

FROM THE PRESIDENT...

It has been another busy year at AERE! We have a number of activities on the go and I hope you will have the opportunity to take part in one of the conferences, workshops or events outlined in the newsletter. I know we are all busy with our professional activities and I hope AERE helps you in advancing your work and offers the opportunity to engage with colleagues professionally and socially.

AERE Summer Conference in San Diego

The fourth AERE summer conference will be held in beautiful San Diego at the spectacular and historic U.S. Grant Hotel. Close to 350 people are registered! Conference organizers Mary Evans (Claremont McKenna College) and Andrew Plantinga (University of California, Santa Barbara), with support from Susan Capalbo (Oregon State University) and Junjie Zhang (University of California, San Diego), have compiled an excellent program and the welcome reception will no doubt be a very enjoyable social event. Given my experience with the Banff Conference, I know that it takes a great deal of effort to put together an AERE summer conference including the organizational aspects, managing the paper review process, and all the other details. Sincere thanks to the team for organizing such an outstanding event.

The conference will feature sponsored sessions on the following themes: (1) the use of big data and field experiments and (2) evidence-based eco-system management. These are both important and emerging topics in our profession and I know we will all benefit from the discussion and debate on these areas.

Events begin on June 3rd with the pre-conference workshop on “Field Experiments: Design, Methods and Applications.” It will be run by Meredith Fowlie (University of California, Berkeley) and Mushfiq Mobarak (Yale University). This is an exciting topic and the workshop was in high demand; I’m pleased to report that registration for the workshop has already filled to capacity. The conference welcome reception will be held in the evening of June 3rd. I look forward to seeing many of you there and hope you enjoy the opportunity to meet with old friends and make new ones.

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As in most AERE summer conferences, only about half of the papers submitted to the conference could be accepted for presentation because of limitations on space. The organizers received 558 submissions and were able to accept 237 papers for oral presentations and 16 for the poster session. This year there are no separate graduate student sessions but there are a number of graduate students presenting in the various sessions. Please do your part in ensuring that the conference provides a supportive environment for them.

Scott Taylor (University of Calgary) will give the keynote address entitled, “The Beginning of the End of the Fossil Fuel Era?” on June 4th. Scott is an outstanding scholar who has worked on a wide range of topics including trade and the environment, natural resource use, and globalization impacts on renewable resources. He is a very engaging speaker and I am very much looking forward to his address.

One of AERE’s most important events at the summer meeting is the awards program, which will follow lunch on June 4th. At that time, the AERE Fellows for 2014 will be announced, as well as the winners for outstanding publication in *JAERE* (the Ralph C. d’Arge and Allen V. Kneese Award for Outstanding Publication in the *Journal of the Association of Environmental and Resource Economists*), and the Publication of Enduring Quality (PEQ) award. The recipients of these awards have been notified but have been asked to keep it a secret!

I would like to thank the AERE Officers and Board members for their help in the selection of the AERE Fellows and the members of the committees for selection of the PEQ and best *JAERE* paper. Klaas van ’t Veld (University of Wyoming), Hilary Sigman (Rutgers University) and Brian Copeland (University of British Columbia) served on the PEQ committee and Dan Phaneuf, *JAERE* editor (University of Wisconsin, Madison), Junjie Wu (Oregon State University), and Max Auffhammer (University of California, Berkeley) selected the winner of the d’Arge and Kneese award. Please consider nominating individuals as AERE Fellows and/or serving on one of these committees. Recognizing excellence in environmental and resource economics is one of AERE’s key roles.

There will also be a poster session during lunch on June 5th. Please take the time to view the posters and meet the authors.

The AERE Summer Conference relies on advice and financial support from its sponsors and we are very thankful to our many sponsoring organizations. Two U.S. Government Agencies: the National Oceanic and

Atmospheric Administration (NOAA) and the Economic Research Service (ERS) of the U.S. Department of Agriculture have been longstanding supporters of the AERE conference. Thanks to Norman Meade (NOAA) and Marca Weinberg (USDA, ERS) for their support and for serving ex-officio on the Organizing Committee. We would also like to thank Industrial Economics, Inc. and the Brattle Group for their generous support of the conference welcoming reception and the Luskin Center for Innovation at UCLA for printing the programs. Please take the time to thank representatives of our sponsoring agencies personally.

For more details on the San Diego conference, please go to www.AERE.org/summer. I hope to see you there!

AERE Elections and the Board

The AERE board is a fantastic group of volunteers who are highly committed to advancing our organization. I’d first like to thank our outgoing board members, Amy Ando (University of Illinois) and Sheila Olmsted (University of Texas) for their contributions as Board members. Welcome to Elena Irwin (The Ohio State University) and Meredith Fowlie (University of California, Berkeley) as new Board members whose terms began this past January.

Journal of the Association of Environmental and Resource Economists (JAERE)

JAERE, the Association’s new journal, is progressing very smoothly and successfully, thanks to Editor Dan Phaneuf and his editorial team. The journal is on its way to becoming the premier journal in environmental and resource economics and a highly ranked economics journal. Please continue to support it by sending your best papers to *JAERE*.

Review of Environmental Economics and Policy (REEP)

First I’d like to thank outgoing editor, Charlie Kolstad (Stanford Institute for Economic Policy Research) for his longstanding support in editing *REEP* and in helping AERE establish this now leading international policy journal. Thanks also to the new *REEP* editor Carlo Carraro (Universita' Ca' Foscari Venezia) and his editorial team for their continued efforts.

