
NAREA Award for Outstanding Public Service through Economics  
Recipient: **Stephan Goetz**, Pennsylvania State University, "The Role of Agricultural Economists in Food Systems Research"  
Introduced by: Mario Teisl, University of Maine  
Moderator: Edward C. Jaenicke, Penn State University, NAREA President

12:30 pm – 1:30 pm      **CAES Awards Luncheon, Salons AB**  
CAES Awards Banquet  
Moderator: Maurice Doyon, Université Laval

- 2:00 pm – 3:30 pm      **SELECTED PAPER SESSIONS 2.a – 2.g**  
3:30 pm – 3:45 pm      **Afternoon Break, Viking Foyer**  
3:45 pm – 5:15 pm      **SELECTED PAPER SESSIONS 3.a – 3.g**  
5:30 pm – 6:30 pm      **NAREA Business Meeting, Salon C**  
5:30 pm – 6:30 pm      **CAES Business Meeting, Salon AB**  
6:30 pm – 8:00 pm      **NAREA Career Advancement and Mentoring Program Dinner, Colonnade Room** By Invitation Only  
Evening and dinner on your own

**TUESDAY, JUNE 30, 2015**

- 7:30 am – 12:00 noon      **Registration for Annual Meeting, Salon AB Foyer**  
7:00 am – 8:30 am      **CAES New Executive Breakfast Meeting, Salon A**  
7:30 am – 8:30 am      **Continental Breakfast, Foyer**

8:30 am – 10:00 am      **NAREA/CAES Joint Plenary Session, Viking Ballroom**  
Title: "Chamberlin meets Ciriacy-Wantrup: Using Experimental Economics Principles to Inform Stated Preference Research"  
**Dr. Christian Vossler**, University of Tennessee  
Moderator: Maurice Doyon

- 10:00 am – 10:15 am      **Morning Break, Viking Foyer**  
10:15 am – 11:45 am      **SELECTED PAPER SESSIONS 4.a – 4.g**  
11:45 am-1:15 pm      **Lunch on your own**  
12:00 pm-1:00 pm      **NAREA/CAES Department Chair's Luncheon , Colonnade**  
1:15 pm – 2:45 pm      **SELECTED PAPER SESSIONS 5.a – 5.g**  
2:45 pm – 3:00 pm      **Afternoon Break, Viking Foyer**  
3:15 pm – 4:45 pm      **SELECTED PAPER SESSIONS 6.a – 6.g**  
End of Conference

**10:30 am – 12:00 pm SELECTED PAPER SESSIONS 1.a – 1.g**

**1.a Ecosystem Management, Habitat Protection and Invasive Species**

- Moderator:** Jeffrey D. Kline (USDA Forest Service) **Salon A**
- "Defining Timber Harvest, Carbon Storage, and Habitat Possibilities for Western Cascades Forests"  
Jeffrey D. Kline\* (USDA Forest Service), Mark Harmon (Oregon State Univ.), Tom Spies (USDA Forest Service), Anita Morzillo (Univ. of Connecticut), Brenda McComb (Oregon State Univ.), Blair Csuti (Oregon State Univ.), Frank Schnekenberger (Oregon State Univ.), Keith Olsen (Oregon State Univ.), and Rob Pabst (Oregon State Univ.)
- "Embedding an Individual-Based Model of Wildlife Disturbance in an Agent-Based Model of Outdoor Recreation"  
Shady Atallah (Purdue Univ.), Alexander Cohen\* (Purdue Univ.), and Patrick Zollner (Purdue Univ.)
- "Social-Ecological Dynamics of Aquatic Species Invasions on a Lake-Rich Landscape"  
Katherine Y. Zipp\* (Penn State Univ.), David J. Lewis (Oregon State Univ.), and Bill Provencher (Univ. of Wisconsin, Madison)
- "Estimating the Cost of Eradicating an Invasive Species"  
Sunny L. Jardine\* (Univ. of Delaware) and James N. Sanchirico (Univ. of California, Davis)

**1.b Agricultural Production and Policy Impacts**

- Moderator:** Jill Caviglia-Harris (Salisbury Univ.) **Salon B**
- "A Fixed Effects Approach to Survival Analysis Using Data from the Value-Added Producer Grant (VAPG) Program"  
Alexis Solano\* (USDA Rural Business-Cooperative Service) and Christopher Proctor (USDA Rural Business-Cooperative Service)
- "Choosing Between Intensive and Extensive Agricultural Practices in the Brazilian Amazon: Implications for Environmental Conservation"  
Jill Caviglia-Harris\* (Salisbury Univ.)
- "Multifunctional Agriculture in New England - Profile, Situation, and Future Outlook"  
Kathleen Liang\* (Univ. of Vermont)
- "Volatility, Price Forecast and Production Decision of Quebec Producers – The Case of Corn, Sheep and Pork"  
Bahareh Mosadegh Sedghy\* (Université Laval), Lota Dabio Tamini (Université Laval), and Rémy Lambert (Université Laval)

