

## FROM THE PRESIDENT...

It's been another busy year for AERE. Here are the highlights from the past six months and several things to plan for and look forward to!

### AERE Summer Conference in San Diego

In June AERE's 4<sup>th</sup> annual summer conference was held at the U.S. Grant Hotel in the wonderful Gaslamp Quarter in San Diego. It had the highest attendance of all the AERE summer conferences with over 350 attendees. Many thanks to the co-chairs of the conference: Mary Evans (Claremont McKenna College) and Andrew Plantinga (UC Santa Barbara), their co-organizers Susan Capalbo (Oregon State University) and Junjie Zhang (UC San Diego), and ex-officio members: Marilyn Voigt (AERE Executive Director), Norman Meade (National Oceanic and Atmospheric Administration), and Marca Weinberg (USDA Economic Research Service).

The conference featured an excellent keynote address by Scott Taylor (University of Calgary), a sold-out pre-conference workshop on field experiments led by Meredith Fowlie (UC Berkeley) and Mushfiq Mobarak (Yale), a poster session, and many outstanding paper sessions. Thanks to our sponsors for the conference: National Oceanic and Atmospheric Administration (NOAA), USDA Economic Research Service, The Brattle Group, Industrial Economics, and the UCLA Luskin Center for Innovation.

The awards luncheon is always a highlight of the AERE conference. This year Don Fullerton (University of Illinois) and Cathy Kling (Iowa State University) were made Fellows of the Association—the highest honor of AERE to two well deserving individuals. The Ralph C. d'Arge and Allen V. Kneese award for the outstanding journal article in *JAERE* was given to Joshua Linn, Erin Mastrangelo, and Dallas Burtraw for their paper: "Regulating Greenhouse Gases from Coal Powered Plants under the Clean Air Act" (*JAERE* Volume 1 (1-2): pp. 97-134, 2014). The Publication of Enduring Quality was awarded to John Hartwick for his paper "Intergenerational Equity and the Investing of Rents from Exhaustible Resources," *American Economic Review*, 67, 5 (1977): 972-974.

I'd like to thank the committees responsible for selecting these awards. Thanks to the AERE Board for the selection of the AERE Fellows, to Klaas Van't (Uni-

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versity of Wyoming), Hilary Sigman (Rutgers University), and Brian Copeland (University of British Columbia) for selecting the publication of enduring quality and to *JAERE* editor Dan Phaneuf (University of Wisconsin, Madison), Max Auffhammer (UC Berkeley) and JunJie Wu (Oregon State University) for selecting the *JAERE* outstanding journal article.

At the AERE Board meeting we addressed a number of issues including some changes to the *Review of Environmental Economics and Policy (REEP)*. We are very pleased to be entering into an agreement with the European Association of Environmental and Resource Economists (EAERE) to make *REEP* an official journal of both associations effective January 2016. See the announcement by Carlo Carraro, *REEP* editor, on page 5 of this newsletter.

### Upcoming AERE Events

The next major highlight on the AERE calendar is the **Allied Social Science Associations Meeting** in San Francisco, CA, January 3-5, 2016. There will be a full slate of AERE sessions at the conference thanks to the outstanding volunteer work of the selection committee: Chair Meredith Fowlie (UC Berkeley), Katrina Jessoe (UC Davis) and Nicolai Kuminoff (Arizona State University). The AERE Board will meet during the meeting and the AERE Luncheon and (brief) Business Meeting will be held on Monday, January 4<sup>th</sup>. A special feature of our winter meeting luncheons has been the Fellow's Talk. This year we are delighted that Kerry Smith (Arizona State University) will be our guest speaker. In addition, the very first AERE Distinguished Dissertation Award will be presented at the luncheon. We are very grateful to the individuals who are financially supporting this award and to the AERE members who served on the selection committee: Nick Flores, Chair (University of Colorado), Amy Ando (University of Illinois Urbana-Champaign), Dietrich Earnhart (University of Kansas), Sumeet Gulati (University of British Columbia), J.R. DeShazo (University of California, Los Angeles), and Andrew Plantinga (UC Santa Barbara). I hope to see many of you there! Please register for the luncheon at [www.aere.org](http://www.aere.org) by **December 14<sup>th</sup>** for early bird prices before rates go up and registration closes on the 21<sup>st</sup>.

A number of other conference sessions have been organized on behalf of AERE. Fifteen sessions at the **Southern Economic Association** November 21-23 in New Orleans, LA were organized by John Whitehead (Appalachian State University). Thanks again to John for his ongoing service to AERE. Lea-Rachel Kosnik (University of Missouri, St. Louis), has also once again organized AERE sessions at the **Midwest Economics**

**Association (MEA)** conference which will be held in Evanston, IL on April 1-3, 2016.

AERE, EAERE and the East Asian Association of Environmental and Resource Economics (EAAERE) are looking for proposals for the **6<sup>th</sup> World Congress of Environmental and Resource Economists (WCERE)**. See page 12 for the Call for Expressions of Interest; the deadline to submit is December 15, 2015. Contact Professor Cees Withagen, chair of the selection committee ([cwithagen@feweb.vu.nl](mailto:cwithagen@feweb.vu.nl)), for additional information. Thanks to Laura Taylor (North Carolina State University) and Jeff Englin (Arizona State University) for representing AERE on the site selection committee.

### AERE Summer Conference 2016

We are all looking forward to the AERE Summer Conference at the Beaver Run Resort and Conference Center in Breckenridge, Colorado, on June 9-11, 2016. This is a beautiful, historic area in the Colorado Rockies and it will no doubt be another successful opportunity for AERE members to get together to share research and have some fun as well. See page 8 for the call for papers. Thanks to Co-Chairs Harrison Fell (Colorado School of Mines) and Dan Kaffine (University of Colorado, Boulder) and their team of co-organizers Peter Berck, (UC Berkeley), Patricia Champ (U.S. Forest Service) and John Loomis (Colorado State University) for all their work on the conference.

### AERE Election

All 2015 AERE members are eligible to vote in this year's election for President, Vice-President, and two new Board members. The ballot will be emailed to members in mid-November. I'd like to thank AERE Vice President Richard Newell (Duke University), Cathy Kling (Iowa State University) and Richard Carson (UC San Diego) for putting together an outstanding group of candidates. Please remember to vote **by December 1<sup>st</sup>**.

I hope to see you in San Francisco.

Vic

**Vic Adamowicz**  
**AERE President**  
**University of Alberta**  
**Vic.Adamowicz@ualberta.ca**  
**Phone: 780-492-4603**

On a sad note – as this issue was going to press, we received word that one of our inaugural AERE Fellows and a great friend of AERE, Wally Oates, passed away at the end of October. Please see the tribute and remembrance from John Loomis and Cathy Kling on page 5.

## AERE NEWS

### AERE BOARD OF DIRECTORS MEETING

The AERE Board Meeting will be held on **Sunday, January 3, 2016, from 5:30 – 8:30 p.m.** at the Hilton Union Square – Van Ness Room. Anyone with matters to be brought before the Board should contact the president:

**Vic Adamowicz**  
**University of Alberta**  
**vic.adamowicz@ualberta.ca**  
**Phone: 780-492-4603**

### AERE BUSINESS MEETING AND LUNCHEON

The AERE Luncheon and Business Meeting with AERE Fellow's Talk by **Dr. V. Kerry Smith**, Arizona State University, will be held on **Monday, January 4, 2016, from 12:15 – 2:15 p.m.**, at the Hilton Union Square — Golden Gate 1 & 2.

Due to outrageously high food prices in San Francisco, AERE will subsidize the lunch to keep costs in line with previous years. The Hilton offers **early-bird pricing**—to take advantage of that, click [here](#) to make your reservation **by Monday, December 14, 5:00 pm EST**. After that, rates increase 10%. Final date to make a reservation is: Monday, December 21, 2015, 5:00 p.m. EST. We hope many members can join us for this always-popular event!

### AERE DOCTORAL DISSERTATION AWARD

AERE invites nominations for the 2015 Outstanding Doctoral Dissertation Award. Nominees must have earned their doctoral degree in 2015 and written a doctoral dissertation in environmental or resource economics. The award winner will receive a \$1,500 cash award along with a \$500 travel grant to attend a recognition ceremony at the 2017 AERE Luncheon at the Allied Social Sciences Association annual meeting in Chicago, Illinois in January 2017. The winner's dissertation abstract will be published in the *Journal of the Association of Environmental and Resource Economists*.

Nominations must come from the chair of the nominee's dissertation committee and must include (1) a nominating letter from the chair outlining the particular strengths and intellectual contributions of the dissertation, and (2) an electronic version of the final and completed doctoral dissertation. The nominating chair of the dissertation committee must be a current AERE member at the time of nomination.

Dissertations will be judged by a panel of AERE members who will emphasize originality of research, quality of implementation, expositional clarity, along with intellectual and practical significance of research findings.

Nominations should be sent by email to Professor Nicholas Flores (Nicholas.Flores@colorado.edu) **no later than midnight PST, April 30, 2016.**

### AERE ELECTION

All 2015 AERE members are eligible to vote in this year's election for a President, Vice President, and two new members of the Board of Directors. The ballot information will be sent via email from [info@aere.org](mailto:info@aere.org) on Monday, November 16 along with the biographical sketches submitted by each candidate. AERE Vice President Richard Newell (Duke University), Richard Carson (University of California, San Diego), and Cathy Kling (Iowa State University) have put together an outstanding slate of candidates. Please remember to cast your vote **by December 1<sup>st</sup>, 11:59 p.m. PST**. Questions regarding the on-line election process should be directed to: [info@aere.org](mailto:info@aere.org).

**AERE FELLOWS 2015  
CALL FOR NOMINATIONS**

This program recognizes outstanding contributions to the field by members of the association. The 2015 AERE Fellows will be announced at the AERE Summer Conference in June 2016.

**Criteria:** Awardees will have demonstrated a significant contribution to the advancement of the profession of environmental and resource economics. A candidate must be living at the time of nomination; membership in AERE is not required.

**Nomination Process:** Any member of AERE may nominate a candidate for Fellow. A nomination packet should include a vita of the nominee, a two-page nomination letter outlining what contributions the individual has made that warrant the award, and at least one additional letter of support from a second individual.

