President’s Column
Joshua M. Duke

I am very happy to report that NAREA remains on sound footing, continuously serving and improving for decades thanks to generous volunteers and loyal members. You will find evidence of this throughout the newsletter. Continuing the theme of my last column, herein I provide a perspective on ongoing initiatives related to the two central NAREA functions: The annual meeting and the journal.

NAREA Annual Meetings

Excitement is building for the upcoming annual meeting in Morgantown, West Virginia, including the associated activities such as the workshop and Career Advancement and Mentorship (CAM) Program. Mark Sperow (West Virginia University) has worked very hard with President-Elect Ted Jaenicke (Pennsylvania State University) to ensure excellent local arrangements. The Waterfront Place Hotel and Conference Center looks like a great venue. On behalf of NAREA, I thank them for arranging this program and venue.

Ted and Sarah Jacobson (Williams College) designed a fantastic Annual Meeting program. Sarah chaired the Selected Papers and Symposia Committee. Other members of this committee are Patrick Walsh (U.S. EPA), Richard Vyn (Guelph University), Sanjib Bhuyan (Rutgers University), Ju-Chin Huang (University of New Hampshire), and Carmen Carrion-Flores (Binghamton University).

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Highlights of the annual meeting include three outstanding invited speakers and the annual awards luncheon where we will
celebrate members' accomplishments. Mary Bohman (USDA-ERS Administrator) will open the meeting with an invited talk titled “Connecting research and policy decisions: A case study of the 2014 Farm Act.” Julie Caswell (University of Massachusetts) is the recipient of the NAREA Outstanding Public Service through Economics Award. During the NAREA awards luncheon, held on June 2 from 11:30 a.m. to 1 p.m., Julie will give an invited talk titled, “Using information policy to change markets.” I hope you are looking forward to the awards lunch, as I am. Thanks in advance to the awards committees for their work during the past year.

Elena Irwin (Ohio State University) will open the second day of the Annual Meeting with an invited talk titled, “Assessing land use and water quality trade-offs with spatial ecological economic models.” I encourage all members to attend the invited talks and the awards luncheon.

The 2014 Post-Conference Workshop on Unconventional Gas and Oil Development is scheduled to start immediately after the last paper session of the Annual Meeting (on Tuesday, June 3 at 1:00 p.m.). Wesley Burnett (West Virginia University) and his workshop committee have crafted an excellent program with one highlight being the Keynote Address by Alan Krupnick, Senior Fellow, Resources for the Future, Director of the Center of Energy Economics and Policy, and President of the Association of Environmental and Resource Economists, who will speak on: “What the experts say about the environmental risks of shale gas development.” I extend special thanks to Wesley and the other members of the workshop committee, Alan Collins (West Virginia University), Charles Abdalla (Pennsylvania State University), Christine Crago (University of Massachusetts), Jerry Fletcher (West Virginia University), Bradley Rickard (Cornell University), and Todd Guilfoos (University of Rhode Island). We at NAREA are grateful to the financial supporters of the workshop: The National Agricultural and Rural Development Policy Center (NARDeP) and West Virginia University’s Davis College of Agriculture, Natural Resources, and Design, Office of Sponsored Programs, and Regional Research Institute.

The Annual Meeting will also involve the continuation of two recent efforts to enhance meeting involvement of two very different groups. First, the CAM program class of 2013 will reassemble for a program of activities on Sunday afternoon, prior to the reception. Thank you Jill Caviglia-Harris (Salisbury University) and Martin Heintzelman (Clarkson University) for leading this effort. Second, we will hold our third Past-Presidents’ Roundtable on Sunday, immediately following the CAM program. I hope to see a strong showing of Past-Presidents at this event. This effort was initiated several years ago, and it is designed to provide a forum for past leaders to share their historical knowledge and help shape current decisions. As you will see in a latter part of my column, there are some major decisions involving the journal.

I am also pleased to report that the planning committee for the 2015 Annual Meeting, which is jointly hosted with the Canadian Agricultural Economics Society (CAES), has made progress in negotiating a contract with an excellent facility. The meeting will be held at June 27 - 30, 2015, in Newport, Rhode Island. Emi Uchida, chairing the 2015 local host committee, worked very hard on this contract, finding conference space in a world-class location that can
accommodate CAES and NAREA for a surprisingly reasonable price.

Reflecting on my experience through the years with the NAREA Annual Meeting (local arrangements, designing a program, and helping to secure future sites), I feel that our organization is approaching an important decision about the number of papers accepted. Most organizations will constantly feel the competing pressures to expand the number of papers to increase participation and to reduce the number to increase quality. There is no easy way to balance these forces, but we unequivocally are seeing two trends. First, there is reduced support in universities for faculty to travel to conferences, particularly if they do not have a paper on the program. Second, NAREA is growing—Ithaca had 129 attendees, and Harry Kaiser (Cornell University) and I were able to expand the program to five concurrent sessions. In 2015, we will have a large meeting with the CAES; however, this space issue will return in 2016. I am going to start a discussion about this issue at the Executive Board meeting, and I encourage you to provide your perspective to me, another Executive Committee member, or at the Business Meeting.

Journal Opportunities

As I discussed in the fall newsletter, there are two recent initiatives involving Agricultural and Resource Economics Review and its international profile. Dr. Morna Conway, President of Morna Conway, Inc., has been advising NAREA on the journal for nine months, working closely with the Ad-Hoc ARER-Planning Committee members, including Ted Jaenicke (Chair), Kent Messer (Editor-representative), Allison Borchers (Board-representative), and Spiro Stefanou (Member-representative). This committee reports to the Executive Committee. The committee worked hard during the winter and submitted an excellent application to Thomson Reuters for indexing in SSCI. We all eagerly anticipate the results.

The second opportunity involves publishing and whether NAREA will continue to self-publish through Sheridan Press. The advantages of using a publisher include enhanced exposure through bundling and advertising. We received offers from four publishers. The Ad-Hoc committee and Dr. Conway will help evaluate the offers with the Executive Committee at the June 1st meeting. The Executive Committee has still not yet committed to pursue this option. So, we are entering a period of discussion.

I will ask the Executive Committee to decide whether and how many of the offers to pursue further. The Executive Committee and I will also be looking for reactions at the Annual Meeting from members, former editors, former board members, and past presidents.

In addition to these major initiatives, the editors have also pursued other journal upgrades. Notably, they have completed the application process for ISSN. The Online version is 2372-2614, and the print version is 1068-2805. The future holds great promise for our journal.

Parting Words

I believe that NAREA is as strong as ever. Thank you for allowing me to serve you as president. Within a month, the presidency will move into the able hands of Ted Jaenicke. Over the past year, I have enjoyed working with an incredible Executive Committee. I thank our Board members:
Sarah Jacobson, Martin Heintzelman, Alessandro Bonanno (Wageningen University), Patrick Walsh (U.S. EPA), Allison Borchers (USDA ERS), Todd Schmidt (Cornell University), William Wheeler (U.S. EPA). I appreciate how hard Sahan Dissanayake (Colby College) has worked since assuming the webmaster duties—he is a great asset to NAREA.