**1.c Economics of Crop Production: Pesticide Use**

- Moderator:** Danny LeRoy (Univ. of Lethbridge) **Salon C**
- "The Impact of High GM Adoption Rates on Insecticide Use and Crop Selection"  
Scott W. Fausti (South Dakota State Univ.), Jonathan Lundgren (USDA Agricultural Research Service), Evert Van der Sluis\* (South Dakota State Univ.), and Bashir A. Qasmi (South Dakota State Univ.)
- "A Risk Analysis of Precision Farming for Tomato Production"  
Yangxuan Liu\* (Purdue Univ.), Michael R. Langemeier (Purdue Univ.), Ian M. Small (Cornell Univ.), Laura Joseph (Cornell Univ.), and William Earl Fry (Cornell Univ.)
- "A Decision Model for Plant Disease Control"  
Elwin G. Smith\* (Agriculture and Agri-Food Canada), Denis Gaudet (Agriculture and Agri-Food Canada), Steve Perkovic (Agriculture and Agri-Food Canada), and G. Cornelis van Kooten (Univ. of Victoria)
- "Group Membership and Individual Behavior: A Field Experiment on Trust, Time and Risk amongst Coffee Farmers in Colombia"  
Arnab K. Basu\* (Cornell Univ.), Miguel I. Gomez (Cornell Univ.), Juan Hernandez Aguilera (Cornell Univ.), and Romane Viennet (Cornell Univ.)

**1.d Farmland Values**

- Moderator:** Jacqueline Geoghegan (Clark Univ.) **Salon D**
- "The Impact of CAFOs on New York Farmland Values"  
Jennifer Ifft\* (Cornell Univ.) and Matthew Utterback (Cornell Univ.)
- "The Impact of Supply Management on Farmland Values in Ontario"  
Richard Vyn\* (Univ. of Guelph)
- "Climate Change Impacts on U.S. Agriculture: Accounting for the Option Value of Farmland in the Hedonic Approach"  
Ariel Ortiz-Bobea\* (Cornell Univ.)
- "The Impact of Agricultural Land Conversion/Fragmentation on Farmland Values around Major Urban Centres in Alberta"  
Angela Bentley\* (Univ. of Alberta), Scott Jeffrey (Univ. of Alberta), and Feng Qiu (Univ. of Alberta)

**1.e Biofuels**

- Moderator:** Laura Grant (Univ. Wisconsin-Milwaukee) **Salon E**
- "Price Volatility in Food and Fuel Markets"  
Henry An\* (Univ. of Alberta), Feng Qiu (Univ. of Alberta), and James Rude (Univ. of Alberta)
- "Good for the Air, Bad for the Water: The Effect of Ethanol-driven Corn Production on Water Quality"  
Barrett Kirwan\* (Univ. of Illinois, Urbana-Champaign)
- "Effects of Agricultural Opportunity Costs on Energy Beet Supply to Bioethanol Refineries"  
Aaron De Laporte\* (North Dakota State Univ.) and David Ripplinger (North Dakota State Univ.)
- "Policy Review of Bioproduct Development in Canada"  
Kenneth Poon\* (Univ. of Guelph) and Alfons Weersink (Univ. of Guelph)

**1.f Consumer Demand**

- Moderator:** Jura Liaukonyte (Cornell Univ.) **Touro**
- "Google and Grill? Investigating the Effects of Google Search Terms on U.S. Meat Demand"  
Nestor M. Rodriguez\* (USDA Economic Research Service), James Eales (Purdue Univ.), and Christopher G. Davis (USDA Economic Research Service)
- "Noisy Information Signals and Endogenous Preferences for Labeled Attributes"  
Jura Liaukonyte\* (Cornell Univ.), Nadia Streletskaya (Cornell Univ.), and Harry Kaiser (Cornell Univ.)
- "Human Values and Consumers Preferences for Credence Process Attributes in German Markets"  
Jill Ann Fitzsimmons\* (Univ. of Massachusetts), Gianni Cicia (Univ. of Naples), Teresa Del Giudice (Univ. of Naples), Francesca Colantuoni (Univ. of Massachusetts), and Pasquale Lombardi (Univ. of Naples)
- "Working Memory and Attribute Non-Attendance under Varying Information Load"  
Meng Shen\* and Zhifeng Gao (Univ. of Florida)

**1.g Water Pollution: Abatement Costs and Best Management Practices**

- Moderator:** Joshua M. Duke (Univ. of Delaware) **America's Cup**
- "The Impact of Information on Behavior under an Ambient-Based Policy for Non-Point Source Pollution"  
Haoran Miao\* (URI), Todd Guilfoos (URI), Simona Trandafir (URI), Emi Uchida (URI), Jacob Fooks (Univ. of Delaware), Jordan Suter (Colorado State Univ.), and Kent Messer (Univ. of Delaware)
- "The Impact of Modeling Uncertainty on the Efficiency of Water Quality Trading"  
Joshua M. Duke and Wenbo Liu\* (Univ. of Delaware)
- "Controlling Risks of Cyanobacteria Blooms"  
Nathaniel Merrill\* and Jim Opaluch (Univ. of Rhode Island)