In addition, members of the AERE Board of Directors may consider candidates that have not been otherwise nominated that they feel are especially worthy.

**Selection Process:** Nomination packages are to be submitted **by December 1, 2015**, to the AERE president:

**W.L. (Vic) Adamowicz  
University of Alberta  
515 General Services Building  
Edmonton, Alberta, Canada T6G 2H1  
Office Phone: 780-492-4603**

The president will distribute copies to each of the Board members who will select newly appointed Fellows from the set of nominations. Newly elected Fellows will be notified in advance to provide ample time to make travel arrangements to attend the Awards Program. In future years, a separate Fellows Committee may be impaneled to aid in the initial screening of candidates.

**Maximum Number of Awards:** Three for 2015

**Inaugural AERE Fellows 2005**

Maureen L. Cropper  
W. Michael Hanemann  
Karl-Göran Mäler  
Wallace E. Oates  
V. Kerry Smith  
Tom Tietenberg

**AERE Fellows 2006**

Richard C. Bishop  
Nancy E. Bockstael  
Ronald G. Cummings  
Anthony (Tony) C. Fisher  
Geoffrey M. Heal  
Clifford S. (Cliff) Russell

**AERE Fellows 2007**

Daniel W. Bromley  
Gardner M. Brown, Jr.  
Charles W. (Chuck) Howe  
Kenneth E. (Ted) McConnell  
Kathleen Segerson  
David Zilberman

**AERE Fellows 2008**

Thomas Crocker  
A. Myrick Freeman III  
Alan Randall

**AERE Fellows 2009**

Richard T. Carson  
Charles D. Kolstad  
Robert N. Stavins

**AERE Fellows 2010**

Alan J. Krupnick  
Stephen Polasky  
Martin L. Weitzman

**AERE Fellows 2011**

Trudy Ann Cameron  
William D. Nordhaus  
James Wilen

**AERE Fellows 2012**

Lawrence H. Goulder  
John B. Loomis  
Robert Pindyck

**AERE Fellows 2013**

Joseph A. Herriges  
Jason Shogren

**AERE Fellows 2014**

Don Fullerton  
Catherine L. Kling

## **In Memoriam**

### **Wallace E. Oates**

Inaugural AERE Fellow, Wallace E. Oates, died on October 30, 2015. Professor Oates' scholarly writings over his long career helped define the field of environmental economics during its formative stages. His classic book with William Baumol, *The Theory of Environmental Policy*, trained numerous AERE members in environmental economics. Many have used that book as the core text when teaching that subject, multiplying the influence of Professor Oates' work. The book (with 5,727 citations to it) not only went through two editions, but was reprinted four times it was so popular. Beyond that and the other five books he wrote, his scholarly influence was reflected in over 100 papers that covered a broad spectrum not only of environmental economics, but also political economy and public finance. Wally Oates received his Ph.D. from Stanford University in 1965 and spent 14 years on the faculty at Princeton University before joining the Department of Economics at the University of Maryland, College Park in 1979. He retired with the title of distinguished university professor.

### ***Lessons to Inspire***

*Former AERE President and AERE Fellow, Catherine L. Kling (Iowa State University), was asked to share some personal thoughts about friend and colleague, Wally Oates. They are printed below.*

I owe debts to many giants in our field, but my debt to Wally Oates is unique: I am an environmental economist because of him. I enrolled in his graduate environmental economics class in my second year of graduate studies. The lessons were immediate and deeply inspiring. An economist who studied environmental problems. Wow. An economist who turned math into compelling, intuitive statements. Wow. An economist who showed respect and kindness, even to lowly graduate students. Wow. Professor Oates set a bar of professionalism that has inspired me throughout my career: be open to new ideas but always think rigorously, use all tools of the trade but remember that simple is usually best, and above all, be kind and respectful of everyone. He is gone, but his gifts to me will endure.

**CALL FOR NOMINATIONS  
AERE PUBLICATION OF  
ENDURING QUALITY AWARD 2015**

The AERE Board of Directors will present the annual award (to co-authors if appropriate) for a publication of enduring quality that appeared at least five years prior to the year of the award. Nominated works are to be evaluated on their seminal nature and enduring value. Place and type of publication are unrestricted but posthumous awards will not be given. Nominees may include individuals who are not members of AERE.

Evaluation of nominated works and final selection for the 2015 award will be undertaken by a committee chaired by Hilary Sigman (Rutgers University). Nomination packages should consist of four copies each of a cover letter, a document supporting the nomination, and the publication itself. The supporting document (not to exceed three pages) should include quantitative as well as qualitative information (e.g., number of citations or copies printed). Nominations should be sent to arrive no later than **December 1, 2015**. This is an important award for AERE and for the recipients. Please give serious consideration to nominating a publication and to observing the submission requirements.

**Hilary Sigman**  
**Rutgers University**  
**Email: [hsigman@rutgers.edu](mailto:hsigman@rutgers.edu)**  
**Subject Line: AERE PEQ Award**

**JAERE UPDATE**

***The Journal of the Association of Environmental and  
Resource Economists: Official Journal of AERE***

AERE leadership and management have recognized and shared the frustration that a number of members have experienced regarding lack of access to electronic copies of *JAERE*. We are very glad to announce that the problem has finally been solved by The University of Chicago Press (UCP). Effective the first week in January 2016, members will have access to both the “online version” (PDFs and full-text HTML), plus the e-Book downloads (MOBI and Epub) for *JAERE* all in one location. All members will receive an email at that time with details. We sincerely apologize for the lack of access to our new journal—a problem we had not foreseen given all our available technology. Current members unable to access *JAERE* now may contact [info@aere.org](mailto:info@aere.org) to receive PDF copies of articles.

**REEP UPDATE**

***The Review of Environmental Economics and Policy*  
Official Journal of AERE and EAERE**

An important and farsighted decision has recently been taken by AERE and EAERE. The board and council of the two associations have decided that the *Review of Environmental Economics and Policy (REEP)* is now the official journal of both AERE and EAERE. According to the agreement, *REEP* will display the logo of both organizations in a balanced fashion, and an electronic subscription to *REEP* will be included in individual membership benefits for all AERE and EAERE members.

AERE and EAERE have also agreed to work with *REEP*'s editors to increase international representation both on the journal's Editorial Board and among its editors in order to promote *REEP* as a truly international journal focused on environmental and resource economics and policy. At the same time, EAERE has committed to working with AERE to seek out funding opportunities to support the journal's mission. I would like to express my sincere thanks to the presidents of AERE and EAERE—Vic Adamowicz and Anil Markandya—and to their Board and Council, for this important achievement.

I hope that through this new collaboration between AERE and EAERE, *REEP* will be able to fully reflect the interests and respond to the needs of the worldwide membership of both associations, as well as *REEP*'s broader constituency of readers. The ultimate success of this journal does not depend solely on citation counts or circulation numbers, but rather on whether the journal is actually read and hence of real value to its audience.

The last issue of *REEP* is available at <http://reep.oxfordjournals.org/content/current> (click [here](#)). It contains two very interesting symposia: one on “Unemployment, Environmental Regulation, and Benefit-Cost Analysis” and the other one on “The Green Paradox and Climate Policy”. The reflection in this issue is on “Managing Uncertain Climates: Some Guidance for Policy Makers and Researchers” authored by Frank Convery and Gernot Wagner.

**Carlo Carraro**  
**Editor-in-chief, *REEP***  
**[ccarraro@unive.it](mailto:ccarraro@unive.it)**

## AERE MEMBERSHIP OPTIONS

AERE membership rates for 2016 remain the same. Please renew your membership and take advantage of the three-year payment plan—now available for individual, Institutional, and University members! Discounted rates are available for students as well as individual residents of low, lower-middle, and upper-middle income countries in accordance with the definition provided by the World Bank.

To become a **University Member**, a contribution of \$350/annual or \$999 (for three years) is required\*. With this contribution, colleges and universities:

- may designate one person (or up to four students) to receive a 2016 individual membership in AERE. Benefits include an electronic subscription to the *Review of Environmental Economics and Policy (REEP)* and to AERE's new journal, the *Journal of the Association of Environmental and Resource Economists (JAERE)*. Please see the complete listing of membership benefits on the AERE web page.
- are entitled to a sponsorship listing on the AERE Web page ([www.AERE.org](http://www.AERE.org)) and in the *AERE Newsletter* and *JAERE*;
- will receive one free advertisement on the AERE Web page and in the *AERE Newsletter* for the calendar year (a savings of \$250).

To become an **Institutional Member** of AERE, a contribution of \$1,000 or \$2,850 (for three years) is required\*. With this contribution, institutions receive the above benefits plus:

- one complimentary registration to the 2016 AERE Summer Conference;
- two nontransferable tickets for institution staff to the annual AERE Business Meeting and Luncheon at the ASSA meeting in Chicago, Illinois in January 2017;
- recognition at the annual AERE Business Meeting and Luncheon at the ASSA meeting.

\*Note: A discounted rate of \$100 for University and Institutional membership with some benefits (see the AERE web page under "Membership") is available for organizations located in low, lower-middle, and upper-middle income countries in accordance with the definition provided by the World Bank.

## AERE MEMBERSHIP SERVICES

Please direct any questions or requests regarding your membership, subscriptions to *JAERE*, *REEP*, luncheon or AERE Summer Conference registrations, receipts, or related membership matters to:

AERE Membership Services  
Future Field Solutions  
13006 Peaceful Terrace  
Silver Spring, MD 20904  
[info@aere.org](mailto:info@aere.org)  
Telephone: 202-559-8998  
Fax: 202-559-8998

Marilyn M. Voigt, AERE Executive Director, can be reached at:

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1616 P Street NW, Suite 600  
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## *AERE Newsletter*

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## 2015 INSTITUTIONAL AND UNIVERSITY MEMBERS OF AERE

### Institutional Members

Environmental Defense Fund

Resources for the Future

Fondazione Eni Enrico Mattei – FEEM

Rocky Mountain Research Station U.S.F.S.