I also am grateful for the hard work of our energetic editorial team: Kent Messer (University of Delaware), Arnab Basu (Cornell University), and Neha Khanna (Binghamton University). I want to extend a special thank you to Kent for extending his service as managing editor and for all the initiatives he has led over three years to improve the journal.

Kathleen Bell (University of Maine), Doug Morris (University of New Hampshire), and Ted Jaenicke round out this fantastic Executive Committee. Ted is off to a great start, organizing a great meeting for Morgantown. I thank Kathleen for all her mentoring over the past two years. As Kathleen did last year, I want to single out Doug for special recognition. Doug has dedicated years of service to NAREA, providing many routine services but also initiatives that make us a much stronger organization. Beyond this, Doug provides continuity and institutional knowledge that is difficult to maintain in an all-volunteer association with fast turnover. Doug, thank you for your dedication to NAREA!

I look forward to seeing you all in Morgantown on June 1st.

2013 NAREA Elections
Kathleen Bell

The NAREA 2014 elections will soon be underway. As always, we will have an exceptional slate of candidates from the region. We extend thanks in advance for their willingness to stand election. We will be filling the President-Elect Position and two Executive Board Positions. The elections will run from May 9-19. Emails with information on voting and short bios for these candidates will be sent to members on May 9, 2014. Don't forget to vote!

2014 NAREA Annual Meeting
Ted Jaenicke and Mark Sperow

We hope you will be attending the 2014 Annual Meeting in Morgantown, West Virginia, from June 1-3, and perhaps the Post-Conference workshop starting on June 3. Please see the NAREA website for an overview of the program, and please share this note with your colleagues.

A block of rooms has been reserved at the Waterfront Place Hotel for $119/room plus tax. Accommodations can be booked online using the NAREA Group Code, 191785. To reserve by phone please call the hotel at 866 STAY-WPH (866 782-9974) and ask for the NAREA group block. Please make hotel reservations as soon as possible.

As the early registration deadline has now passed, the annual meeting registration fee is $200 for members, $225 for non-members, $100 for member students, and $110 for non-member students. The registration fee includes the Sunday evening reception and ticket to Monday's Awards Luncheon.
Please note that all presenters/speakers needed to be NAREA members and registered for the annual meeting by April 25th. For presenters/speakers who are not current members, payment of the non-member annual meeting and/or workshop registration fee by this deadline confers NAREA membership, and hence satisfies the requirement.

Registration for the NAREA conference in Morgantown can be paid by check through the mail or on-line with a credit card until May 16, 2014. Credit card registrations will be assessed a transaction and handling fee of 5.5% plus $0.99. When paying by check, please download and complete the registration form: http://www.narea.org/2014/conference/NAREA2014-Registration form.pdf. When paying by credit card, please use the secure on-line registration: https://www.eventbrite.com/e/2014-narea-annual-conference-and-workshop-tickets-11071630545.

Registration forms received after May 16th 2014 will NOT be processed; after this date you must register on-site and only payment by check will be accepted. If you have questions about meeting registration, contact Mark Sperow (mark.sperow@mail.wvu.edu) or Ted Jaenicke (tjaenicke@psu.edu).

Useful 2014 NAREA Annual Meeting and Workshop Links


2014 NAREA Workshop on Unconventional Gas and Oil Development: Economic and Environmental Impacts
J. Wesley Burnett

The 2014 NAREA Workshop will be held at the Waterfront Place Hotel in Morgantown, West Virginia, immediately following the NAREA Annual Meeting. The NAREA Workshop will take place on June 3-5, preceded by the Annual Meeting on June 1-3, 2014. Immediately following the Workshop, during the morning of Thursday June 5th, we have organized a tour of a shale gas well pad and will give Workshop participants an opportunity to meet with drilling operators and witness shale gas development firsthand.

The Workshop will begin with an opening address from Timothy Carr, Marshall Miller Professor of Geology at West Virginia University. The keynote address will take place in the late afternoon of June 3, 2014, by Alan Krupnick from Resources for the Future. In addition to the keynote address, we will have a panel discussion from a range of experts on unconventional gas and oil development, including geology, law, petroleum and chemical engineering, hydrology, economics, and ecology.

We have organized four sessions of selected paper presentations; two sessions will occur during the afternoon on Tuesday, June 3, 2014, and two more will occur during the day on Wednesday, June 4, 2014. Individual sessions will focus on i) economic development affected by industry activities, ii) the regulatory environment and policy, and iii) two sessions on environmental impacts. Please see the preliminary program included in the newsletter for further details on the sessions and speakers.
Financial support for the Workshop has been obtained from the National Agricultural and Rural Development Policy Center, the Regional Research Institute at West Virginia University, and the Davis College of Agriculture, Natural Resources, and Design at West Virginia University. A special issue of the *Agricultural and Resource Economics Review* (ARER) will be published from workshop papers accepted after an expedited version of the journal’s peer-review process. Additional details can be found at the NAREA Annual Meeting Website (www.narea.org/2014/). The program is at: http://www.narea.org/2014/conference/narea_2014_workshop_program.pdf.

**2014 CAM Workshop and Dinner: “Make your Research Matter”**  
June 1, 2014, 3:30 p.m. – 6:00 p.m.

We are excited to announce that this year our CAM Program workshop and dinner (open to all conference attendees but requires prior reservation) will be geared towards helping to “Make your Research Matter”. Our keynote speaker is Jonathan Schwabish of the Urban Institute and author of the recent *Journal of Economic Perspectives* article “An Economist’s Guide to Visualizing Data”. Jonathan will also join Kathleen Bell (University of Maine) and David Just (Cornell University) for a panel discussion highlighting stories of funny, unexpected, or interesting ways that these researchers have interacted with policy makers. We intend for this event to include several activities that will resonate with researchers at various stages of their career all centered around the theme of developing strategies for having your research findings used in policy making.

All welcome: No fee for dinner for conference attendees, but space is limited. Please contact Jill Caviglia-Harris (jlcaviglia-harris@salisbury.edu) or Martin Heintzelman (mheintze@clarkson.edu) to learn more about our mentoring program and to reserve a seat.

**NAREA CAM: Career Advancement and Mentoring Program**  
Jill Caviglia-Harris and Martin Heintzelman

The NAREA Career Advancement and Mentorship (CAM) Program is a mentoring program held in concert with the NAREA Annual Meeting. The CAM program is a unique opportunity for pre-tenured faculty and early career scholars to develop and enhance professional networks, receive one-to-one mentoring from an experienced member within the environmental and agricultural economics community, and to attend a dinner and panel session on issues of concern to early career scholars. Our annual dinner provides an opportunity for early career scholars and our membership to share experiences and further develop a wide range of skills that we hope will enhance your careers. In addition to the annual dinner and panel session mentioned above, the CAM program also includes a biennial yearlong one-on-one mentoring program held on odd years.

The yearlong mentoring program has continued to be successful: all mentor and mentee matches have provided mid-term reports, continued to track progress on earlier outlined goals, and set expectations for communicating throughout the year. Several of our pairs have established in-person meetings and invited lectures while other have focused on discussing grant writing, writing skills, and providing general
career advice. We will be reviewing activities with our mentors and mentees on June 1 immediately preceding the CAM Workshop and Dinner.