a **Fishing and Fisheries**

**Moderator:** Sunny Jardine (Univ. of Delaware) **Salon A**

- 'A Supply Chain Integrated Bioeconomic Model of Sustainable Escapement Goal Policies for Bristol Bay"  
Jocelyn Wang, Curry Cunningham, Christopher M. Anderson\*, and Ray Hilborn (Univ. of Washington)
- 'Evaluating the Effect of Stream Restorations: An Application in Switzerland"  
Michele Baggio and Charles Towe\* (Univ. of Connecticut)
- 'Behavioral Response of Fishers to Hypoxia and the Distributional Impact on Harvest"  
Zinnia Mukherjee\* (Simmons College) and Kathleen Segerson (Univ. of Connecticut)
- 'Consumer Willingness-to-Pay Price Premiums for the Provision of Water-Quality Environmental Services"  
Maik Kecinski\* and Audrey J. Peo (Univ. of Delaware)

b **Agricultural Policy**

**Moderator:** Kathleen Liang (Univ. of Vermont) **Salon B**

- 'Rating Area-yield Crop Insurance Contracts Using Bayesian Model Averaging and Mixture Models"  
Yong Liu\* and Alan Ker (Univ. of Guelph)
- 'Exploring Evidence-Based Policy Making in Agriculture"  
Predrag Rajsic\* and Glenn Fox (Univ. of Guelph)
- 'Political Economy of Emerging Chinese Agricultural Subsidies"  
Eleonora De Falcis (Agri2000), Rigoberto A. Lopez (Univ. of Connecticut), and He Xi\* (Univ. of Connecticut)
- 'Institutional and Environmental Impacts on Technology and Managerial Gaps in the Adoption of Improved Groundnut Varieties in Eastern Africa"  
Neha Paliwal\* (Univ. of Connecticut) and Kwabena Amponsah (Univ. of Connecticut)

c **Crop Economics**

**Moderator:** Henry An (Univ. of Alberta) **Salon C**

- 'Farmland Rental Contracts: Why Do Some Contracts Stipulate Production Practices in Ontario and Manitoba?"  
Qin Luo\* and B. James Deaton (Univ. of Guelph)
- 'Mitigating Grain Handling Risks: A Comparison of Analytic Against Simulated Results"  
Houtian Ge\* (Penn State Univ.), Stephan Goetz (Penn State Univ.), Richard Gray (Univ. of Saskatchewan), and James Nolan (Univ. of Saskatchewan)
- 'Biotechnology and Regulations: An Economic Assessment of the Issues in the Canola Sector"  
Derek Brewin\* (Univ. of Manitoba) and Stavroula Malla (Univ. of Lethbridge)
- 'Innovation Induced Yield Variability"  
William Deen (Univ. of Guelph), Tor N Tolhurst\* (Univ. of Guelph), Alan P Ker (Univ. of Guelph), and Amelie CM Gaudin (Univ. of California, Davis)

d **Property Values and Water Quality**

**Moderator:** Dennis Guignet (US EPA) **Salon D**

- 'The Impact of Water Quality Improvement in Narragansett Bay on Housing Prices"  
Tingting Liu\* (ORISE participant), James J. Opaluch (Univ. of Rhode Island), and Emi Uchida (Univ. of Rhode Island)
- 'Disentangling the Residential Sale Price response to Coastal Hazards & Amenities – Evidence Based on combined Natural Experiment & Spatial Hedonic analysis"  
Mahesh Ramachandran\* (Cape Cod Commission)
- 'Environmental Valuation across Time: the Implicit Price of Water Quality through the Recent Recession"  
Patrick Walsh\*, Charles Griffiths, Dennis Guignet, and Heather Klemick (US EPA)
- 'Capitalised Amenity Value of Urban Stream Restoration in Perth, Australia"  
Maksym Polyakov, Fan Zhang\*, James Fogarty, and Ram Pandit (The Univ. of Western Australia)

2.e **Efficiency in Energy Use**

**Moderator:** Barrett Kirwan (Univ. Illinois)

**Salon E**

- "The Power of Army Green: Prices versus Social Norms in Residential Energy Conservation"  
Laura Grant\* (Univ. of Wisconsin-Milwaukee)
- "Decarbonizing Building Energy: A Cost-Effective Approach"  
David Timmons\* (Univ. of Massachusetts Boston), Andrew Shapiro (Energy Balance, Inc.), and Alex Wilson (BuildingGreen, Inc.)
- "Assessing the Impact of Information and Social Norms on Energy Use of Non-Ratepayers: Evidence From a Field Experiment"  
Christine Crago (Univ. of Massachusetts), John Spraggon (Univ. of Massachusetts), and Elizabeth Hunter\* (Univ. of Massachusetts)
- "Cost Effectiveness of Renewable Energy Policy for DoD Installations"  
Zachary Esakof\*, Nathan Chan, Sahan Dissanayake, and Jim Siodla (Colby College)

2.f **Food demand – WTP**

**Moderator:** Jeffrey K. O'Hara (Union of Concerned Scientists) **Touros**

- "University Students' Willingness to Pay for More Local Food Options"  
Christopher Bruno\* (Univ. of Connecticut) and Benjamin Campbell (Univ. of Connecticut)
- "At What Price for Niche Pork? Consumers' Value and Knowledge of Alternative Animal Production"  
Jamie Ann Picardy\* (Tufts Univ.) and Sean B. Cash (Tufts Univ.)
- "Are Consumers Willing to Pay Price Premiums for Newly Developed East Coast Broccoli Varieties? An Experiment Study"  
Xiaoli Fan\* (Cornell Univ.) and Miguel I. Gómez (Cornell Univ.)
- "Reliable Willingness-to-Pay Estimates for Food Premiums using an Online Hypothetical Survey while Accounting for Heterogeneous Strategic Behaviours"  
Stephane Bergeron\* (Université Laval) and Maurice Doyon (Université Laval)