### University Members

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Department of Economics

Clark University  
Department of Economics

Colorado School of Mines  
Division of Economics and Business

Colorado State University  
Agricultural and Resource Economics

Columbia University  
School of International and Public Affairs  
and The Earth Institute

Duke University  
Energy Initiative

Iowa State University  
Agricultural and Rural Development

Johns Hopkins University  
Carey Business School and  
Whiting School of Engineering

Macalester College  
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Environmental Sociology

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Agricultural and Resource Economics

University of California, Davis  
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Department of Economics

University of Chicago  
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University of Colorado Boulder,  
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University of Hawaii at Manoa  
Department of Economics

University of Illinois at Urbana-Champaign  
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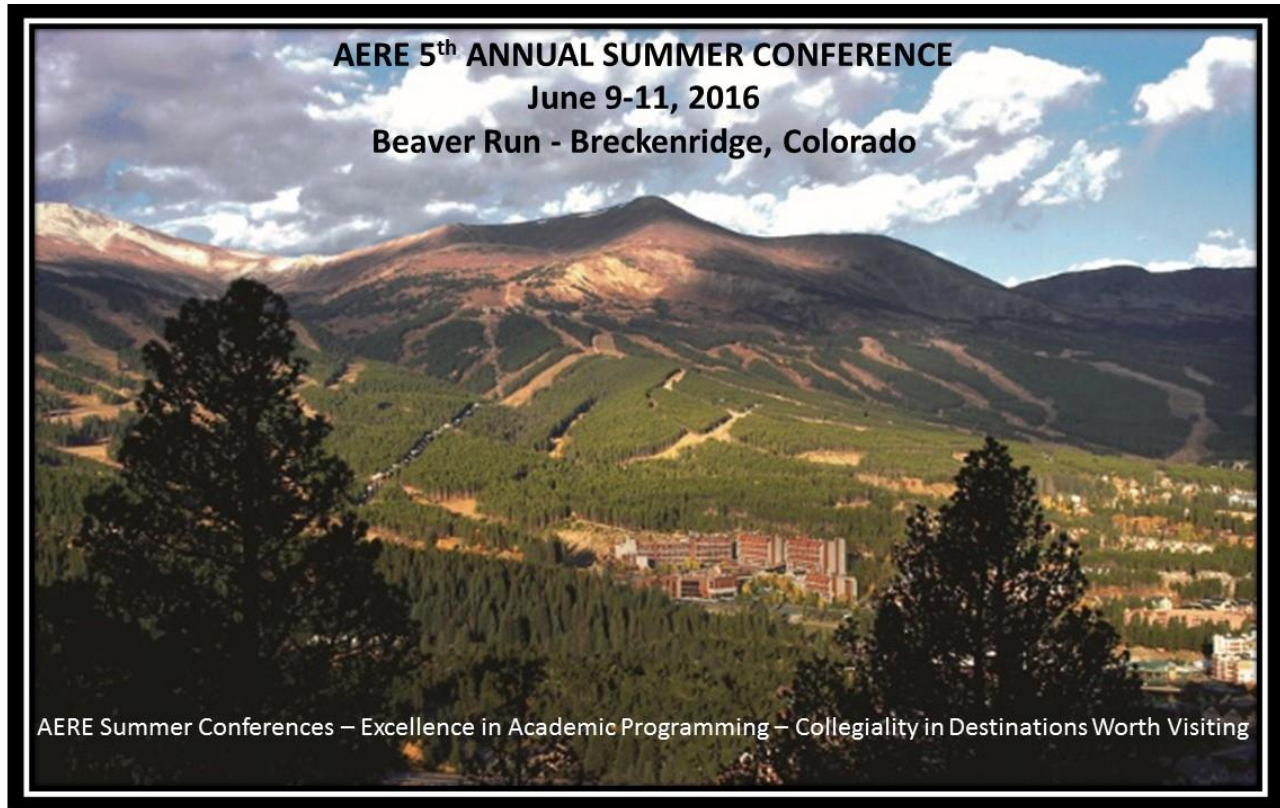
University of Wisconsin-Madison  
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# CALLS FOR PAPERS

## AERE SUMMER CONFERENCE 2016



### **AERE Summer Conferences** *Excellence in Academic Programming* *Collegiality in Destinations Worth Visiting*

The fifth annual AERE Summer Conference will be held Thursday, June 9, to Saturday, June 11, 2016 at the Beaver Run Resort and Conference Center located in Breckenridge, Colorado in the heart of the Colorado Rockies. As the largest historic district in the state, Breckenridge history is rich and colorful—and the AERE Conference has proven to be a popular and successful event for our profession—please join us! A pre-conference workshop, led by Matthew Harding (Duke University) as well as industry practitioners, will be held on Thursday, June 9. The pre-conference workshop will focus on “Big Data in Environmental and Resource Economics.” The conference will begin with an informal welcome reception on Thursday evening; the academic program will follow on Friday and Saturday. We encourage participation from academic, public, and private sector environmental and resource economists as well as graduate students, in particular those entering the job market.

The conference will feature **General Sessions**, **Sponsored Sessions**, and a **Poster Session**. **General Sessions** and the **Poster Session** are open to all topics of interest to environmental and natural resource economists.

**Sponsored Sessions** will feature papers focusing on either of the following two themes: 1) behavioral economics and the environment, and 2) adaptation to climate change. For example, papers submitted for the behavioral economics theme could examine the use of behavioral economics to inform program development related to resource and environmental issues, per the recent Executive Order to incorporate behavioral science into federal policies. Papers submitted for the climate change and adaptation theme could examine adaptive responses to more frequent extreme events, as an example. Presenters in the Sponsored Sessions must provide full papers to discussants by May 20, 2016. Registration plus up to \$1,000 in travel costs (with original receipts) will be reimbursed for one presenter per paper accepted

for a Sponsored Session. **Note: All presenters must be 2016 AERE members.** AERE gratefully acknowledges funding provided for the Sponsored Sessions by the Economic Research Service, U.S. Department of Agriculture, and the National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

### Abstract Submission

To submit an abstract, go to [www.aere.org](http://www.aere.org) and click on the conference link. In the event they are not selected, abstracts submitted for the **Sponsored Sessions** will automatically be considered for inclusion in the **General Sessions** unless otherwise noted in the abstract. In the event they are not selected, abstracts submitted for the **General Sessions** will be considered for inclusion in the **Poster Session** only if explicitly noted in the abstract. Abstracts submitted for the **Poster Session** will be considered exclusively for the **Poster Session**.

Proposals for complete sessions as part of the **Sponsored Sessions** and **General Sessions** are also encouraged. Organizers of proposed sessions should submit complete information for each of the papers and indicate that the papers are part of an organized session. Papers submitted as part of a proposed session may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

Each submission requires an abstract of no more than 1,000 words (including references) that describes the paper. The submitter should plan to attend and present if his/her abstract is accepted. Each submitter may submit a maximum of two abstracts (though may be a co-author of papers to be presented by others), only one of which will be accepted. If two abstracts are submitted by the same individual, each abstract must include a ranking to indicate which paper the submitter prefers to present in the event that both are selected. We will follow a strict rule of one presentation per presenter. All participants must register for the conference by April 15, 2016 in order to be included in the final program.

Abstracts will be accepted beginning on December 15, 2015. The deadline for submissions is **January 15, 2016** (midnight Pacific standard time). Electronic acknowledgement of submissions will be sent to all submitters. We expect to notify authors by February 29, 2016 (for **Sponsored Sessions** and **General Sessions**) or by March 15, 2016 (for the **Poster Session**). **All paper and poster presenters must be 2016 AERE members.** Accepted papers must not be published before the time of the conference.

AERE looks forward to welcoming you to the Beaver Run Resort and Conference Center, located at the base of the mountains and a short walk to downtown Breckenridge. In addition to an excellent academic program, there will opportunities for people to meet for dinner in this charming Victorian-era town, check out the Breckenridge Brewery, and explore the area. Additional details about the conference will be posted soon on AERE's website ([www.aere.org](http://www.aere.org)).

### Conference Organizing Committee:

**Co-Chair Harrison Fell, Colorado School of Mines**  
**Co-Chair Daniel Kaffine, University of Colorado Boulder**  
**Peter Berck, University of California, Berkeley**  
**Patricia Champ, US Forest Service, Rocky Mountain Research Center**  
**John Loomis, Colorado State University**

Questions should be directed to the organizing committee at [aere2016colorado@gmail.com](mailto:aere2016colorado@gmail.com)

## AERE NEWSLETTER

The *AERE Newsletter* is soliciting essays from AERE members about natural resource and environmental economics issues of general interest to the membership. These essays can be relatively short (6-10 double spaced pages) and address a topic that does not fit into the traditional journal outlet. There is currently no backlog, so your essay would likely be published in the May AERE Newsletter. Marilyn Voigt and I need your essay by February for the May issue. If you wish to float an idea by me, feel free to contact me.

**John Loomis**  
**AERE Newsletter Co-Editor**  
[jloomis@lamar.colostate.edu](mailto:jloomis@lamar.colostate.edu)  
**Telephone: 970-491-2485**

## AGRICULTURAL & APPLIED ECONOMICS ASSOCIATION (AAEA)

**July 31-August 2, 2016**  
**Marriott Copley Place**  
**Boston, Massachusetts**

### Call for Papers: AERE Sessions

The 2016 Agricultural & Applied Economics Association (AAEA) will be held in Boston, Massachusetts from July 31 – August 2, 2016. The AERE Program Committee, chaired by Katrina Jessoe (University of California, Davis), will organize AERE sessions.

Authors wishing to have a paper considered for the AERE sessions should send a .pdf file by e-mail to:

**Katrina Jessoe**  
**University of California, Davis**  
**Email: [kkjessoe@ucdavis.edu](mailto:kkjessoe@ucdavis.edu)**  
**Subject Line: AERE AAEA--Surname of corresponding author**

The deadline to submit is **January 15, 2016 midnight PST**. Only .pdf files will be accepted as electronic format. No submissions will be accepted via fax or postal mail. Abstracts cannot be jointly considered for inclusion in AERE sessions and in sessions sponsored by other associations at the AAEA meeting.