2013-14 CAM Fellows

Sarah Cline, U.S. Department of the Interior; Sahan Dissanayke, Colby College; Keith Harris, Kansas State University; Chris Kennedy, George Mason University; Sarah Jacobson, Williams College; Itziar Lazkano, University of Wisconsin-Milwaukee; Melanie Lefevre, Boston University and Universite de Liege; Daniel Shawhan, Rensselaer Polytechnic Institute; Matthew Winden, University of Wisconsin-Whitewater

2013-14 CAM Mentors

Titus Awokuse, University of Delaware; Jill Caviglia-Harris, Salisbury University; John Halstead, University of New Hampshire; David Just, Cornell University; Lynne Lewis, Bates College; Lori Lynch, University of Maryland; Kitty Smith, The Council of Professional Associations on Federal Statistics; Mark Sperow, West Virginia University; William Wheeler, Environmental Protection Agency.

2015 Annual Meeting and Workshop in Newport, Rhode Island

Emi Uchida and Todd Guilfoos

NAREA will hold its 2015 Annual Meeting and Workshop jointly with the Canadian Agricultural Economics Society in the historic seaside town of Newport, Rhode Island. Our hosts from University of Rhode Island include Emi Uchida and Todd Guilfoos. The 2015 NAREA Workshop will bring together experts to advance the frontiers of economic analyses related to agricultural nonpoint source water pollution with a particular emphasis on spatial elements of human and natural systems. The meeting and workshop is expected to be held at Hotel Viking from Saturday, June 27, through Tuesday, June 30, 2015. Blocked rooms will be available at the government per diem rate (currently $158) plus tax. Hotel Viking is nestled in the Historic Hill district, a stroll away from the seaside heart of Newport, Harbor, the beaches, historic mansions, award-winning restaurants, and more!

2015 Workshop on Water Quality Economics

Todd Guilfoos

The workshop is planned for June 27-28, 2015, in Newport, Rhode Island, just prior to the NAREA Annual Meeting and will be hosted by the University of Rhode Island. The 2015 NAREA Workshop on Water Quality Economics will convene recognized and emerging experts to debate and advance research on the contemporary economic problems in water quality such as nonpoint source water pollution and corresponding spatial issues that may be present when dealing with water quality. Papers will be solicited that expand the frontier of water quality economics and have a focus on (1) development of markets and/or policy design within or across watersheds; (2) development of economic and biophysical interactions through spatial watershed modeling of land-use, governance, and transport of pollutants; (3) transboundary issues of water impairments and governance; and (4) valuation of water quality impairments related to ecosystem services or human health.
2016 Annual Meeting and Workshop in Maine
Kathleen Bell and Mario Teisl

The University of Maine is excited to be hosting the 2016 NAREA Annual Meeting in Maine. Mario Teisl and Kathleen Bell are currently serving as local representatives. Conference location options include wonderful cities (Portland and Bangor) and attractive coastal destinations (Bar Harbor, Belfast, and Rockland). Mario and Kathleen are working collaboratively with other School of Economics faculty to plan the 2016 Annual Meeting. We are open to suggestions from the NAREA membership for the theme of the 2016 NAREA Workshop; we would prefer not to overlap with recent workshop topics and tap into local expertise (e.g., renewable energy, behavioral economics, environmental, marine/coastal, sustainability science). Overall, we look forward to hosting the NAREA Membership in Maine - the way life should be.

Secretary/Treasurer’s Report
Doug Morris

Our current membership includes 130 regular members and 30 student members. There are 42 libraries that have subscribed to our journal for 2014.

As of April 15, 2014, the Association has total assets of $125,901.70. The NAREA money is currently invested in secure, easily accessible savings and money market accounts plus minimal amounts in the operating checking account.

Time to Join NAREA or Renew Your Membership for 2014!

There are two options to pay 2014 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:


These options are also available through the AAEA website for individuals who wish to pay for multiple memberships at once: www.aaea.org. Questions should be directed to the NAREA Secretary-Treasurer Doug Morris (dr.doug@unh.edu). If you have changed mailing or emailing addresses, please note changes.

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

Agricultural and Resource Economics Review (ARER) Editors’ Report
Kent Messer, Arnab Basu, and Neha Khanna

For this report, we wanted to share with the NAREA membership some of information that was included in our recent applications to Thomson Reuters for indexing in SSCI and also in our search for a new publisher for our journal. While we recognize that this report is longer than is traditionally done by ARER editors, we believe that you will be interested in this information as it
demonstrates the growth of the journal and its broadening influence.

Editorial Board

We have updated the members of ARER’s editorial board, and it is now comprised of faculty from a diverse group of institutions. Currently, 71% of the members are from universities and research institutions outside the northeast of the United States and 21% are international. This broad representation helps extend the reach of the journal with regards to the topics covered by the journal and the journal’s readership. Editorial board members are also encouraged to solicit high quality submissions to ARER. The current editorial board members are as follows:

Amy Ando, Univ. of Illinois
Marc Bellemare, Univ. of Minnesota
Hung-Hao Chang, National Taiwan Univ.
Jeremy Clark, Univ. of Canterbury, New Zealand
Stephen Goetz, Penn State Univ.
John Hoddinott, International Food Policy Research Institute
Yanhong Jin, Rutgers Univ.
Harry Kaiser, Cornell Univ.
Robert King, Univ. of Minnesota
Travis Lybbert, Univ. of California, Davis
Matin Qaim, Univ. of Göttingen, Germany
Kimberly Rollins, Univ. of Nevada, Reno
James Shortle, Penn State Univ.
Jordan Suter, Colorado State Univ.

Historical Trends

As shown in the table, the rate of acceptance has ranged between 25-45%. This table also shows that the journal experienced a significant increase in its number of submissions, setting a record of 94 in 2013. A key factor that has led to the recent growth in submissions is the option for authors to request an “expedited review,” if the paper is co-authored by a graduate student. In these cases, the first review occurs within 60 days and authors are provided a first review from up to three reviewers within 45 days at which point the editor will make a decision on whether to publish the paper or reject it. To date, the rate of acceptance for these papers has been consistent (if not slightly lower) than papers going through the regular process. This program was initiated in late 2012 and in 2013 approximately 50% of all new submissions requested expedited review through this program.

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<tr>
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<th>2007</th>
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<th>2010</th>
<th>2011</th>
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<th>2013</th>
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<tr>
<td>Submissions Received</td>
<td>59</td>
<td>55</td>
<td>78</td>
<td>71</td>
<td>80</td>
<td>62</td>
<td>94</td>
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<tr>
<td>Papers Accepted</td>
<td>21</td>
<td>19</td>
<td>36</td>
<td>32</td>
<td>25</td>
<td>28</td>
<td>25</td>
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<tr>
<td>Acceptance Rate</td>
<td>35.6%</td>
<td>34.5%</td>
<td>45.2%</td>
<td>45.1%</td>
<td>31.3%</td>
<td>45.2%</td>
<td>26.6%</td>
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The impact of ARER is not limited to just the Northeast of the United States. When it comes to journal subscriptions, 85.3% of the libraries and 61.4% of the individuals are located outside of the Northeast. Furthermore, 42.6% of the libraries are international. As shown in the figure above, the percentage of authors from the Northeast has decreased by 50% in the past decade. During the same period, the number of authors from outside the Northeast has grown to nearly 70% while the percentage of papers with international authors has shown a slight growth (now comprising approximately 10% of all papers).