2.g **Non-point Source Pollution: Modeling Impacts of Taxes and Subsidies**

**Moderator:** Kathleen Bell (Univ. of Maine)

**America's Cup**

- "Spatial Attribution in Nonpoint Source Pollution Settings"  
Jacob Fooks\* (Univ. of Delaware)
- "Visualization and Collective Identity in Nonpoint Source Pollution Settings"  
Julianna Butler\* (Univ. of Delaware), Jacob Fooks (Univ. of Delaware), and Kent Messer (Univ. of Delaware)
- "Integrating Pollution Markets across Environmental Media: The Case of Reactive N"  
Carson Reeling\* (Michigan State Univ.) and Cloe Garnache (Michigan State Univ.)

3.a **Symposium: Marine and Coastal Economics****Moderator:** Jenny Sun (GMRI)**Salon A**

"Discards-Proportional Cost-Effective Allocation Scheme for the At-Sea Monitoring Program of the Groundfish Fishery in New England"

Jenny Sun\* (Gulf of Maine Research Institute)

"Testing the Waters' with Citizens: Factors Determining Citizen Willingness to Pay for Coastal Water Quality Improvements"

Caroline L. Noblet\* (Univ. of Maine), Kathleen P. Bell (Univ. of Maine), Margaret Snell (Univ. of Maine), Emma Fox (Univ. of Maine), Abigail Kaminski (Univ. of Maine), and Tagwongo Obamsawin (Univ. of Maine)

"Preferences for Eco-labels in Seafood and Underutilized Fish"

Jackie Chen\*, Sahana T. M. Dissanayake, and Loren McClenachan (Colby College)

"Resilience and Adaptation of a Coastal Economic System: Global Market Integration of US-Canada American Lobster Economy"

Jenny Sun\* (Gulf of Maine Research Institute), Frank Chiang (Gulf of Maine Research Institute) and Alexa Dayton (Gulf of Maine Research Institute)

3.b **Government regulation, inspection and enforcement****Moderator:** Edward C. Jaenicke (Penn State Univ.)**Salon B**

"Voluntary Regulation Program and Government Regulation: Impacts of Responsible Care on OSHA Enforcement"

Huan Li (Binghamton Univ.) and Neha Khanna\* (Binghamton Univ.)

"Energy Policy Act of 2005: Effects of Inspection Frequency Requirements on Compliance at Underground Storage Tanks in Louisiana"

Karen A. Sullivan\* (US EPA)

"Deterrence Effects of Inspections and Enforcement"

William J. Wheeler\* (US EPA) and Ron Shadbegian (US EPA)

"What, Me Worry: Who Responds More to Regulatory Enforcement?"

Dietrich Earnhart (Univ. of Kansas) and Sarah Jacobson\* (Williams College)

3.c **Economics of Cropping Practices****Moderator:** Mark Sperow (West Virginia Univ.)**Salon C**

"Modeling No-Tillage Adoption by Corn and Soybean Producers: Insights into Sustained Adoption"

Tara Wade\* (North Carolina State Univ.) and Roger Claassen (USDA Economic Research Service)

"Optimal Rotations using Corn in Southern Manitoba"

Hazel Sakulanda\* and Derek G. Brewin (Univ. of Manitoba)

"An Old Idea Made New? Summer Fallowing on the semi-arid Prairies"

Phyllis J. MacCallum (Univ. of Lethbridge), Danny G. Le Roy\* (Univ. of Lethbridge), and Elwin G. Smith (Agriculture and Agri-food Canada)

"Winter Forage Crops as a Supplement to Corn Stalk Grazing in Integrated Crop/Livestock Systems in Southeast Wyoming"

Jenna Meeks (Univ. of Wyoming), Andrew Kniss (Univ. of Wyoming), Brian Meador (Univ. of Wyoming), Anowar Islam (Univ. of Wyoming), Steve Paisley (Univ. of Wyoming), and Brian Lee\* (Univ. of Wyoming)

3.d **Property Values: Amenities and Disamenities****Moderator:** Richard Vyn (Univ. of Guelph)**Salon D**

"The Value of Open Space in Riverside County"

James Yoo\* (California Baptist Univ.)

"The Net Value of Open Space: Evidence from a Dynamic Regression Discontinuity Design"

Corey Lang\* (Univ. of Rhode Island)

"Inter-Jurisdictional Impacts of Wind Turbines: Comparing Property Value Impacts of the Wolfe Island Wind Farm on Both Sides of the Border"

Martin Heintzelman\* (Clarkson Univ.) and Richard Vyn (Univ. of Guelph)

"Do Home Values Respond to Underground Storage Tank Releases? An Examination of High-Profile Cases Across the US"

Dennis Guignet\* (US EPA), Robin Jenkins (US EPA), Matthew Ranson (Abt Associates), and Patrick Walsh (US EPA)

3.e **Energy Markets****Moderator:** Donna Ramirez-Harrington (Univ. of Vermont)**Salon E**

"Electricity Generation Location and Benefits to Human Health: What health benefits can be attributed to RGGI?"