Files should be sent by the proposed presenter, who will be the contact for correspondence. No more than one submission will be accepted per presenter. The file

must provide the following information according to the following format:

1. Paper presenter's name, institutional affiliation, mailing address, email
2. All co-author(s) name(s), institutional affiliation(s), email address(es)
3. Title of paper and a one sentence description
4. Brief abstract of the paper containing no more than 300 words, along with a word count
5. Up to six key words;
6. JEL codes;
7. References

The total file length should be two to three pages, with a maximum of three pages, including all of the required information. Papers submitted without all of the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters. Proposals for complete sessions are also encouraged. Organizers of proposed sessions should submit complete information for EACH of the papers following the above instructions. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

Please note that all selected presenters must be 2016 AERE members and priority consideration for discussants will be given to current AERE members.

## ALLIED SOCIAL SCIENCE ASSOCIATIONS (ASSA)

**January 6 - 8, 2017**  
**Hyatt Regency Chicago**  
**Chicago, Illinois**

### Call for Papers: AERE Sessions

The 2017 annual winter meeting of the ASSA will be held in Chicago, Illinois on January 6 - 8, 2017. The AERE Program Committee, chaired by Katrina Jessoe (University of California, Davis), will organize AERE sessions. Authors wishing to have a paper considered for the AERE sessions should send a .pdf file by e-mail to:

**Katrina Jessoe**  
**University of California, Davis**  
**Email: [kkjessoe@ucdavis.edu](mailto:kkjessoe@ucdavis.edu)**  
**Subject Line: AERE ASSA--Surname of corresponding author**

## EAERE 22<sup>nd</sup> ANNUAL CONFERENCE

**June 22 – 25, 2016  
Zurich, Switzerland**

Organization: EAERE and Swiss Federal Institute of Technology (ETH) in Zurich

Please take notice of the separate call for policy and thematic sessions. The submission deadline for those special sessions is **December 6, 2015**.

Deadline for paper submissions: **January 31, 2016**  
Email: [eaere@eaere.org](mailto:eaere@eaere.org)

### Keynote Speakers

Matti Liski, Aalto University  
Rohini Pande, Harvard University  
Pietro Peretto, Duke University

### Scientific Programme Committee Co-chairs

Lucas Bretschger, ETH Zurich  
Karen Pittel, Ifo Institute

### Local Organising Committee

Lucas Bretschger, ETH Zurich

### For conference information:

[www.eaere2016.ethz.ch/](http://www.eaere2016.ethz.ch/)

### Co-Chairs of Scientific Program Committee:

Lucas Bretschger and Karen Pittel

## International Water Resource Economics Consortium (IWREC)

**September 11 – 13, 2016  
Washington, DC**

The 12th Annual Meeting of the International Water Resource Economics Consortium (IWREC) will be hosted by the World Bank in Washington, DC on September 11-13, 2016. The overall theme of the meeting will be “Water Security in a Changing World.”

Submissions of papers are now being accepted on the following topics:

- Addressing the food-energy-health environment and water nexus
- Assessing large- and small-scale irrigation investments

The deadline to submit is **April 15, 2016 midnight PDT**. All submissions are to be sent electronically via e-mail. Only .pdf files will be accepted as electronic format. No submissions will be accepted via fax or postal mail. Abstracts cannot be jointly considered for inclusion in AERE sessions and in sessions sponsored by other associations at the ASSA meetings (e.g., general AEA sessions).

Files should be sent by the proposed presenter, who will be the contact for correspondence. No more than one submission will be accepted per presenter. The file must provide the following information according to the following format:

1. Paper presenter's name, institutional affiliation, mailing address, email
2. All co-author(s) name(s), institutional affiliation(s), email address(es)
3. Title of paper and a one sentence description
4. Brief abstract of the paper containing no more than 300 words, along with a word count
5. Up to six key words;
6. JEL codes;
7. References

Papers submitted without all of the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters.

Proposals for complete sessions are also encouraged. Organizers of proposed sessions should submit complete information for EACH of the papers following the above instructions. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

Please note that all selected presenters must be 2016 AERE members and priority consideration for discussants will be given to AERE members.

## 4<sup>th</sup> CANADIAN PHD AND EARLY CAREER WORKSHOP IN ENVIRONMENTAL ECONOMICS

**June 1 – 2, 2016  
University of Ottawa  
Ottawa, Ontario, Canada**

Call for Papers Deadline: **January 19, 2016**

Click [here](#) for the Website and additional information.

- Moving toward integrated urban and basin management
- Dealing with groundwater depletion
- Ensuring environmental flows
- Managing floods and droughts and their economy-wide impacts
- Improving transboundary water management

Within these topics, papers with a focus on economic growth and/or poverty linkages are encouraged. Papers on other topics that fall under the theme of the meeting will also be considered. The papers should be policy-oriented and analytically rigorous. **Deadline to submit: January 31 2016**

The Annual Meeting will begin with a reception in the evening of September 11, 2016, and span over two days with 6-7 sessions and 1-2 panel discussions on September 12-13, 2016.

**SOUTHERN ECONOMIC ASSOCIATION  
(SEA) ANNUAL MEETING**

**Call for Papers: AERE Sessions**

The SEA 2016 Annual Meeting will be held in Washington, DC at the J.W. Marriott Washington, DC, Nov. 19-21, 2016 (Saturday through Monday).

Authors wishing to have a paper considered for the AERE sessions should send a .pdf file by e-mail to:

**Dr. John C. Whitehead**  
**Appalachian State University**  
**Email: [whiteheadjc@appstate.edu](mailto:whiteheadjc@appstate.edu)**  
**Subject Line: AERE SEA**

Deadline to submit is **March 1, 2016**. Files should be sent by the proposed presenter who will be the contact for correspondence. The file should contain the following information:

1. Author's (and co-author's) name, address, affiliation, telephone number, and e-mail address.
2. Title of paper.
3. Abstract of no more than 100 words.
4. JEL codes.

Papers submitted without all the required information will not be considered. Electronic acknowledgements of submissions will be sent to all submitters. Proposals for complete sessions are also encouraged. Organizers of proposed sessions should submit abstracts for EACH of

the papers following the above instructions. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

Please note that all selected presenters must be 2016 AERE members. **Membership of presenters will be verified one month after notification of acceptance.** Papers of non-members will be dropped from the program. (We regret we do not have sufficient staff to send membership reminders to non-members.) Also, priority consideration for discussants will be given to current AERE members.

**TIMBERGEN INSTITUTE CONFERENCE**

*Combating Climate Change: Combating Lessons from  
Macroeconomics, Political Economy, and  
Public Finance*

**April 21 – 22, 2016**  
**Tinbergen Institute**  
**VU, University Amsterdam**

**Call for Papers Deadline: January 1, 2016**

Click [here](#) for details.

**6<sup>TH</sup> WORLD CONGRESS OF  
ENVIRONMENTAL AND RESOURCE  
ECONOMISTS (WCERE)**



**CALL FOR EXPRESSIONS OF INTEREST  
Local Organizing Committee and Congress Venue**

If you are considering a submission but have questions regarding the development of a proposal or concerns about any of the specified criteria (such as evaluation of geographical location and related travel costs, facility requirements, etc.) and wish to receive more information prior to submitting a full proposal, please feel free to contact the chair of the selection committee, Prof. Cees Withagen ([cwithagen@feweb.vu.nl](mailto:cwithagen@feweb.vu.nl)) with your queries.

The Association of Environmental and Resource Economists (AERE, [www.aere.org](http://www.aere.org)), the East Asian Association of Environmental and Resource Economics (EAAERE, [www.eaaere.org](http://www.eaaere.org)), and the European Association of Environmental and Resource Economists (EAERE, [www.eaere.org](http://www.eaere.org)) solicit proposals for the Local Organizing Committee and for the Venue for the **6<sup>th</sup> World Congress of Environmental and Resource Economists (WCERE)**, to be held in the year 2018 tentatively between late June and early July.

Universities, research organizations, or groups of organizations having professional interest in environmental and resource economics, that intend to propose their candidature for the Local Organizing Committee and Venue, are kindly requested to send their expressions of interest to the Chair of the Selection Committee by December 15, 2015.

### Expressions of Interest

Expressions of interest consist of (1) a formal letter stating that the candidate will assume all of the administrative, organizational and financial responsibilities listed in the "Guidelines for Expressions of Interest" available on the AERE, EAAERE and EAERE websites; (2) a presentation of the candidate including the candidate's relevant experience in organizing and hosting conferences; (3) a preliminary conference budget; and (4) a presentation of the conference venue. Expressions of interest may be accompanied by any other documentation that the candidates judge useful for the evaluation process. The Selection Committee may ask candidates to present additional documents at a later date.

Expressions of interest should be sent by e-mail to the Chair of the Selection Committee at the address below by 15 December 2015. Any material that cannot be sent electronically should reach the Chair of the Selection Committee by mail by 15 December 2015.

### Selection Committee

Cees Withagen, *VU University Amsterdam, Netherlands*  
- Chair

Jeffrey Englin, *Arizona State University, USA*

Karen Pittel, *Ifo Center for Energy, Climate and Exhaustible Resources, Germany*

Daigee Shaw, *Institute of Economics, Academia Sinica, Taiwan*

Sjak Smulders, *Tilburg University, Netherlands*

Laura Taylor, *North Carolina State University, USA*

Kazuhiro Ueta, *Kyoto University, Japan*

Members of the Selection Committee were jointly appointed by AERE, EAAERE and EAERE.

### Selection Criteria

Proposals will be evaluated according to the following criteria:

(a) location (including consideration of travel cost and time for participants, amenities, on-site transportation, past congresses venues, etc.);

(b) accommodation (cost, quality, capacity);

(c) session facilities (quality of plenary rooms; quality and number of meeting rooms; AV, internet access and charging stations; exhibition and poster spaces; equipment; food and beverage service, social program, etc.);

(d) communications plan (evaluation of the plan for a WCERE website and email, advertising the congress, registrations, papers download, etc.);

(e) administration (detail of budget, qualifications of Local Organizing Committee, and local supporting agencies); and

(f) funding (grants for students, grants for participants from developing countries, and other sponsorships).

A final decision is expected to be made by September 2016.