The topics of the papers are even more diverse than the authors. In 2012 and 2013, only 15.3% of the papers involved topics exclusively related to the Northeast of the United States and essentially all of the papers sought to draw conclusions that had national and international implications.

The broad reach of ARER is also demonstrated through statistics about web visitation. Over the past four months, the journal website (www.narea.org/journal) received 1,145 visits, of which 70.7% were from areas outside of the Northeastern region of the United States. In fact, nearly half of the visitors to the site (47.4%) were from international sources. The countries where most visits came from were (listed in order of number of unique visitors): India, China, Canada, Germany, France, Belgium,
Japan, Malaysia, Australia, Brazil, South Korea, and Norway. The number of “pageviews” reveals a similar trend, where 44.5% of the 3,366 page views during the past four months came from other countries. For pageviews, the most common were India, UK, China, Germany, Canada, Portugal, South Korea, France, Japan, and Brazil.

Comparisons between ARER and the other 17 journals in related fields that are currently indexed by SSCI show that ARER also consistently performs well compared to its peer journals. In the past 10 years, compared to these other 17 journals, ARER ranks 4th in terms of abstract view and 5th in terms of article downloads. As can be seen in this table the journal h-index and Simple Impact Factor are also comparable to other SSCI-indexed journals in this field and its Recursive Impact Factor ranks 6th amongst this group of journals.\(^1\)

ARER articles are frequently downloaded from AgEconSearch. As you can see by the figure, from July to December 2013, ARER articles were downloaded a total of 53,824 times. Importantly, the number of downloads has increased significantly, as the total number of article downloads within a six-month period increased 252% since the same time period in 2008.

Other publically available sources suggest that, with respect to impact, ARER compares favorably both to economics journals in general and specifically to economic journals related to agricultural and resource issues. For instance, IDEAS/RePEc is a service hosted by the Research Division of the Federal Reserve Bank of St. Louis and provides impact analysis of 1,408 economic journals published throughout the world: [http://ideas.repec.org/top/top.journals.all.html](http://ideas.repec.org/top/top.journals.all.html). As can be seen from the table on the next page, ARER compares favorably to other economics journals, being in the top 15-26% of all economic journals.

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\(^1\) According to IDEAS/RePEc, the Recursive Impact Factor “weighs each citation by the impact factor of the citing items, this impact factor being itself computed recursively in the same fashion. The recursive impact factors are normalized so that the average citations has a weight of 1.”
Table: Ranking and percentage by journal amongst the 1,408 economics journals listed in RePEC (lower is better).

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<tr>
<th>Journals</th>
<th>Abstract Views</th>
<th>Downloads</th>
<th>h-index</th>
<th>Simple Impact Factor</th>
<th>Recursive Impact Factor</th>
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<tr>
<td></td>
<td>Ranking</td>
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<td>Ranking</td>
<td>%</td>
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<tr>
<td>American Journal of Agricultural Economics</td>
<td>94</td>
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<td>56</td>
<td>4%</td>
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<td>Agricultural Economics</td>
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<td>147</td>
<td>10%</td>
<td>101</td>
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<tr>
<td>Marine Policy</td>
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<td>16%</td>
<td>238</td>
<td>17%</td>
<td>462</td>
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<td><strong>Agricultural and Resource Economics Review</strong></td>
<td>228</td>
<td>16%</td>
<td>285</td>
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<td>338</td>
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<td>Environment and Development Economics</td>
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<td>18%</td>
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<tr>
<td>Journal of Agricultural and Resource Economics</td>
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<td>Resource and Energy Economics</td>
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<td>304</td>
<td>22%</td>
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<td>Agribusiness</td>
<td>401</td>
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<td>609</td>
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<td>381</td>
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<td>Applied Economic Perspectives and Policy</td>
<td>521</td>
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<td>448</td>
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<td>Journal of Agricultural Economics</td>
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<td>Annual Review of Resource Economics</td>
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<td>565</td>
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<tr>
<td>Marine Resource Economics</td>
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Journal Revenues

The journal’s revenues come from library subscriptions and page charges. ARER has 57 library subscribers, including 29 international. The subscription price for 2014 is $125. The page fee is $65/typeset page, down from $75 in 2012 and prior years. The rate change accompanied a format change in the journal that made the printed page a single column instead of two columns, and also moved to a larger font, expressly to make the format compatible with downloading to handheld devices.

The percentage of authors who do not pay page charges is in a range of 0% (2010) to 5% (2013), which is far lower than the unpaid rate for other journals in the field. Note that billable pages (and thus the journal revenue) vary from year to year, primarily due to the annual Special Issue, which can be considerably larger than regular issues.

<table>
<thead>
<tr>
<th>Year</th>
<th>Billable Pages</th>
<th>Amount</th>
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<tr>
<td>2010</td>
<td>557</td>
<td>$41,850</td>
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<tr>
<td>2011</td>
<td>498</td>
<td>35,945</td>
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<tr>
<td>2012</td>
<td>377</td>
<td>25,820</td>
</tr>
<tr>
<td>2013</td>
<td>568</td>
<td>35,037</td>
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</tbody>
</table>

In summary, *Agricultural and Resource Economics Review* is a journal with a rich 42-year history that attracts high quality, original articles that undergo a rigorous review process. The journal is currently experiencing significant growth both in terms of submissions and readership. While the journal is proud of its historic connection to the Northeastern Association of Agricultural and Resource Economics, its breadth and diversity of the topics of its articles, contributing authors, editorial board, and readership clearly demonstrate ARER’s broader national and international reputation.

Call for Editor

*ARER* is seeking a new editor for the journal. This three-year position would start on July 1, 2015. We welcome nominations (including self-nominations) for this position. For more information and to submit a nomination please contact Managing Editor for 2014-15 Arnab Basu and incoming President Ted Jaenicke.

Webmaster Report

Sahan Dissanayake

The following are some interesting stats about visitors from January 1 through April 27, 2014. The 2014 Conference site (5,639) and the *ARER* journal site (3,837) got the most number of pageviews during the last four months (pageviews is the total number of pages viewed). Repeated views of a single page are counted.

While most of the sessions originate in the US, about 25% of the sessions are international. The top ten countries from which sessions originate include India, Canada, Brazil, UK, Germany, Italy, Australia, Belgium, and France. The attached map shows the origin locations for individual sessions (NAREA has national and global reach!).
Total Sessions  Total Pageviews  Total Visitors  New Visitors
4,786          12,830          3,089          61.80%

NAREA Website Visitor Statistics for January-April 2014

NAREA continues to have national and global reach! (Sessions from Jan 1 to April 27, 2014)²

² The total number of sessions; a session is the period time a user is actively engaged with the website.
NAREA Award for Outstanding Public Service through Economics

NAREA calls for nominations for the 2015 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 2015 NAREA Annual Meeting in Rhode Island 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, 2014. Please email nomination letters to Josh Duke (duke@udel.edu).