Todd Metcalfe\* (Syracuse Univ.)

"Energy Demand and Severance Taxation in Pennsylvania"

Kyle Hoy\* (Penn State Univ.) and Douglas H Wrenn (Penn State Univ.)

"A Potential Determinant of Oil Prices or Not?—From a Financial Market Perspective"

Ding Du (Northern Arizona Univ.) and Xiaobing Zhao\* (Northern Arizona Univ.)

3.f **Food Demand****Moderator:** Sean Cash (Tufts Univ.)**Touro**

"Effect of Trans Fatty Acids Labeling Rule in the U.S: Evidence from the U.S. Margarine/Butter Market"

Emily Wang, Hongli Wei\*, and Julie A. Caswell (Univ. of Massachusetts Amherst)

"Assessing the Healthfulness of Food Purchases among Underserved Shoppers in the Northeast"

Alessandro Bonanno (Wageningen Univ.), Lauren Chenarides\* (Penn State Univ.), and Ryan Lee (Johns Hopkins Univ.)

"Comparison of U.S. Consumer Willingness to Pay for Fresh Fruits from Developed and Developing Regions"

Devon P. Meadowcroft\* (Univ. of Delaware), Lenna K. Schott (Univ. of Delaware), John C. Bernard (Univ. of Delaware), and Ulrich C. Toensmeyer (Univ. of Delaware)

"An Economic Analysis of Obesity, Health Claims, and Regulations"

Stavroula Malla, Kien Tran, and Solomon Gyamfi Akowuah\* (Univ. of Lethbridge)

3.g **Irrigation and Water Scarcity****Moderator:** Kent Messer (Univ. of Delaware)**America's Cup**

"Water Scarcity and Efficient Allocation in Southern Alberta"

Md Kamar Ali\* (Univ. of Lethbridge)

"Water Availability and Adaptation of Irrigated Agriculture to Climate Change in California"

Yoon-Young Choi\*, Eric Njuki, Farhed A. Shah, and Boris E. Bravo-Ureta (Univ. of Connecticut)

"How do Water Rights Institutions Affect Climate Change Impacts on Water Supply?"

Karen A. Fisher-Vanden (Penn State Univ.), Sheila M. Olmstead (Univ. of Texas at Austin), and Renata Rimsaite\* (Penn State Univ.)

"Adaptability of Irrigation to a Changing Monsoon in India: How far can we go?"

Esha Zaveri\* (Penn State Univ.), Danielle S. Grogan (Univ. of New Hampshire), Karen Fisher-Vanden (Penn State Univ.), Steve Frohling (Univ. of New Hampshire), and Douglas H. Wrenn (Penn State Univ.)

**4.a Focus on Fellows Symposium: The Evolution of Policy Directions for Agriculture in Canada**

**Moderator:** Terry Veeman (Univ. of Alberta, retired) **Salon A**

- "The Evolution of Political Thought on the Appropriate Role of Governments: Its Impact on Agricultural Policy in Canada"  
Douglas Hedley\* (Agriculture and Agri-Food Canada, retired)
- "The Rise and Fall of the Canadian Wheat Board"  
Bill Miner\* (Agriculture and Agri-Food Canada, retired)
- "50 Years of Measuring Support to Agriculture in Canada: Overview and Interpretation"  
Lars Brink\* (Agriculture and Agri-Food Canada, retired)

**4.b Environmental Policy**

**Moderator:** Sarah Jacobson (Williams College) **Salon B**

- "The Cost-Effectiveness of Using a Hybrid Regulatory Approach to Conserve Small Natural Features: Lessons from Maine, USA"  
Kathleen P. Bell\* (Univ. of Maine), Aram Calhoun (Univ. of Maine), Dana Marie Bauer (Boston Univ.), Robb Freeman (Eastern Maine Community College), and Jessica Balukas (Univ. of Maine)
- "Critical Habitat Designation and County-Level Economic Growth"  
Sarah A. Cline\* (U.S. Department of the Interior) and Peter Grigelis (U.S. Department of the Interior)
- "Preferences for REDD+ Contract Attributes: Examples from Choice Experiments in Ethiopia and Nepal"  
Sahan T. M. Dissanayake\* (Colby College), Abebe Damte Beyene (Efd Ethiopia), Bhim Adhikari (IDRC), Rajesh Bista (ForestAction), Randall Bluffstone (Portland State Univ.), Zenebe Gebreegziabher (Efd Ethiopia), Prakash Jha (Univ. of Venice and ForestAction), Harisharan Luintel (Portland State Univ. and ForestAction), Peter Martinsson (Univ. of Gothenburg), Alemu Mekonnen (Efd Ethiopia), Naya Sharma Paudel (ForestAction), E. Somanathan (Indian Statistical Institute), and Michael Toman (World Bank)
- "The Canadian Mandatory Greenhouse Gas Reporting Program: Information Disclosure, Capital Markets, and Climate Change Mitigation"  
Donna Ramirez Harrington\* (Univ. of Vermont) and Keith Brouhle (Grinnell College)