**Deadline for submitting expressions of interest: December 15, 2015.**

*Expressions of interest should be sent to:*

Prof. Cees Withagen

email: [cwithagen@feweb.vu.nl](mailto:cwithagen@feweb.vu.nl)

VU University Amsterdam

De Boelelaan 1105, Room 10A60

1071 HV Amsterdam

The Netherlands

Phone: +31205986090 - fax: +31205986005

**WESTERN ECONOMIC ASSOCIATION  
INTERNATIONAL (WEAI)  
ANNUAL CONFERENCE**

**91st Annual Conference**

**June 29-July 3, 2016**

**Hilton Portland and Executive Tower  
Portland, Oregon**

**Call for Papers—AERE Sessions**

**June 30 - July 2, 2016**

AERE will sponsor up to twelve conference sessions Thursday through Saturday, June 30 - July 2, as a special track within the 91st Annual Conference of the Western

Economic Association International (WEAI). These sessions are intended to provide an accessible conference option for AERE's western members and to ensure that interesting research in our field continues to appear on the program of this major general-interest conference in economics. All paper presenters must be 2016 AERE members, but need not join WEAI to attend.

Submissions will open starting December 10, 2015. For full consideration by the selection committee, a submission must be received by **January 10, 2015 midnight PST**. Submissions should be sent by the proposed presenter who will be the contact for correspondence. The selection committee will consider only *one submission per presenter*. A submission will require the following information:

1. Name, professional affiliation, highest academic degree held, mailing address, telephone number and e-mail address for the presenter *and all co-authors*. (Please identify cases where the presenter is a graduate student or may have limited experience in academic conference settings. We heartily encourage new talent but also appreciate that mentorship attention is sometimes helpful to ensure successful presentations.)
2. Title of paper (maximum 60 characters and spaces).
3. An expanded abstract with sufficient detail to allow the selection committee to fully assess the nature of the research (limit one page, single-spaced, 12-point font).
4. The URL for a link to a current version of the paper or draft manuscript, if available.

Papers submitted without all the required information will not be considered. Electronic acknowledgments of submissions will be sent to all submitters. Proposals for complete sessions are also encouraged. Each 1 hour and 45 minute session will typically consist of four short presentations with discussants and a chair. Proposals for panel discussions will also be entertained.

Submitters of proposed sessions will submit abstracts for EACH of the papers following the above instructions, along with a roughly 200-word description of the session's theme that would motivate potential audience members to attend. Papers may be accepted or rejected on an individual basis unless the organizer specifically requests the session be considered only in its entirety.

All selected presenters must be 2016 AERE members but need not also join WEAI to participate in the conference. Discussants and session chairs need not be current AERE members, although priority consideration will be given to those who are. All participants must register for the conference and AERE members will enjoy "WEAI member" rates. See [the WEAI web page \(click here\)](#) for registration information as it becomes available. Note that AERE-coordinated sessions qualify as "organized sessions" rather than "volunteer papers," so there is no contributed-paper submission fee.

In planning their calendars, submitters should be aware that the AERE 5<sup>th</sup> Annual Summer Conference will be held on June 9 - 11, 2016, in Breckenridge, CO. However, the WEAI/AERE event will follow very closely on the heels of the EAERE 21<sup>st</sup> Annual Conference to be held June 22-25 in Zurich, Switzerland, so please plan accordingly. Submission of a paper for the WEAI/AERE sessions represents a commitment to attend the conference, including *a substantial share* of the WEAI/AERE sessions, should the paper be accepted. All AERE participants have an important role in the success of these sessions, beyond just their own presentations.

**Dr. Trudy Ann Cameron**  
**R.F. Mikesell Professor of Environmental and**  
**Resource Economics**  
**University of Oregon**  
**Email: [cameron@uoregon.edu](mailto:cameron@uoregon.edu)**  
**Telephone: 541-346-1242**

# CONFERENCES, MEETINGS, AND WORKSHOPS

## ALLIED SOCIAL SCIENCE ASSOCIATIONS (ASSA)

**January 3 – 5, 2016  
San Francisco, CA**

### *AERE Sessions*

*Editor's Note: Presenters are listed first.*

Jan 03, 2016

### Hedonic Models of Land Value and Amenities: Methods and Applications (Q5, Q4)

**Presiding:** Nicolai Kuminoff (Arizona State University)

#### **Are Home Buyers Myopic? Evidence from Housing Sales**

Erica Meyers (University of Illinois)

#### **What the Frac? Sand Mining and Transport-Induced Externalities**

Alexey Kalinin (University of Wisconsin-Madison)  
Dominic Parker (University of Wisconsin-Madison)  
Corbett Grainger (University of Wisconsin-Madison)  
Daniel Phaneuf (University of Wisconsin-Madison)

#### **Extreme Temperature, Measurement Error and Biases in Estimates of Climate Change Impact on Agriculture**

Ariel Ortiz-Bobea (Cornell University)  
Felipe I. Tagle (Cornell University)  
Shun Chonabayashi (Cornell University)

#### **Valuing Time-Varying Attributes Using the Hedonic Model: When is a Dynamic Approach Necessary?**

Kelly C. Bishop (Arizona State University)  
Alvin Murphy (Arizona State University)

#### **Discussants:**

Jaren C. Pope (Brigham Young University)  
Lucija Muehlenbachs (University of Calgary)  
Wolfram Schlenker (Columbia University)  
Ralph Mastromonaco (University of Oregon)

### Microeconomics of Technology Adoption (Q5)

**Presiding:** Katrina Jessoe (University of California-Berkeley)

#### **An RCT of RCTs: Climate Change Adaptation through Resource Conserving Technologies (RCTs)**

Paul Ferraro (The Johns Hopkins University)  
Francisco Álpizar (Centro Agronómico Tropical de Investigación y Enseñanza)  
María Bernedo (Georgia State University)

#### **Measuring the Accuracy of Engineering Models in Predicting Energy Savings from Home Retrofits: Evidence from Monthly Billing Data**

Joseph Maher (Resources for the Future)

#### **Do Decentralized Community Treatment Plants Provide Clean Water? Evidence from Andhra Pradesh**

Marc Jeuland (Duke University)  
Marcella McClatchey (Booz Allen Hamilton)  
Sumeet Patil (University of California, Berkeley)  
Subhrendu Pattanayak (Duke University)  
Christine Poulos (RTI International)

#### **Economics of a Light Bulb: Experimental Evidence on CFLs and End-User Behavior**

Robyn Meeks (University of Michigan)  
Eliana Carranza (World Bank)

#### **Discussants:**

Katrina Jessoe (University of California, Davis)  
Meredith Fowlie (University of California, Berkeley)  
Yaniv Stopnitzky (University of San Francisco)  
Judson Boomhower (University of California, Berkeley)

### JOINT SESSION: AERE and AEA

#### Economics of Climate Change (Q5)

**Presiding:** Vic Adamowicz (University of Alberta)

#### **Strategic Social Cost of Carbon**

Matthew Kotchen (Yale University)

#### **Pareto Optimal Dynamic Public Good Provision in the Presence of Interest Rate Heterogeneity**

David Anthoff (University of California, Berkeley)



## **Smart Cap**

Christian Traeger (University of California, Berkeley)  
Larry Karp (University of California, Berkeley)

### ***Discussants:***

Gernot Wagner (Environmental Defense Fund)  
Lawrence Goulder (Stanford University)  
Severin Borenstein (University of California, Berkeley)  
Benjamin Groom (London School of Economics)

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Jan 04, 2016

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## **Pollution, Regulation, and Technical Change** **(Q5, Q4)**

**Presiding:** Shanjun Li (Cornell University)

### **Leakage from Environmental Regulation: Evidence from Smog Check and Used Vehicle Trade**

Arthur van Benthem (University of Pennsylvania)  
Joseph S. Shapiro (Yale University)

### **Vehicle Emissions Standards, Vehicle Age, and Local Air Quality: How California's New Smog Check Program Will Impact Local Pollution**

Ryan Sandler (Federal Trade Commission)  
Nicholas J. Sanders (Cornell University)

### **Path Dependence in U.S. Coal-Fired Electricity**

Kyle C. Meng (University of California-Santa Barbara)

### **What's in the Secret Sauce? An Evaluation of the Toxicity of Hydraulic Fracturing Injectants**

Charles F. Mason (University of Wyoming)  
Timothy Fitzgerald (Montana State University)

### ***Discussants:***

Antonio Bento (Cornell University)  
Mark Jacobsen (University of California, San Diego)  
W. Walker Hanlon (University of California, Los Angeles)  
Alan J. Krupnick (Resources for the Future)

## **Management of Natural Resources:** **Theory and Applications (Q2, Q3)**

**Presiding:** Harrison Fell (Colorado School of Mines)

### **Do Catch Shares Increase Ex-Vessel Prices in U.S. Fisheries?**

Martin Smith (Duke University)

Anna Birkenbach (Duke University)  
David Kaczan (Duke University)

## **Mining and Quasi-Option Value**

Charles Kolstad (Stanford University)  
Christopher Costello (University of California, Santa Barbara)

## **Infrastructure Development Can Benefit the Environment: Electrification, Agricultural Productivity and Deforestation in Brazil**

Dimitri Sberman (Pontifical Catholic University of Rio de Janeiro)

Juliano Assunção (Pontifical Catholic University of Rio de Janeiro)

Molly Lipscomb (University of Virginia)  
Ahmed Mushfiq Mobarak (Yale University)

## **Elephants and Mammoths: Can Ice Ivory Save Blood Ivory?**

Naima Farah (University of Calgary)  
John Boyce (University of Calgary)

### ***Discussants:***

Harrison Fell (Colorado School of Mines)  
Michael Hanemann (Arizona State University)  
Eduardo Souza-Rodrigues (University of Toronto)  
Christopher Costello (University of California-Santa Barbara)

## **Weather, Air Quality, Health and Crime (Q5)**

**Presiding:** Maximilian Auffhammer (University of California, Berkeley)

### **Air Quality, Mortality, and Perinatal Health: Causal Evidence from Wildfires**

Christopher Khawand (Michigan State University)

### **Weather, Traffic Accidents and Climate Change**

Benjamin Leard (Resources for the Future)  
Kevin Roth (University of California, Irvine)

### **Climate of Discontent: Weather, Typhoons, and Crime in the Philippines, 1990-2008**

Jesse Anttila-Hughes (University of San Francisco)  
Emily Wetherley (State of Utah Juvenile Courts)