Presidents’ 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 $12,320.80 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) 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

Please specify that the contributions are to be directed to the Presidents’ Fund.

Future Meetings
2015 Rhode Island (Joint with CAES)
2016 Maine
2017 Pennsylvania
2018 New Hampshire
2019 Nova Scotia
2020 Maryland
2021 Connecticut
2022 Delaware
Application for Membership:
Northeastern Agricultural & Resource Economics Association
For Year 2014

PURPOSE: The purpose of NAREA is to stimulate and promote research on economic and social problems related to the production, marketing and consumption of agricultural products, natural resource use and community economic development, and the interrelation of the agricultural and rural economy with the rest of the economy.

ORGANIZATION: NAREA is organized as a group of professional agricultural economists and other persons interested in promoting the purposes of the Association.

AFFILIATION: NAREA is officially affiliated with the Agricultural and Applied Economics Association, and its President shall serve as an ex officio member of the AAEA Board of Directors. NAREA shall not be affiliated with any other institution, organization or agency, either public or private.

Name ____________________________________________

Mailing Address for ARER
__________________________________________________________
__________________________________________________________

City __________________________ State ______ Zip _________

Country (if not U.S.)____________ Postal Code_______

email ___________________________ phone number: __________________

Affiliation ___________________________

Membership:  ____ General ($25/year or $65 for 3 years)  [Due Jan. 1, 2014]
  ____ Student ($10/year or $20 for 3 years)

Signature ___________________________ Date _______________________

Membership includes a subscription to the Agricultural and Resource Economics Review published three times a year. Make your check payable to "Northeastern Agricultural & Resource Economics Association" or NAREA and send form and payment 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
Important Dates for NAREA Members

May 15, 2014      Initial Paper Deadline for the NAREA 2014 Workshop

May 16, 2014      Mail/Online Registration Deadline for NAREA 2014 Annual Meeting and Workshop (On-site registration required after this date)
                  http://www.narea.org/2014/

June 1-3, 2014    2014 NAREA Annual Meeting, Morgantown, West Virginia
                  http://www.narea.org/2014/

June 3-4, 2014    2014 NAREA Unconventional Gas and Oil Development Workshop, Morgantown, West Virginia
                  http://www.narea.org/2014/


September 1, 2014 Nomination Letter Deadline for Outstanding Public Service through Economics Award
                   http://www.narea.org/awards/
## Northeastern Agricultural and Resource Economics Association Meetings, June 1-3, 2014
Post-Conference Workshop on Non-Conventional Oil and Gas Energy, June 3-4, 2014
Waterfront Place Hotel, Morgantown, West Virginia

### SUNDAY, JUNE 1, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>11:00 am – 2:30 pm</td>
<td>NAREA Executive Board Meeting</td>
<td>Puskar Boardroom</td>
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<tr>
<td></td>
<td>Executive board members and invitees only</td>
<td></td>
</tr>
<tr>
<td>2:30 pm – 6:00 pm</td>
<td>Career Advancement and Mentorship (CAM) Program</td>
<td>Waterfront</td>
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<tr>
<td></td>
<td>Free event, but prior registration required</td>
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<tr>
<td>3:00 pm – 8:00 pm</td>
<td>Registration for Annual Meeting</td>
<td>Foyer A-C</td>
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<tr>
<td>6:00 pm – 7:00 pm</td>
<td>NAREA Past-Presidents’ Roundtable</td>
<td>Puskar Boardroom</td>
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<td></td>
<td>Open to past presidents of NAREA</td>
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<tr>
<td>7:00 pm – 9:30 pm</td>
<td>Welcome Reception</td>
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### MONDAY, JUNE 2, 2014

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Registration for Annual Meeting</td>
<td>Foyer A-C</td>
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<tr>
<td>8:30 am – 9:30 am</td>
<td>Invited Presentation</td>
<td>Salon D</td>
</tr>
<tr>
<td></td>
<td>Title TBD</td>
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<tr>
<td></td>
<td>Dr. Mary Bohman, Administrator, USDA Economic Research Service</td>
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<tr>
<td></td>
<td>Moderator: Ted Jaenicke, Pennsylvania State Univ., NAREA President-Elect</td>
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<tr>
<td>9:30 am – 9:45 am</td>
<td>Morning Break</td>
<td>Foyer A-C</td>
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<tr>
<td>9:45 am – 11:15 am</td>
<td>SELECTED PAPER SESSIONS 1.a – 1.d</td>
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<tr>
<td>11:30 am – 1:00 pm</td>
<td>Awards Luncheon and Welcome</td>
<td>Salon D</td>
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<tr>
<td></td>
<td>The NAREA Award for Outstanding Public Service through Economics</td>
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<tr>
<td></td>
<td>Recipient: Dr. Julie Caswell, Professor of Resource Economics, Univ. of Massachusetts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Title: “Using Information Policy to Change Markets”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Moderator: Josh Duke, Univ. of Delaware, NAREA President</td>
<td></td>
</tr>
<tr>
<td>1:15 pm – 2:45 pm</td>
<td>SELECTED PAPER SESSIONS 2.a – 2.d</td>
<td></td>
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<tr>
<td>2:45 pm – 3:00 pm</td>
<td>Afternoon Break</td>
<td>Foyer A-C</td>
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<tr>
<td>3:00 pm – 4:30 pm</td>
<td>SELECTED PAPER SESSIONS 3.a – 3.d</td>
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<tr>
<td>4:45 pm – 5:45 pm</td>
<td>NAREA Business Meeting</td>
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### TUESDAY, JUNE 3, 2014

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<th>Time</th>
<th>Event</th>
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<tr>
<td>8:30 am – 12:00 noon</td>
<td>Registration for Annual Meeting</td>
<td>Foyer A-C</td>
</tr>
<tr>
<td>9:00 am – 10:00 am</td>
<td>Invited Presentation</td>
<td>Salon D</td>
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<tr>
<td></td>
<td>Title: “Assessing land use and water quality trade-offs with spatial ecological economic models”</td>
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<tr>
<td></td>
<td>Dr. Elena Irwin, Professor of Environmental Economics, The Ohio State University</td>
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<tr>
<td></td>
<td>Moderator: Ted Jaenicke, Pennsylvania State Univ., NAREA President-Elect</td>
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</tr>
<tr>
<td>10:00 am – 10:30 am</td>
<td>Morning Break</td>
<td>Foyer A-C</td>
</tr>
<tr>
<td>10:30 am – 12:00 pm</td>
<td>SELECTED PAPER SESSIONS 4.a – 4.d</td>
<td></td>
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<tr>
<td>12:00 pm</td>
<td>Annual Meeting Ends</td>
<td></td>
</tr>
<tr>
<td>10:00 am – 5:00 pm</td>
<td>Registration for Annual Meeting/Pre-Annual Meeting Workshop</td>
<td>Foyer A-C</td>
</tr>
<tr>
<td>12:00 pm – 5:00 pm</td>
<td>Workshop on Non-Conventional Oil and Gas Energy Co-sponsored by NAREA and the National Agricultural &amp; Rural Development Policy (NARDeP) Center</td>
<td>Waterfront</td>
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<tr>
<td></td>
<td>Separate registration required</td>
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<tr>
<td></td>
<td>Please refer to the separate Workshop Program</td>
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</tbody>
</table>