**4.c Production Practices and Climate Change**

**Moderator:** Brian Lee (Univ. of Wyoming) **Salon C**

- "Could No-Till Crop Production Cost Effectively Help Meet CO2 Emission Reduction Goals?"  
Mark Sperow\* (West Virginia Univ.)
- "Adaptation to Climate Change through Crop Choice: A High Resolution Analysis"  
Haoying Wang\* (Cornell Univ.), Ariel Ortiz-Bobea (Cornell Univ.), and Shun Chonabayashi (Cornell Univ.)
- "Agricultural Land Use Adaptation to Climate Change in the U.S."  
Shun Chonabayashi\* (Cornell Univ.)

**4.d Organic Agriculture**

**Moderator:** Jenny Ifft (Cornell Univ.) **Salon D**

- "Estimating the Impact of Organic Equivalency Agreements on U.S. Agricultural Trade"  
Iryna Demko\* (Penn State Univ.) and Edward C. Jaenicke (Penn State Univ.)
- "Organic Farms' Seasonal Farm Labor Sourcing Strategies in the Pre-"Arizona" Mode of Immigration Control"  
Cesar L. Escalante\* (Univ. of Georgia), Ya Wu (Univ. of Georgia), and Xiaofei Li (Univ. of Georgia)
- "The Role of U.S. Certifiers in Organic Hotspot Formation"  
Ioana (Julia) I. Marasteanu\* (Penn State Univ.) and Edward C. Jaenicke (Penn State Univ.)

- "A Field Experiment on Consumer Willingness to Pay for Organic Grape Tomatoes Based on Purchasing Venue"  
Shuiqin Yu\* (Univ. of Delaware), Brenna Ellison (Univ. of Illinois), Michelle Paukett (Univ. of Delaware), John C. Bernard (Univ. of Delaware), and Ulrich C. Toensmeyer (Univ. of Delaware)

**4.e Consumer Preferences: Energy and Water**

**Moderator:** Nikos Ziropiannis (Indiana Univ.) **Salon E**

- "Measuring Consumer Preferences for Drinking Water – from Bottle to Tap to Filter"  
Maik Kecinski\* (Univ. of Delaware) and Monica Petrella (Univ. of Vermont)
- "Estimating the Consumer Valuation of Environmental Certifications: A Convex Non-Parametric Approach"  
Edson Okwelum\* (Lawrence Berkeley National Lab)
- "The Impact of Location and Proximity on Consumers' Willingness to Pay for Renewable & Alternative Sources of Electricity: The Case of West Virginia"  
Alan R. Collins\* (West Virginia Univ.) and Kofi Nkansah (West Virginia Univ.)
- "Household Safety Concerns, Vehicle Choices and the Costs of Fuel Economy Standards"  
Yoon-Young Choi\* (Univ. of Connecticut), Yizao Liu (Univ. of Connecticut), and Ling Huang (Univ. of Connecticut)

**4.f Food Prices**

**Moderator:** Jill Hobbs (Univ. of Saskatchewan) **Touro**

- "The Cost of Food: A Structural Decomposition of US and Canadian Food Dollars"  
Patrick Canning (USDA Economic Research Service), Ken Nakagawa\* (Agriculture and Agri-Food Canada), and Bruce Phillips (Agriculture and Agri-Food Canada)
- "Do the Poor Pay More for Food? Food Price Differences in Affluent and Low-Income Neighborhoods in New York City"  
Stephanie Rogus\* (New York Univ.)
- "Hedonic Analysis on Retail Egg Prices in Canada"  
Nishanthi Balasubramaniam\* (Univ. of Guelph) and John Cranfield (Univ. of Guelph)
- "An Economic Analysis of the Blue Agave and Tequila Prices in Mexico: An Instrumental Variable Approach"  
Rakhal Sarker (Univ. of Guelph), Megan Egler\* (Univ. of Guelph) and Edna del Valle (Univ. of Guelph)

**4.g Water Usage and Quality**

**Moderator:** Todd Guilfoos (Univ. of Rhode Island) **America's Cup**

- "The Tradeoffs between Groundwater Quality and Economic Returns from Agriculture in the Lower Little Bow Watershed in Southern Alberta"  
Marcus Becker\* (Univ. of Alberta) and Scott Jeffrey (Univ. of Alberta)
- "Optimal Groundwater Extraction for Irrigated Agriculture in the Littoral North of Senegal under Climate Uncertainty, Implications on Irrigation Water Availability"  
Amy Faye (Senegalese Institute of Agricultural Research), Cheikh Anta Diop (Univ. of Dakar), and Siwa Msangi\* (International Food Policy Research Institute)
- "Optimal Taxes and Welfare in a Spatially Explicit Aquifer: Experimental Evidence"  
Joshua M. Duke (Univ. of Delaware), Zhongyuan Liu\* (Univ. of Delaware), Kent D. Messer (Univ. of Delaware), Holly Michael (Univ. of Delaware), and Jordan Suter (Colorado State Univ.)