### **Weather Shocks, Crime and Agriculture: Evidence from India**

Ram Fishman (George Washington University)  
David Blakeslee (New York University Abu Dhabi)

*Discussants:*

Reed Walker (University of California, Berkeley)  
Maximilian Auffhammer (UC, Berkeley)  
Solomon M. Hsiang (UC, Berkeley)  
Namrata Kala (Yale University)

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Jan 05, 2016

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**The Economics of Water Pollution (Q5)**

**Presiding:** Joseph S. Shapiro (Yale University)

**Consequences of the U.S. Clean Water Act and the Demand for Water Quality**

Joseph S. Shapiro (Yale University)  
David Keiser (Iowa State University)

**Does Water Quality Matter? Evidence from Micro Panel Data**

Joseph Herriges (Michigan State University)  
Daniel Phaneuf (University of Wisconsin)  
Catherine Kling (Iowa State University)

**Has Surface Water Quality Improved Since the Clean Water Act?**

Kerry Smith (Arizona State University)  
Carlos Valcarcel (Arizona State University)

**The Effectiveness of Overlapping Pollution Regulation: Evidence from the Ban on Phosphate from Dishwasher Detergent**

David Keiser (Iowa State University)  
Alex Cohen (Yale University)

*Discussants:*

Sheila Olmstead (University of Texas at Austin)  
Michael Hanemann (Arizona State University)  
Maureen Cropper (University of Maryland)  
Maximilian Auffhammer (UC, Berkeley)

**Drought, Heat, and Economic Activity (Q5)**

**Presiding:** Nicholas J. Sanders (Cornell University)

**Drought, Dams, and Economic Activity**

Sheila Olmstead (University of Texas at Austin)  
Hilary Sigman (Rutgers University)

**The Effect of Water Supply Shocks on the Electricity Generation Mix: Implications for Climate Change**

Jonathan Eyer (University of Southern California)  
Casey Wichman (Resources for the Future)

**The Long-Term Economic Effect of High Temperatures: Evidence from Earnings Data in Ecuador**

Paul Carrillo (George Washington University)  
Ram Fishman (George Washington University)  
Jason Russ (George Washington University)

**Heat Waves, Cold Waves, Droughts, Tornadoes, Storms: How do They Affect United States Agricultural Land Values?**

Emanuele Massetti (Georgia Institute of Technology)  
Robert Mendelsohn (Yale University)

*Discussants:*

Ahmed Mushfiq Mobarak (Yale University)  
Edson Severnini (Carnegie Mellon University)  
Nicholas J. Sanders (Cornell University)

**Environmental Regulation in Second-Best Settings (Q5)**

**Presiding:** Meredith Fowlie (University of California-Berkeley)

**Limit Pricing and the (In)Effectiveness of the Carbon Tax**

Julien Daubanes (ETH Zurich)  
Saraly Andrade de Sa (ETH Zurich)

**Knowledge Spillovers from Clean and Dirty Technologies**

Antoine Dechezleprêtre (London School of Economics)  
Ralf Martin (Imperial College)  
Myra Mohnen (University College London)

**Is One Bird in the Hand Worth Two in the Bush? Second-Best Analysis of European Energy Policy Instruments**

Michael Hubler (Leibniz University at Hannover)  
Oliver Schenker (ZEW Centre for European Economic Research)  
Carolyn Fischer (Resources for the Future)

**Beneficial Leakage: The Effect of Regional Greenhouse Gas Initiative on Aggregate Emissions**

Peter Maniloff (Colorado School of Mines)  
Harrison Fell (Colorado School of Mines)

*Discussants:*

Ryan Kellogg (University of Michigan)  
Sabrina Howell (Harvard University)  
Derek Lemoine (University of Arizona)  
Erin Mansur (Dartmouth College)

**3<sup>RD</sup> ECONOMICS OF LOW-CARBON  
MARKETS WORKSHOP**

**December 14 – 15, 2015  
University of São Paulo  
Ribeirão Preto, Brazil**

Website: <http://www3.fearp.usp.br/lcm/>

**MIDWEST ECONOMICS ASSOCIATION  
(MEA) ANNUAL MEETING**

**April 1 – 3, 2016  
Hilton Orrington  
Evanston, Illinois**

*Dr. Lea-Rachel Kosnik is organizing a dinner on Saturday evening, April 2<sup>nd</sup>, for AERE members at the MEA meeting. Anyone interested can reach her at: [kosnikl@umsl.edu](mailto:kosnikl@umsl.edu).*

*Note: Names in bold font are the presenting authors.*

***AERE Sessions***

**Electricity & Greenhouse Gas Emissions**

Session Chair: Lynne Kiesling, Northwestern University, [lkiesling@northwestern.edu](mailto:lkiesling@northwestern.edu)

“Feed-in Tariffs versus Renewable Portfolio Standards: An Estimation of Policy Risk in the Electricity Sector.”

**Erik Johnson, Georgia Institute of Technology**  
[erik.johnson@econ.gatech.edu](mailto:erik.johnson@econ.gatech.edu)

Matt Oliver, Georgia Institute of Technology  
Discussant: Mar Reguant, Northwestern University, [mar.reguant@northwestern.edu](mailto:mar.reguant@northwestern.edu)

“Fuel Cost Volatility and the Impact on Electricity Prices.”

**Adrienne Ohler, Illinois State University**  
[aoehler@ilstu.edu](mailto:aoehler@ilstu.edu)

Isaac Duah, Washington State University  
Discussant: Lynne Kiesling, Northwestern University, [lkiesling@northwestern.edu](mailto:lkiesling@northwestern.edu)

“Evidence of Leakage in the Regional Greenhouse Gas Initiative.”

**Kangil Lee, Oklahoma State University**  
[kangil.lee@okstate.edu](mailto:kangil.lee@okstate.edu)

Richard T. Melstrom, Oklahoma State University

Discussant: Yuan Liao, University of Illinois at Urbana-Champaign, [liao26@illinois.edu](mailto:liao26@illinois.edu)

“Local and Global Pollutants: A Broader Consideration of the Effects of Environmental Policies.”

**Claire Brunel, American University**  
[brunel@american.edu](mailto:brunel@american.edu)

Erik Johnson, Georgia Institute of Technology  
Discussant: Mohammad Kemal, Colorado School of Mines, [mkemal@mines.edu](mailto:mkemal@mines.edu)

**Land & Water**

Session Chair: Lea-Rachel Kosnik, University of Missouri-St. Louis, [kosnikl@umsl.edu](mailto:kosnikl@umsl.edu)

“Good for the Air, Bad for the Water: The Effect of Ethanol Production on Surface-Water Quality.”

**Barrett Kirwan, University of Illinois, Urbana-Champaign**  
[bkirwan@illinois.edu](mailto:bkirwan@illinois.edu)

Discussant: Tracy A. Boyer, Oklahoma State University, [tracy.boyer@okstate.edu](mailto:tracy.boyer@okstate.edu)

“Which Factors Affect the Willingness of Households to Adopt Stormwater Management Practices?”

**Dong Shin, University of Missouri-Columbia**  
[dshin@mail.missouri.edu](mailto:dshin@mail.missouri.edu)

Laura McCann, University of Missouri-Columbia  
Discussant: Andrew Meyer, Marquette University, [andrew.g.meyer@marquette.edu](mailto:andrew.g.meyer@marquette.edu)

“Benefits of Using Yield Monitors to Assess Crop Moisture.”

**Lyubov A. Kurkalova, North Carolina A&T State University**  
[lakurkal@ncat.edu](mailto:lakurkal@ncat.edu)

Lemuria Carter, Virginia Commonwealth University

Discussant: Zach Raff, University of Kansas, [raff.zach@ku.edu](mailto:raff.zach@ku.edu)

“The Employment Impacts of Listing the Lesser Prairie Chicken as an Endangered Species in Areas of Critical Habitat.”

**Richard T. Melstrom, Oklahoma State University**  
[melstrom@okstate.edu](mailto:melstrom@okstate.edu)

Kangil Lee, Oklahoma State University  
Discussant: Sahan T.M. Dissanayake, Colby College, [Sdissan2@gmail.com](mailto:Sdissan2@gmail.com)

## Government Intervention

Session Chair: Mark Witte, Northwestern University,  
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“Political Pressure and Power Plant Pollution Abatement.”

**Ian Lange, Colorado School of Mines**

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Matthew Doyle, Colorado School of Mines

Discussant: Mark Witte, Northwestern University,  
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“Environmental Labor and End-of-Pipe Treatment Capital: An Analysis of Firm Response to Government Interventions.”

**Zach Raff, University of Kansas**

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Dietrich Earnhart, University of Kansas

Discussant: Richard T. Melstrom, Oklahoma State University, [maelstrom@okstate.edu](mailto:maelstrom@okstate.edu)

“Assessing Participation in ISO 14001 in China: Implications for Environmental Performance.”

**Yuan Liao, University of Illinois at Urbana-Champaign**

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Discussant: Erik Johnson, Georgia Institute of Technology, [erik.johnson@econ.gatech.edu](mailto:erik.johnson@econ.gatech.edu)

“Ownership Rights vs. Access Rights Allocation to Critical Resources: An Empirical Study of the Economic Impact of Changes in Oil Governance.”

**Mohammad Kemal, Colorado School of Mines**

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Discussant: Claire Brunel, American University,  
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## Consumer Behavior & Choice

Session Chair: Mar Reguant, Northwestern University, [mar.reguant@northwestern.edu](mailto:mar.reguant@northwestern.edu)

“Does Eco-Labeling of Services Matter? Evidence from Higher Education.”

**Andrew Meyer, Marquette University**

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Daniel Hickman, University of Idaho

Discussant: Adrienne Ohler, Illinois State University,  
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“Commercial Irrigation Conservation: Willingness to Accept Rebates Under Increased Information and Block Rate Pricing.”

**Tracy A. Boyer, Oklahoma State University**

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Harshanee Deshamithra, Oklahoma State University

Discussant: Lyubov A. Kurkalova, North Carolina A&T State University, [lakurkal@ncat.edu](mailto:lakurkal@ncat.edu)

“Which Leading Journal Leads? Idea Diffusion Through Economics Research Journals.”