For questions on the program, please contact Ted Jaenicke, Pennsylvania State Univ. and NAREA President-Elect
1.a **Carbon Dioxide and Energy**

*Moderator: Corey Lang (Univ. of Rhode Island)*

"Climate change policy and the balance of trade"
Gal Hochman* (Rutgers Univ.) and David Zilberman (Univ. California Berkeley)

"Joint Production of Electricity and CO2: A Dynamic Mixed Integer Linear Programming Model of Carbon Capture, Utilization and Storage"
Marc Mulkey* (West Virginia Univ.), Jerry Fletcher (West Virginia Univ.), and Richard Middleton (Los Alamos National Laboratory)

"Emission Functions for Electricity Generators, and How They Help Resolve a Controversy About the Emission Effects of Wind Power"
Andrew Kindle (Rensselaer Polytechnic Inst.), Kedaar Raman (Rensselaer Polytechnic Inst.), and Daniel Shawhan* (Resources for the Future)

"Province-level Convergence of China CO2 Emission Intensity A Spatial Dynamic Panel Data Analysis"
Xueting Zhao* (West Virginia Univ.), J. Wesley Burnett (West Virginia Univ.), and Donald J. Lacombe (West Virginia Univ.)

1.b **Livestock and Fish Production**

*Moderator: Siwa Msangi (IFPRI)*

"Dupont Analysis of Analyses of the Broiler Industry"
Ani Katchova (Univ. of Kentucky), Jeff Gillespie (Louisiana State Univ.), Charlie Hallahan (USDA Economic Research Service), Michael Harris (USDA Economic Research Service), Ken Erikson (USDA Economic Research Service), and Richard Nehring* (USDA Economic Research Service)

"Impacts of Federal Milk Marketing Order Pricing Policies on Dairymen Revenue"
HongSeok Seo* (Texas A&M Univ.) and Bruce A. McCarl (Texas A&M Univ.)

"Welfare analysis in a two-stage inverse demand model: Benefits of habitat restoration in regional fisheries"
Chris Moore* (US EPA NCEE) and Charles Griffiths (US EPA NCEE)

"Fishermen, Markets, and Evolution"
Sunny Jardine* (Univ. of Delaware) and James Sanchirico (Univ. of California, Davis)

1.c **Local Agriculture**

*Moderator: Ted Jaenicke (Pennsylvania State Univ.)*

"A model of farmers’ market location determinants, with an application to New England"
Joshua Berning (Univ. of Connecticut), Alessandro Bonanno* (Wageningen Univ. and Pennsylvania State Univ.), and Hamideh Etemaadnia (Pennsylvania State Univ.)

"Assessing Factors Affecting Consumer Demand for Local and Organic Agriculture: A Contingent Choice Approach"
Kyle Pusake (Univ. of New Hampshire), Maria Lonardo-Roy (Univ. of New Hampshire), Ju-Chin Huang (Univ. of New Hampshire), Nada Haddad (Univ. of New Hampshire Cooperative Extension), and John M. Halstead* (Univ. of New Hampshire)

"Consumer Behavior and Barriers to Purchasing Local Food: a Two-stage Decision Model"
Lingqiao Qi* (Univ. of Connecticut), Adam Rabinowitz (Univ. of Connecticut), and Benjamin Campbell (Univ. of Connecticut)

"Survival Analysis of the Value-Added Producer Grant (VAPG) Program from 2001 until 2010"
Alexis Solano* (USDA Rural Business-Cooperative Service)

1.d **Valuing Ecosystem Services**

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

"The Effect of Temporal and Spatial Specificity on Welfare Estimates in a Travel Cost Recreational Demand Model: Evidence From New York State Angler Participation"
Elizabeth Spink* (Cornell Univ.), Nancy A. Connelly (Cornell Univ.), Shanjun Li (Cornell Univ.), and Gregory L. Poe (Cornell Univ.)

"Analyzing Choice Experiment Data in Preference Space vs Willingness-to-Pay Space: Examples from three studies"
Sahan T. M. Dissanayake* (Colby College)

"Do Choice Experiments Provide Sufficient Information to Estimate Spatial Welfare Heterogeneity? Effects of Individualized Geocoding on Estimated Distance Decay"
Robert Johnston (Clark Univ.) and Benedict Holland* (Clark Univ.)

"Assessing Lost Ecosystem Service Benefits Due to Mining-Induced Stream Degradation in the Appalachian Region: Economic Approaches to Valuing Recreational Fishing Impacts"
Marisa Mazzotta* (US EPA), Lisa Wainger* (Univ. of Maryland), and Samantha Sifleet (US EPA)
MONDAY, JUNE 2, 2014
1:15 pm – 2:45 pm  SELECTED PAPER SESSIONS 2.a – 2.d

2.a  Retail and Commercial  Salon A

**Moderator: Abigail Okrent (USDA Economic Research Service)**

“Strategic Retailer Reactions to Wholesale Club Market Presence”
Christoph Bauner* (Rensselaer Polytechnic Inst.) and Emily Wang (Univ. of Massachusetts at Amherst)

“Patterns of Price-Cost Margins and Other Marketing Strategies Across the Food Retailing Landscape”

“Health Outcomes, Food Purchases, and the Food Landscape”
Danhong Chen (Pennsylvania State Univ.), Richard Volpe* (USDA Economic Research Service), and Edward Jaenicke (Pennsylvania State Univ.)

“An Analysis of the Relationship of Commercial Real Estate Investment and Economic Development in the Northeast Region of the United States”
Tizita Wasihun* (West Virginia Univ.), Tesfa Gebremedhin (West Virginia Univ.), and Peter Shaeffer (West Virginia Univ.)

2.b  Water  Salon B

**Moderator: Marisa Mazzotta (US EPA)**

“Spatial Distribution and Heterogeneity in Willingness to Pay for Ecosystem Services”
Carrie Gill* (Univ. of Rhode Island) and Emi Uchida (Univ. of Rhode Island)

“What ecosystem services do people actually care about?: A choice experiment survey of the Eastern Shore of Virginia concerning environmental values and climate change adaptation”
Ian Yue* (Univ. of Connecticut) and Stephen Swallow (Univ. of Connecticut)

“Optimal Groundwater Extraction Under Uncertainty and Spatial Depletion”
Nathaniel Merrill* (Univ. of Rhode Island) and Todd Guilfoos (Univ. of Rhode Island)

“Farm-management under multi-year drought: An application of discrete stochastic programming with fuzzy semi-Markov process”

2.c  Compliance With and Without Laws  Salon C

**Moderator: Will Wheeler (US EPA NCEE)**

“Enforcement and Compliance with Water Pollution Regulations”
Deitrich Earnhart (Univ. of Kansas) and Sarah Jacobson* (Williams College)

“Market competition and abatement technology diffusion under environmental liability law”
Yi Li* (Southern Methodist Univ.)

“Primed for conservation: Experimental evidence from nudges to join a water-use information website”
Laura Grant* (Univ. of Wisconsin, Milwaukee) and Michael Price (Georgia State Univ.)