**5.a Symposium: From the Classroom to the Workplace:  
A Young Professional Experience**

**Moderator:** Maurice Doyon (Université Laval) **Salon A**

Stephane Bergeron (Université Laval)  
Arden Esqueda (Farm Credit Canada)  
Maxime Colette (Dairy Farmers of Canada)  
Anais Hacault (Canadian Grain Commission)

**5.b Agricultural and Economic Issues in Developing Countries**

**Moderator:** Sahan Dissanayake (Colby College) **Salon B**

“An Economic Analysis of the Contributions of Emergency and Non-Emergency Food Aids to Poverty Reduction in Sub-Saharan Africa”  
Megan Egler\* (Univ. of Guelph) and Rakhal Sarker (Univ. of Guelph)

“Exploring Livestock Management Strategies in the Sahelian Drylands of Africa: Balancing Livestock Numbers with Feed Resources”  
Siwa Msangi\* (International Food Policy Research Institute)

“Human Capital Contribution to Economic Growth in Sub-Saharan Africa”  
Kolawole Ogundari\* (Univ. of Delaware) and Titus Awokuse (Univ. of Delaware)

**5.c Dairy Economics**

**Moderator:** Predrag Rajsic (Univ. of Guelph) **Salon C**

“An Empirical Documentation of Bid Shading in the Discriminatory Auction”  
Rebecca Elskamp\* (Univ. of Guelph)

“Measuring Economic Welfare and Quota Value under Stabilization: A Risk-Response Analysis”  
Tyler Ritchie (Univ. of Manitoba) and Derek Brewin\* (Univ. of Manitoba)

“Implications of CETA and TPP on the Canadian Dairy Industry: Accounting for Heterogeneity of Welfare Among Canadian Dairy Producers”  
Jocelin On\* (Univ. of Guelph) and Alan Ker (Univ. of Guelph)

“Comparison of characteristics and demographics of similar size organic and conventional dairy farms”  
Deborah Krug (Univ. of Vermont), Robert Parsons\* (Univ. of Vermont), and Qingbin Wang (Univ. of Vermont)

**5.d Farm Performance and Investment**

**Moderator:** William Kerr (Univ. of Saskatchewan) **Salon D**

“How Are Mid-Sized Farms Performing at the Urban Fringe? A Longitudinal Comparison of New Jersey’s Mid-Sized Farms to Large Commercial Farms”  
Kevin P. Sullivan\* (Rutgers Univ.), Brian J. Schilling (Rutgers Univ.), and Margaret Brennan (Rutgers Univ.)

“Green Lights in the Greenbelt? A Qualitative Assessment of Ontario’s Greenbelt on Farmers’ Investment Decision-Making”  
Mikaël Akimowicz\* (Univ. of Guelph), Harry Cummings (Univ. of Guelph), and Karen Landman (Univ. of Guelph)

“The Impacts of Ontario’s Greenbelt on Farm Exit and Investment Decisions”  
Na Li (Univ. of Toronto) and Richard Vyn\* (Univ. of Guelph)

**5.e Shale Gas**

**Moderator:** Martin D. Heintzelman (Clarkson Univ.) **Salon E**

“Optimal Extraction of Natural Gas and Water Management in the Presence of Pollution Externalities and Resource Scarcity”  
Linda Fernandez (Virginia Commonwealth Univ.) and Jens Schubert\* (Virginia Commonwealth Univ.)

“Increased Bottled Water Purchases as Evidence of Risk Averting Behavior in Pennsylvania Shale Gas Counties”  
Edward C. Jaenicke\* (Penn State Univ.), H. Allen Klaiber (Ohio State Univ.), and Douglas H. Wrenn (Penn State Univ.)

“Farming and Unconventional Gas Development in the Marcellus Region”  
Kathy Brasier (Penn State Univ.), Leland Glenna (Penn State Univ.), Kyle Hoy\* (Penn State Univ.), Timothy Kelsey (Penn State Univ.), and Irene Xiarchos (USDA OCE)

“Regional Perceptions and Economic Valuation of Environmental Degradation Caused by Hydraulic Fracturing in the Hartford Basin With Policy Recommendations”  
Anthony Rascati\* (Westfield State Univ.) and Hillary M. Sackett-Brian (Westfield State Univ.)

**5.f Local Food**

**Moderator:** Brad Rickard (Cornell Univ.) **Touro**

“Growing Local Milk: Analysis of Consumer Demand and Marketing Practices”  
Qiushuo Yu\* (Univ. of Connecticut), Benjamin Campbell (Univ. of Connecticut), Adam N. Rabinowitz (Univ. of Connecticut), and Yizao Liu (Univ. of Connecticut)

“The Influence of Distance and Economic Growth on Direct Marketing Agricultural Sales in the Northeast”  
Jeffrey K. O’Hara\* (Union of Concerned Scientists) and Sarah A. Low (USDA Economic Research Service)

“Understanding the Impact of Consumers’ Characteristics on their Decision to Participate in Community Supported Agriculture”  
Madiha Zaffou (Univ. of Connecticut), Qiushuo Yu\* (Univ. of Connecticut) and Benjamin Campbell (Univ. of Connecticut)

**5.g Impacts of Climate-Related Events**

**Moderator:** Patrick Walsh (U.S. EPA) **America’s Cup**

“Adaptation to Flooding Risk: Evidence on the Role of Technological Innovation and Social Learning”  
Qing Miao\* (Syracuse Univ.)