**Allen Bellas, Metropolitan State University**

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Lea-Rachel Kosnik, University of Missouri-St. Louis

Discussant: Barrett Kirwan, University of Illinois, Urbana-Champaign, [bkirwan@illinois.edu](mailto:bkirwan@illinois.edu)

“Valuing Ecosystem Service Benefits from Shade Credit Programs: A Choice Experiment Survey in the Tualatin Watershed.”

**Sahan T.M. Dissanayake, Colby College**

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Gilbert Kiggundu, Colby College

David Ervin, Portland State University

Rondi Schei, Portland State University

Robert Emanuel, Clean Water Services

Discussant: Ian Lange, Colorado School of Mines,  
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John Boyce, University of Calgary

“Valuing Marine Mammals in Patagonia”

Stephanie Stefanski, Duke University  
Robert Mendelsohn, Yale University

“Invasive Species and Testing the Importance of Natural Science Information”

Shana McDermott, University of New Mexico  
David Finnoff, University of Wyoming  
Jason Shogren, University of Wyoming

**Public Goods**

Chair: Daniel Petrolia, Mississippi State University

**Papers:**

“Estimating the Value of Improvements to California’s Coastal Waters: Results from a Stated Preference Survey”

Matt Massey, U.S. Environmental Protection Agency (EPA)  
Nicole Owens, U.S. EPA  
Nathalie Simon, U.S. EPA

“Optimal Taxation with Impure Public Goods”

Matthew John McMahon, The University of Arkansas, Little Rock

“Risk on the Half Shell”

Daniel Petrolia, Mississippi State University

“An Experimental Test of Additionality in Payment for Ecosystem Service Programs”

Greg Howard, East Carolina University

**Choice Experiments**

Chair: Brian Vander Naald, University of Alaska Southeast

**Papers:**

“Heterogeneous Attitudes towards PES Programs”  
Jeff Felardo, Eckerd College

“Incorporating Attitudes for Environmental Valuation Using Hybrid Choice Models”

David Hoyos, University of the Basque Country  
Stephane Hess, University of Leeds  
Peter Mariel, University of the Basque Country

“Willingness to Pay and Determinants of Household Choice for Sea Level Rise Adaptation Plan”

Sisi Meng, Florida International University  
Pallab Mozumder, Florida International University

“Recreational Value of Glaciers: Evidence from Alaska”

Brian Vander Naald, University of Alaska Southeast

**Climate Change**

Chair: Garth Heutel, Georgia State University

**Papers:**

“Old Wine in a New Bottle: Climate Change, Irrigation, and Institutions”

Daniel Bigelow, Oregon State University  
Hongliang Zhang, Oregon State University

“Solar Geoengineering, Uncertainty, and the Social Cost of Carbon”

Garth Heutel, Georgia State University  
Soheil Shayegh, Carnegie Institution for Science  
Juan Moreno-Cruz, Georgia Institute of Technology

“Is Carbon Trade Program Effective in the U.S.? Firm-Level Evidence From the Regional Greenhouse Gas Initiative (RGGI)”

Ling Huang, University of Connecticut  
Yizao Liu, University of Connecticut  
Yishu Zhou, University of Connecticut

“How Does Climate Affect Fiscal Outcomes? Public Spending and Revenues in the Aftermath of Weather Shocks”

Qing Miao, Syracuse University

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### **Papers:**

“Tourists Information”

James F. Casey, Washington & Lee University

“Reservoir Recreation in the South: Willingness to Pay and Impacts of Water Release Policy”

Christopher F. Dumas, University of North Carolina - Wilmington

Peter W. Schuhmann, University of North Carolina - Wilmington

“Combining CV and Travel Cost Data to Estimate Use and Non-Use Values of North Carolina Beaches”

Craig E. Landry, University of Georgia

John C. Whitehead, Appalachian State University

“The Importance of Sargassum for Sustainable Fisheries Management in the Gulf of Mexico”

Nikolaos Mykoniatis, Texas A&M University at Galveston

Meri Davlasherdze, Texas A&M University at Galveston

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Chair: Jayjit Roy, Appalachian State University

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“Migration and Climate Change in Rural Africa”

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Cristina Cattaneo, Fondazione Eni Enrico Mattei

“On the Environmental Consequences of Intra-Industry Trade”

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“Corruption in Enforcement Agencies: The Case of Common Pool Resources”

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“The Value of Seawall in the Wake of Hurricane Ike: A Spatial Difference-in-Difference Approach”

Meri Davlasherdze, Texas A&M University at Galveston

Qin Fan, California State University, Fresno

“Assessing the Impact of the Public Trust Doctrine on the Valuation of Coastal Amenities Within Residential Property Markets”

Paul R. Hindsley, Eckerd College

Ash Morgan, Appalachian State University

“Validating Spatial Hedonic Modeling with a Behavioral Approach: Measuring the Impact of Water Quality Degradation on Coastal Housing Markets”

Mahesh Ramachandran, Cape Cod Commission

“Environmental Valuation Across Time: The Implicit Price of Water Quality through the Recent Recession”

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Charles Griffiths, U.S. EPA

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Mark Curtis, Wake Forest University

“Environmental Labor and End-of-Pipe Treatment Capital: An Analysis of Firm Response to Government Interventions”

Zach Raff, University of Kansas

Dietrich Earnhart, University of Kansas

“Impact of the Energy Policy Act’s 3-Year Inspection Frequency Requirement on Compliance at Louisiana Petroleum Underground Storage Tanks”

Karen Sullivan, U.S. EPA

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Will Wheeler, U.S. EPA

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“The Impact of the Fracking Boom on Rents in Pennsylvania”  
Elisheba Spiller, Environmental Defense Fund  
Lucija Muehlenbachs, University of Calgary  
Christopher Timmins, Duke University  
Andrew Steck, Duke University

“The Heterogeneous Effects of Gasoline Taxes: Why Where We Live Matters”  
Elisheba Spiller, Environmental Defense Fund  
Yong Chen, Oregon State University  
Heather Stephens, California State University, Long Beach

“Income Inequality, Environmental Justice and the Great Gatsby Puzzle: Evidence From Satellite NO<sub>2</sub> Concentration Data”  
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Benjamin Jones, University of New Mexico

“The Impact of Haze on People’s Averting Behavior: Evidence from Online Anti-PM<sub>2.5</sub> Facemasks Sales in China”  
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Thais Muniz Ottoni Santiago, Salisbury University

“The Role of Carbon Dioxide Removal Techniques to Counteract Anthropogenic Climate Change: BECCS vs. Afforestation”  
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“Assessing the Economic Tradeoffs Between Prevention and Suppression of Forest Fires”  
Charles Sims, University of Tennessee  
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Laura Bakkensen, University of Arizona

“On Environmental Catastrophes with a Judgement-Proof Firm

Remi Chasse, University of Wyoming

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Marc Gronwald, University of Aberdeen

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Haiyan Liu, University of Georgia

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Papers:

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David A. Newburn, University of Maryland, College Park

Allen Klaiber, The Ohio State University

Elena Irwin, The Ohio State University

Matthew Gnagey, Weber State University

“Restored vs. Natural Wetlands: Property Value Impacts in Northern New York”

Martin D. Heintzelman, Clarkson University

Rick Welsh, Syracuse University

David Chandler, Syracuse University

Michael Twiss, Clarkson University

Tom Langen, Clarkson University

Brendan Carberry, Clarkson University

“Disclosure Method in Environmental Information Provision”

Lala Ma, University of Kentucky

Gabrielle Inder, Duke University

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Papers:

“Flaring of Associated Natural Gas in the Bakken Shale”

Timothy Fitzgerald, Montana State University

Case Stiglbauer, Montana State University

“Optimal Joint Extraction of Exhaustible and Renewable Resources Coupled by a Production Externality”

Richard T Melstrom, Oklahoma State University

Carson Reeling, Michigan State University



## ESSAYS

### Interpreting the Evidence on “True IQ” in the NLSY79: Rejoinder to Grosse

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The link from cognitive ability to earnings has been debated in environmental economics over several decades because it is relevant for gauging the economic implications of children’s exposures to pollutants that affect cognition. Much recent attention (Salkever, 1995; Grosse et al., 2002; Gayer and Hahn, 2006; Grosse, 2007; Robinson, 2007 and 2013; and Salkever, 2014 a and b) has focused on empirical evidence of this link based on data in the 1979 National Longitudinal Survey of Youth (NLSY79) which contains one indicator of respondents’ cognitive abilities, their Armed Forces Qualification Test (AFQT) score, as well as their earnings in follow-up years (after 1979). While this literature specifically debated the implications from various empirical studies of the NLSY79 data that linked AFQT scores to future earnings, Grosse (2014) has now advanced the argument that all the studies that used the AFQT do not in fact inform us about the link between cognitive decrements due to toxic exposures and future earnings. In response to my recent critique, Grosse also argues that one study (of Wisconsin data and not based on NLYS79 data) (Zax and Rees, 2002) provides “the only rigorous, robust, and credible estimates of the effect of adolescent IQ on earnings...in the United States.” In this note, I briefly assess the conceptual and empirical support Grosse offers for these contentions.<sup>1</sup>

Relying on Borghans et al. (2011), Grosse asserts that there is a sharp distinction between “true” or “actual” IQ tests, and “achievement tests” such as the AFQT he views the latter as being “a measure of learned

knowledge, not a test of general intelligence or IQ.” He also cites the Borghans et al. empirical results and generalizations from NLSY79 data that the AFQT (1) is weakly correlated with “true” IQ scores, (2) correlates more strongly than “true” IQ with “subsequent attainments” among adults, and (3) thus over-estimates IQ effects on earnings.