“Third party certification and self-regulation: Evidence from responsible care and accidents in the US chemical industry”
Huan Li (Binghamton Univ.), Neha Khanna* (Binghamton University), and Martina Vidovic (Rollins College)

2.d  Food Production  Salon D

**Moderator: Gal Hochman (Rutgers Univ.)**

“Adaptation to climate change by fruit producers in South Korea”
Yoon-Young Choi* (Univ. of Connecticut), You-Seon Shin (Korean Rural Economic Inst.), Iraj Saleh (Univ. of Tehran), and Farhe Shah (Univ. of Connecticut)

“Credit constraints and federal crop insurance”
Jennifer Ifft* (USDA Economic Research Service), Liang Lu (Univ. California Berkeley), and David Zilberman (Univ. California Berkeley)

“Identifying the network of relationships and influential actors in the GMO policy debate in India”
Cliff Echols* (Rutgers Univ.), Sanjib Bhuyan (Rutgers Univ.), and Carl Pray (Rutgers Univ.)

“Drivers of growth in global livestock systems: Characterizing economic and environmental feedbacks across various production system types”
Siwa Msangi* (IFPRI) and Rachael Brown (IFPRI)

Presenting author marked with *

For questions on the program, please contact Ted Jaenicke, Pennsylvania State Univ. and NAREA President-Elect
MONDAY, JUNE 2, 2014
3:00 pm – 4:30 pm  SELECTED PAPER SESSIONS 3.a – 3.d

3.a  Food Demand Experiments  
Moderator:  Alessandro Bonanno (Wageningen Univ. and Pennsylvania State Univ.)

“What determine Willingness to Pay for Organic Food: an Experimental Study Using Structural Equation Modeling”
Xinwei Chen* (Univ. of Delaware) and John Bernard (Univ. of Delaware)

“Analyzing the Consumer’s Sweet Tooth: A Field Experiment on Country-of-Origin Labeling for Chocolate”
Lenna Hildebrand (Univ. of Delaware), John Bernard* (Univ. of Delaware), and John Pesek (Univ. of Delaware)

“A Choice Based Conjoint Analysis of Community Supported Agriculture (CSA) in Connecticut: Valuation of Attributes”
Qiushuo Yu* (Univ. of Connecticut), Benjamin Campbell (Univ. of Connecticut), and Jennifer Martin (Univ. of Connecticut)

“Influence of Product Type and Perceptions on the Geographic Boundary for Local Products”
Madiha Zaffou* (Univ. of Connecticut) and Benjamin Campbell (Univ. of Connecticut)

3.b  Climate Change Policy  
Moderator:  Dan Shawhan (Resources for the Future)

“Adapting to Monsoon Variability in India: the Case for Irrigation”

Christine Crago (Univ. of Massachusetts at Amherst) and Ilya Chernyakhovskiy* (Univ. of Massachusetts at Amherst)

“Evaluate the impact of voluntary program on promoting energy efficient technology”
Rong Zhou* (Univ. of Connecticut) and Kathleen Segerson (Univ. of Connecticut)

“Experiments in Environmental Service Provisioning Mechanisms with Spatially Explicit Externalities: An Application in Coastal Infrastructure”
Jacob Fooks* (Univ. of Delaware)

3.c  Symposium: A Hedonic Exploration of Water Quality in the Chesapeake Bay  
Moderator:  Josh Duke (Univ. of Delaware)

“Testing the sensitivity of hedonic price estimates for the Chesapeake Bay”
Charles Griffiths* (US EPA NCEE), Dennis Guignet (US EPA NCEE), Heather Klemick (US EPA NCEE), and Patrick Walsh (US EPA NCEE)

“The Implicit Price of SAV: A Hedonic Study of the Chesapeake Bay”
Dennis Guignet* (US EPA NCEE), Charles Griffiths (US EPA NCEE), Heather Klemick (US EPA NCEE), and Patrick Walsh (US EPA NCEE)

“Explaining variation in the value of water clarity using internal meta-analysis”
Heather Klemick* (US EPA NCEE), Charles Griffiths (US EPA NCEE), Dennis Guignet (US EPA NCEE), and Patrick Walsh (US EPA NCEE)

“Water Quality and Property Prices in the Chesapeake Bay”
Patrick Walsh* (US EPA NCEE), Charles Griffiths (US EPA NCEE), Dennis Guignet (US EPA NCEE), and Heather Klemick (US EPA NCEE)

3.d  Land Conservation  
Moderator:  Jennifer Ifft (USDA Economic Research Service)

“Federal Conservation Lands and Retiree Migration: Exploring the Relationship and Implications for Economic Development”
Sarah Cline* (US Dept. of Interior)

“Land Conservation in the face of Sea-Level Rise”
Meagan Hennessey* (Colby College) and Sahan Dissanayake (Colby College)

“Conservation attitudes about cost-effectiveness of land preservation: A case study from Maryland”
Kent Messer (Univ. of Delaware), William Allen III (The Conservation Fund), Maik Kecinski* (Univ. of Delaware), and Yu Chen (Univ. of Delaware)

“The Influence of the Credit Stacking Programs: The Coexistence of Regional Credits and Global Credits in Ecosystem Markets”
Pengfei Liu* (Univ. of Connecticut) and Stephen Swallow (Univ. of Connecticut)
TUESDAY, JUNE 3, 2014  
10:30 am – 12:00 pm  SELECTED PAPER SESSIONS 4.a – 4.d

4.a  Food Demand  
Moderator: Kent Messer (Univ. of Delaware)  
"Impact of Health Labeling on Willingness to Pay for a New Berry in the U.S.: Evidence from Aronia Berries"  
Omer Hoke* (Univ. of Connecticut), Benjamin Campbell (Univ. of Connecticut), Mark Brand (Univ. of Connecticut), and Thao Hau (Univ. of Connecticut)

"Effects of Credence Attribute Labeling on Consumer Demand and Ambiguity"  
Jura Liaukonyte* (Cornell Univ.), Nadia Sreletskaia (Cornell Univ.), and Harry Kaiser (Cornell Univ.)

"What’s Cooking? The Rise in Demand for Prepared Foods in the United States"  
Abigail Okrent* (USDA Economic Research Service) and Aylin Kumcu (USDA Economic Research Service)

"The Evolution of Nutritional Quality: Evidence from the Ready-to-Eat Cereal Industry"  
Emily Wang* (Univ. of Massachusetts at Amherst), Christian Rojas (Univ. of Massachusetts at Amherst), and Christoph Bauner (Rensselaer Polytechnic Inst.)

4.b  Land Use, Policy, and Natural Gas  
Moderator: Doug Morris (Univ. of New Hampshire)  
"Spatial Logistic Methods for Spatially Explicit Neighborhood Externalities"  
Nazia Arbab* (West Virginia Univ.) and Alan Collins (West Virginia Univ.)

"Do Initial Conditions Matter in Unconventional Energy Development? Comparing the Economic Impacts of Natural Gas Development in Pennsylvania and West Virginia and Texas, Arkansas, Oklahoma, Louisiana, and New Mexico"  
Isha Rajbhandari* (Ohio State Univ.), Alessandra Faggian (Ohio State Univ.), and Mark Partridge (Ohio State Univ.)