“Behavioral Responses to Arsenic and Chromium Exposure – Remediation and Adaption to Sea Level Rise”  
Maik Kecinski (Univ. of Delaware), Walker Jones\* (Univ. of Delaware), and Kent Messer (Univ. of Delaware)

“Assessing the Economic Vulnerability of Maine’s Drinking Water Resources to Extreme Precipitation Events”  
Kate A. Warner\* (Univ. of Maine), Mario F. Teisl (Univ. of Maine), and Jasmine E. Saros (Univ. of Maine)

## NAREA 2015 Economics of Water Quality Workshop Program

**Saturday, June 27, 2015**

Start Time            Description

**10:30 AM        Selected Papers Session I (Markets and Energy)**

Lags in Pollution Delivery: Implications for the Design of Water Quality Trading Programs: Presenter James Shortle (Penn State University), David Abler (Penn State University), Zach Kaufman (Baltimore Metropolitan Council)

Desalination, recharge water, and the energy-water nexus: Presenter Gal Hochman (Rutgers University), Ujjayant Chakravorty (Tufts University), Eithan Hochman (Hebrew University), Qiaoting Zhao (Michigan State University)

Design and performance of a water quality tender – Reef Tender Wet Tropics in Australia: Presenter Stuart Whitten (CSIRO Land and Water Flagship), Art Langston (CSIRO Land and Water Flagship)

**12:00 PM        Lunch with Invited Plenary Speaker: Catherine Kling  
Distinguished Professor, Department of Economics, Iowa State University**

**Topic: Economic Tradeoffs in Landuse within an Agricultural Watershed**

**1:15 PM        Selected Papers Session II (Valuation)**

The Property Value Impacts of Groundwater Contamination: Agricultural Runoff and Private Wells: Presenter Dennis Guignet (NCEE, U.S. EPA), Rachel Northcutt (NCEE, U.S. EPA), Patrick Walsh (NCEE, U.S. EPA)

Measuring the Value of Mercury and Acid Pollution in New York State Through Property Values: Presenter Chuan Tang (Clarkson University), Martin D. Heintzelman (Clarkson University), Thomas M. Holsen (Clarkson University)

Validating Spatial Hedonic Modeling with a Behavioral Approach: Measuring the Impact of Water Quality Degradation on Coastal Housing Markets: Presenter Mahesh Ramachandran (Cape Cod Commission)

Valuing the impact of harmful algal blooms on Lake Erie beaches: Is it worth it?: Presenter Leah H. Palm-Forster (Michigan State University), Frank Lupi (Michigan State University)

**3:00 PM        Break**

**3:15 PM        Selected Papers Session III (Regulation and Non-Source Point Pollution)**

Private Provision Of Public Goods: Evidence From The Effect Of Environmental Groups On Water Quality: Presenter Laura Grant (UW-Milwaukee), Christian Langpap (Oregon State University)

Source Protection Strategies to Address Nitrate Contamination in the Abbotsford-Sumas Aquifer: Presenter Ted Horbulyk (University of Calgary)

The Environmental Quality Incentive Program, Induced Irrigation Technology and Nonpoint-Source Groundwater Pollution: Presenter CS Kim (ERS- USDA), Seth Wechsler (ERS-USDA), Keith Fuglie (ERS-USDA)

Estimating the Ecological Economic Impact of Urban Stormwater Runoff: Presenter Kelly Miller (UMass)

- 5:00 PM      Dinner in Newport (on your own)**
- 7:30 PM      Evening Reception (at Viking Hotel)**

**Sunday, June 28, 2015**

Start Time      Description

**8:30 AM      Breakfast with Invited Plenary Speaker: Gregory L. Poe, Professor, Dyson School of Applied Economics and Management, Cornell University**

**Topic: Behavioral Anomalies in Stated Preferences and Actual Choices**

**9:30 AM      Selected Papers Session IV (Experimental and Behavioral Economics)**

Contextual Messaging and Voluntary Contributions to Support Water Quality Improvements and Drinking Water Infrastructure: Sean F. Ellis (U Delaware), Matthew J. Miller (U Delaware), Jody Zhang (U Delaware), Presenter Jacob Fooks (U. Delaware)

Quality Information and Procurement Auction Outcomes: Presenter Robert M. Griffin (Stanford University), Marc N. Conte (Fordham University)

Loss Aversion and Water Quality: Presenter Pamela Booth (University of Rhode Island), Todd Guilfoos (University of Rhode Island), Emi Uchida (University of Rhode Island)

Heterogeneous preferences for water quality attributes: A discrete choice experiment of Lake Erie recreational anglers: Presenter Wendong Zhang (The Ohio State University), Brent Sohngen (The Ohio State University)

**11:30 AM      Break**

**12:00 PM      Bus to field trip with “Save the Bay”. Box Lunch Provided**

**12:45 PM      2 and ½ hour boat trip on Narragansett Bay which includes water quality testing, trawling the bottom of the Bay, and plankton capture. More information at <http://narea.org/2015/workshop/fieldtrip.asp>**