Eminent educational testing experts have, however, argued that conceptual distinctions between tests of intelligence, aptitude, and achievement are unclear. Lennon, author of a test viewed by Grosse (and Borghans et al.) as a “true” IQ test, observes that his own (Otis-Lennon) test and several similar “true” IQ tests are best interpreted as testing “scholastic aptitude” rather than “intelligence” per se. (Lennon, 1980). Lennon notes that all such tests include question domains (e.g., vocabulary, arithmetic reasoning) presumed to be “effective in predicting achievement in scholastic areas.” He views these tests as similar to “achievement tests” since they sample “learned behaviors, developed abilities” and “in this sense *are* achievement measures.” (Emphasis in the original.) Similarly, Borghans et al. recognize (footnote 13) that many experts “do not think any distinction” between aptitude tests and achievement tests “is meaningful.” In a nuanced argument similar to Lennon’s, Anastasi (1984) observes that

“tests of developed abilities do not fall into sharply differentiated categories (but) along a continuum. Both aptitude and achievement tests vary...among themselves; ...those near the center of the continuum overlap to such a degree as to be nearly indistinguishable...(T)ests of developed ability differ in the degree of precision versus vagueness with which the relevant domain of antecedent experience is defined.”

<sup>1</sup> Other issues raised by Grosse, including his surprising view that use of the “IQ” normalized functional form with AFQT data is per se “dangerous”, and his assessments of recent empirical studies, are addressed in a supplement at <http://umbc.academia.edu/DavidSalkever>.

Thus, Grosse's "true IQ tests" and the AFQT are all tests of learned knowledge (i.e., developed abilities). If the AFQT is an "achievement" test, it must be oriented toward mastery of a precisely (rather than vaguely) defined curriculum. Grosse offers no definition of that curriculum.<sup>2</sup>

Empirical evidence in Borghans et al. (2011) cited by Grosse compares AFQT percentile measures from the NLSY79 with a composite "IQ" percentile variable they constructed for each respondent as equal to whichever of 7 different test scores were reported in school transcript data.<sup>3</sup> For both "IQ" and AFQT tests, a linear relationship in percentiles was assumed between these scores and adults' "subsequent achievements." I tested Grosse's empirical assertions on NLSY79 data for respondents age <18 in the first interview (1979-80) with reported AFQT data. Three variables were used: the composite "IQ" percentile score based on reported percentile data for the same 7 tests used by Borghans et al., the AFQT score, and the log of each respondent's 1992 annual wage and salary earnings. For the 678 respondents reporting a percentile score for at least one of the 7 "true IQ" tests (per Borghans et al.), the correlation coefficient between the IQ percentile and AFQT percentile was +0.773. Relating each of the two test variables to the log of 1992 earnings via gender-specific bivariate regressions (excluding persons with zero or missing earnings), the resulting coefficients for the AFQT data were +0.0123 for men and +0.0077 for women; these results imply per "IQ" point wage impacts

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<sup>2</sup>Anastasi (1984) further notes that: "...the experiential pool upon which the test constructor draws...is defined with considerable clarity...in constructing...an achievement test in solid geometry, or medieval history... At the other extreme...(for) a test like the Stanford-Binet...the definition specifies little beyond growing up in America in the twentieth century. (For) broadly oriented educational achievement batteries...the domain of antecedent experience could be defined as growing up and going to school in America in the twentieth century." Tests "like the Stanford-Binet", however, account for a very small portion of the "true IQ" test data in the NLSY79 used by Borghans et al. in the NLSY79. Most of the data are from group tests described by Lennon (1980) as "scholastic aptitude" tests. (See the next footnote.) My online supplement reviews a more recent and detailed restatement of Anastasi's perspective on aptitude and achievement tests in her authoritative text (Anastasi and Urbina, 1997), Chap. -

<sup>3</sup> The 7 different tests were classified by Borghans et al. as "IQ" tests. The test names (and numbers of NLSY respondents reporting each test), were as follows: Otis-Lennon Mental Ability Test (1191), California Test of Mental Maturity (599), Lorge-Thorndike Intelligence Test (691), Henmon-Nelson Test of Mental Maturity (201), Kuhlmann-Anderson Intelligence Test (176), Wechsler Intelligence Scale for Children (120), and the Stanford-Binet Intelligence Scale (101). All but the last two of these tests are group-administered tests that primarily use written, verbal communication to present test questions.

at the 50<sup>th</sup> percentile in the range of 2.05% (women) to 3.61% (men).<sup>4</sup> For the "true IQ" percentile variable, the analogous estimates were +0.0116 for men and +0.0050 for women, with implied per "IQ" point median impacts of 3.08% for men and 1.33% for women. Since (1) the "true" IQ tests were taken in various years prior to 1980 (date of the AFQT test) and (2) all "true" IQ tests are tests of "developed abilities", I examined how the passage of time affected my results. Restricting comparisons to "true" IQ tests taken post-1974 (slightly over 59% of all cases), correlation of the two tests rises to +0.839, and log earnings regression coefficients for "true" IQ percentile rose from +0.0116 to +0.0121 for men and from +0.0050 to +0.0088 for women. Analogous results with the AFQT percentile coefficients were an increase from +0.0123 to +0.0136 for men and from +0.0077 to +0.0087 for women.<sup>5</sup>

In sum, Grosse's sharp conceptual distinction between "true" IQ tests of "general intelligence" vs. tests of "learned knowledge" is not generally accepted by educational testing experts.<sup>6</sup> Moreover, the large majority of "true" IQ test data used by Borghans and cited by Grosse come from "scholastic aptitude tests" that belong to the general category of "developed ability" tests reflecting learned knowledge (Lennon, 1980). Our empirical comparisons suggest "true" IQ percentile scores in NLSY79 data are in fact highly correlated with percentile AFQT scores, and that "overstatement" of IQ effects on earnings using the AFQT data (1) is very small for men (10% or less in relative terms) and (2) is larger for women but completely disappears when we compare their results with AFQT and "true" IQ scores from tests administered at similar ages and times. Furthermore, in all cases the magnitudes of the per-IQ point "true" IQ effects on earnings of workers (evaluated at the median percentile) are well above Grosse's favored figure for earnings impact per IQ point (Grosse et al., 2002; Grosse, 2007).

Grosse endorses the Zax and Rees (2002) study, of male Wisconsin residents who graduated from high school in 1958, which uses "actual IQ scores". He implies their results, which are closer to his preferred

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<sup>4</sup> Note that a linear-in-percentile functional form implies a marginal effect of a 1-point change in an  $N(100,15)$  "IQ" variable at the 50<sup>th</sup> percentile equals 2.656 times the percentile variable's coefficient.

<sup>5</sup> Details of my empirical analysis are provided in my online supplement.

<sup>6</sup> Grosse's apparent acceptance of such a distinction also raises other concerns, including its possible logical connection to the controversial view (Herrnstein and Murray, 1994) that "true" IQ is largely inherited. As noted in my online supplement, recent research suggests that all IQ tests may be subject to the influence of prior learning experiences.

“base-case” earnings impact figure per IQ point (Grosse et al., 2002; Grosse, 2014), are more accurate than findings from the numerous studies using the AFQT noted by Grosse (2007, 2014) and noted in my review (2014a, 2014b). The “actual IQ” test in Zax and Rees was the Henmon-Nelson test, administered to all study participants in 1957 when they were in eleventh grade. This test was in fact classified by Lennon as a “scholastic aptitude test” and was reported in only a small minority (about 15%) of the NLSY79 cases studied here and by Borghans et al. Given this, and Jencks’ observation that the Henmon-Nelson test is less strongly related than “most other reliable cognitive tests” to “respondents’ later attainments” (as cited and quoted in Zax and Rees, note 16), the unusually low earnings impact estimates from Zax and Rees (+0.75% per IQ point) could be due to this specific test. Perhaps a more plausible explanation for their outlier result (relative to NLSY79 studies with the AFQT) derives from the non-representative nature of their study sample (in demographic and socio-economic characteristics), and the 20-year calendar date differential between their test score and earnings data and the analogous data in studies with the NLSY79.

Grosse concludes his rejoinder with a call for better empirical evidence “to reliably estimate the economic impact of cognitive deficits in children,” a call that is certainly in order. But we also need a clearer understanding of the available test data on “developed abilities”, and of the limited empirical evidence in the literature we already have.

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## JOB POSTINGS

### ACADEMIC

University of California, Santa Cruz, Department of Economics, tenure-track Assistant Professor [posted October 30, 2015]

University of Central Florida, Department of Economics - Sustainable Coastal Systems Cluster, Assistant / Associate / Full Professors [posted October 29, 2015]

Colorado State University, Department of Agricultural and Resource Economics, Assistant Professor [posted [October 22, 2015](#)]

University of Washington, School of Marine & Environmental Affairs, tenure-track Assistant Professor, environmental economist working on coastal or marine systems [posted [October 14, 2015](#)]

University of Miami, Rosenstiel School of Marine and Atmospheric Science, Department of Marine Ecosystems and Society, Department Chair [posted [October 9, 2015](#)]

University of California, Berkeley, Natural Resource Economics and Political Economy, Postdoctoral Fellowships [posted [October 7, 2015](#)]

University of California, Davis, Department of Agricultural and Resource Economics, Assistant Professor of Econometrics [posted [October 6, 2015](#)]

University of California, Berkeley, Department of Agricultural and Resource Economics, Tenure-track assistant professor position in the area of Economics of Natural Resources and Agriculture in the context of developed or developing economies [posted [October 1, 2015](#)]

University of Maryland at College Park, Department of Agricultural and Resource Economics, College of Agriculture and Natural Resources. Multiple faculty positions in areas of agricultural economics; environmental, resource or energy economics; international trade or economic development; and applied econometrics, applied microeconomics or

experimental/ behavioral economics in above field [posted [September 18, 2015](#)]

Colgate University, Economics Department, Assistant Professor/Associate/Full Professor level; Scholarly and teaching interests in Environmental, Resource, and/or Ecological Economics [posted [September 15, 2015](#)]

University of Massachusetts Amherst, College of Social and Behavioral Sciences, Department of Resource Economics, Assistant Professor, Environmental and Natural Resource Economics [posted [September 10, 2015](#)]

Purdue University, Department of Agricultural Economics, Tenure track Assistant Professor of Agricultural Trade and Global Sustainability [posted [August 28, 2015](#)]

### NON-ACADEMIC

Gulf of Maine Research Institute, Postdoctoral position and Research Technician position in Applied Economics field working on fishing activities sector [posted [October 8, 2015](#)]

Resources for the Future (RFF), Fellows in Postdoctoral Program in Natural Resources and the Environment [posted [September 26, 2015](#)]

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