"I want in on that: Community-level policies for unconventional gas development in New York"  
Jayne Piepenburg* (Indiana Univ.), Nikolaos Zirogiannis (Indiana Univ.), and John Rupp (Indiana Univ.)

"Unconventional Natural Gas Development: Influence on Forest Resources and the Forest Products Industry in West Virginia"  
Shawn Gruschecky* (West Virginia Univ.), Jingxin Wang (West Virginia Univ.), Timothy Carr (West Virginia Univ.), and Maneesh Sharma (West Virginia Univ.)

4.c  Hedonic Valuation  
Moderator: John M. Halstead (Univ. of New Hampshire)  
"Spatial Extent of the Impact of Water Quality Degradation on Coastal Housing Markets: A combined Hedonic and Cognitive Approach"  
Mahesh Ramachandran* (Cape Cod Commission)

"Ontario's Greenbelt: Reviewing the Effect on Farmland Values under Alternate Approaches to Addressing Endogeneity"  
Richard Vyn* (Univ. of Guelph) and Brady Deaton (Univ. of Guelph)

"The Net Value of Open Space Preservation"  
Corey Lang* (Univ. of Rhode Island)

"Wind Turbines and Property Values: A Choice Experiment Approach including Sociological and Psychological Factors"  
Martin Heintzelman* (Clarkson Univ.) and Stephen Sauer (Clarkson Univ.)

4.d  The Local and the Social  
Moderator: Sahan Dissanayake (Colby College)  
"Effect of Coupled Social-Ecological System Characteristics on Poverty Traps: Determining Optimal Aide Program"  
Kyle Montanio* (Univ. of Rhode Island), Thomas Sproul (Univ. of Rhode Island), and Emi Uchida (Univ. of Rhode Island)

"Community-scale innovations to conserve natural resources: assessing patterns in interactions among state and local government policies"  
Kathleen Bell* (Univ. of Maine), Erik Nelson (Bowdoin College), Dana Bauer (Boston Univ.), and Jessica Balukas (Univ. of Maine)

"Impact of Social Interaction on Land Use Choice in the Amazon"  
Patrick J. Walsh* (US EPA NCEE), Shubhayu Saha (Centers for Disease Control), Erin Sills (North Caroline State Univ.), Subhrendu K. Pattanayak (Duke Univ.), and Jill Caviglia-Harris (Salisbury Univ.)

"Clusters of Organic Operations and their Impact on Regional Economic Growth in the United States"  
Ioana (Julia) Marasteanu* (Pennsylvania State Univ.) and Edward Jaenicke (Pennsylvania State Univ.)

Presenting author marked with *

For questions on the program, please contact Ted Jaenicke, Pennsylvania State Univ. and NAREA President-Elect
Northeastern Agricultural and Resource Economics Association (NAREA)  
2014 Post-Conference Workshop Program  
Unconventional Gas and Oil Development: Economic and Environmental Impacts

Sponsored by:  
National Agricultural and Rural Development Policy Center (NARDeP)  
Davis College of Agriculture, Natural Resources, and Design, West Virginia University  
Office of Sponsored Programs, West Virginia University  
Regional Research Institute, West Virginia University

TUESDAY, JUNE 3, 2014

<table>
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<th>Time</th>
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| 12:00 noon – 1:00 pm | Registration  
Conference Area Lobby |
| 1:00 pm – 2:00 pm   | Opening presentation by Timothy Carr, Marshall Miller Professor of Petroleum Geology, West Virginia University  
“You Say You Want a Revolution: Shale Gas and Shale Oil in the U.S.” |
| 2:00 pm – 4:00 pm   | Economic Development Paper Session  
2. The Economic Impact of Shale Gas Development: A Natural Experiment along the New York and Pennsylvania Border, Brendan Cosgrove, Colby College  
3. An Empirical Investigation of Hydraulic Fracturing, Timothy Fitzgerald, Montana State University  
4. Local and Non-Local Employment Associated with Marcellus Shale Development in Pennsylvania, Timothy Kelsey, Pennsylvania State University |
| 4:00 pm – 4:15 pm   | Coffee Break |
| 4:15 pm – 6:15 pm   | Reveal Preference Paper Session  
1. The Housing Market Impacts of Shale Gas Development, Elisheba Spiller, Environmental Defense Fund  
2. Underground Storage of Natural Gas: An Examination of Property Values in Indiana, Michaela Jellico, Purdue University  
3. Impact and Response: The Boomtown Effect of Shale Gas and Oil Drilling on Local Housing Markets, Michael Farren, Ohio State University  
| 6:30 pm – 8:30 pm   | Dinner and Keynote Address by Alan J. Krupnick, Senior Fellow Resources for the Future, Director of the Center of Energy Economics and Policy, and President of the Association of Environmental and Resource Economists  
“What the Experts Say About the Environmental Risks of Shale Gas Development” |
| 8:30 pm – 10:30 pm  | Reception (Cash Bar) |
**WEDNESDAY, JUNE 4, 2014**

8:00 am – 10:00 am  
Panel Discussion

**Moderator:**  
Randall Jackson, Director of the Regional Research Institute

**Panelists:**  
Brian Anderson, GE Plastics Material Engineering Professor of Chemical Engineering, West Virginia University  
Stratford Douglas, Associate Professor of Economics, West Virginia University  
Joshua Fershee, Associate Professor of Law, Fellow of the Center for Energy and Sustainable Development, West Virginia University  
Michael McCawley, Interim Chair, Department of Occupational and Environmental Health Sciences, West Virginia University  
Douglas Patchen, National Research Center for Coal and Energy, Director Resource Extraction Division, West Virginia University  
Paul Ziemkiewicz, Director of West Virginia Water Research Institute, West Virginia University

10:00 am – 10:30 am  
Coffee Break

10:30 am – 12:30 am  
**Environmental Impact Paper Session**

1. Shale Oil and Gas Boom Economic Impacts and Assessment of Environmental Tradeoffs, Wallace E. Tyner, Purdue University  
2. Water Quality Policy Considerations in Hydraulic Fracturing, Linda M. Fernandez, Virginia Commonwealth University  
4. Coal Seam Gas, Agriculture and the Environment: Something’s Gotta Give…, or Does It?, Tiho Ancev, The University of Sydney

12:30 pm – 2:00 pm  
Lunch on your own

2:00 pm – 4:00 pm  
**Environmental Justice Paper Session**

1. Understanding Local Regulation of Hydro-Fracking: A Spatial Econometric Approach, Martin Heintzelman, Clarkson University  
2. A Test of Environmental Justice in the Natural Gas Industry Among Private Leasing Terms, Christopher Timmins, Duke University  
3. Effects of Information-Based Regulation: Evidence from Hydraulic Fracturing, T. Robert Fetter, Yale University

4:00 pm  
Official Workshop Closes
THURSDAY, JUNE 5, 2014 (Optional, Please register in advance)

8:30 am – 11:30 am  Well pad tour, Northeast Natural Energy, LLC

12:00 noon – 2:00 pm  Lunch with Northeast Natural Energy Staff (Each attendee pays on their own)

2:30 pm  Back at Waterfront Place Hotel