AERE Sessions at National and Regional Meetings

Every year there are AERE sessions at various national and regional meetings and this year is no exception. Thanks to outstanding AERE volunteers and the time and energy they put into developing the programs at

these meetings, we have a great slate of papers and presentations coming up. The AERE program committee consists of Meredith Fowlie (University of California, Berkeley), Chair; Katrina Jessoe, (University of California, Davis); and Nicolai Kuminoff (Arizona State University). They have helped organize the AERE sessions at the **Agricultural and Applied Economics Association** (AAEA) meeting in San Francisco, California this July and have recently finalized the sessions of the **Allied Social Science Associations** (ASSA) meeting also in San Francisco, California, in January 2016. Trudy Ann Cameron (University of Oregon) organized sessions for the Western Economic Association International this summer in Honolulu, Hawaii and John Whitehead (Appalachian State University) has once again organized sessions for the annual meeting of the **Southern Economic Association** this November in Atlanta, Georgia. Lea-Rachel Kosnik (University of Missouri, St. Louis), has again volunteered to organize AERE sessions at next year's **Midwest Economics Association (MEA)** annual meeting in Minneapolis, Minnesota. See the Call for Papers in this issue for details.

Upcoming AERE Events and News Items

The Fifth AERE Summer Conference will be held June 9 - 11, 2016, at the Beaver Run Conference Center in Breckenridge, Colorado—a wonderful venue. Thanks to Harrison Fell (Colorado School of Mines) and Dan Kaffine (University of Colorado, Boulder) for co-chairing the Organizing Committee for this conference. Look for information on the call for papers this summer on the AERE web page.

AERE is very excited to announce a new award: the first AERE Outstanding Doctoral Dissertation Award will be presented at the winter meetings in San Francisco in January 2016. The award includes a cash prize of \$1,500 and a \$500 travel grant to attend the meetings. Thanks to Board member Nicholas Flores for developing and organizing the process for this award. Many thanks to those who gave generous financial support for this first year of the award, and to the individuals who agreed to serve on the selection committee.

Finally, I'd like to thank Marilyn Voigt, AERE's executive director and co-editor of the *AERE Newsletter* for all her efforts on AERE's behalf. She and newsletter co-editor John Loomis, (who has solicited and edited essays for each issue for a number of years), along with assistant editor, Kathleen Meaney Stobie, have faithfully produced this bi-annual publication which is now in its 35th year of production. Thanks also to Lynn Van Norstrand and Susanne Dieper of Future Field Solutions, our management firm, for their help and support. Finally, I'd also like to once again thank the Board for their ideas, contributions of time, and enthusiasm. AERE benefits greatly from such wonderful volunteers. Stay tuned for more news from AERE including information on websites, social media, and more!

I hope to see you in San Diego or at one of the other upcoming AERE events.

Vic

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AERE NEWS

AERE BOARD OF DIRECTORS MEETING

The AERE Board of Directors is meeting on Thursday, June 4, 2015, from 5:00 – 8:00 pm PDT at the AERE Summer Conference in San Diego at US Grant Hotel / Vintage Boardroom. Anyone with matters to be brought before the Board should contact the AERE president:

W.L. (Vic) Adamowicz
University of Alberta
Edmonton, Alberta, Canada
vic.adamowicz@ualberta.ca

NOMINATIONS FOR AERE OFFICERS AND BOARD MEMBERS

This year, AERE members will vote for the President (whose term will begin in January 2017), Vice President (whose term will begin in January 2016), and two new members of the Board of Directors who will serve for three years beginning in January 2016. The nominations are being handled by a committee chaired by AERE Vice President Richard G. Newell (Duke University). Elections will occur in the fall of 2015.

Nominations may also be made by the membership through petitions, each of which contains signatures of 5% of the association's members who are then in good standing. Such petitions should be sent to arrive at the AERE Secretary's (Sarah West) address no later than **August 1, 2015**.

Sarah E. West
Professor of Economics
Macalester College
1600 Grand Avenue
Saint Paul, MN 55105
wests@macalester.edu

AERE PUBLICATION OF ENDURING QUALITY AWARD 2015 CALL FOR NOMINATIONS

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
hsigman@rutgers.edu
Subject Line: AERE PEQ Award

**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
Faculty of Agricultural, Life and Environmental Sciences
515 General Services Building
Edmonton, Alberta, Canada T6G 2H1
vic.adamowicz@ualberta.ca
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
Jim Wilen

AERE Fellows 2012

Lawrence H. Goulder
John Loomis
Robert Pindyck

AERE Fellows 2013

Joseph A. Herriges
Jason Shogren

AERE MEMBERSHIP OPTIONS

AERE membership rates for 2015 remain the same. Please renew your membership now 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 2015 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) 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 2015 AERE Summer Conference;
- two nontransferable tickets for institution staff to the annual AERE Business Meeting and Luncheon at the ASSA meeting in San Francisco, California in January 2016;
- 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 *REEP*, luncheon or AERE Conference registrations, receipts, or related membership matters to:

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

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

AERE
1616 P Street NW, Suite 600
Washington, DC 20036-1400
voigt@rff.org
Telephone: 202-328-5125

AERE Newsletter

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2015 INSTITUTIONAL AND UNIVERSITY MEMBERS OF AERE

Institutional Members

Environmental Defense Fund
Fondazione Eni Enrico Mattei – FEEM

Resources for the Future
Rocky Mountain Research Station U.S.F.S.

University Members

Clark University
Department of Economics

Colorado School of Mines
Division of Economics & Business

Duke University

Iowa State University
Center for Agricultural and Rural Development

Mississippi State University
Department of Agricultural Economics

Texas A&M University
Department of Agricultural Economics

University of Calgary
Department of Economics

University of California, Davis
Department of Agriculture and
Resource Economics

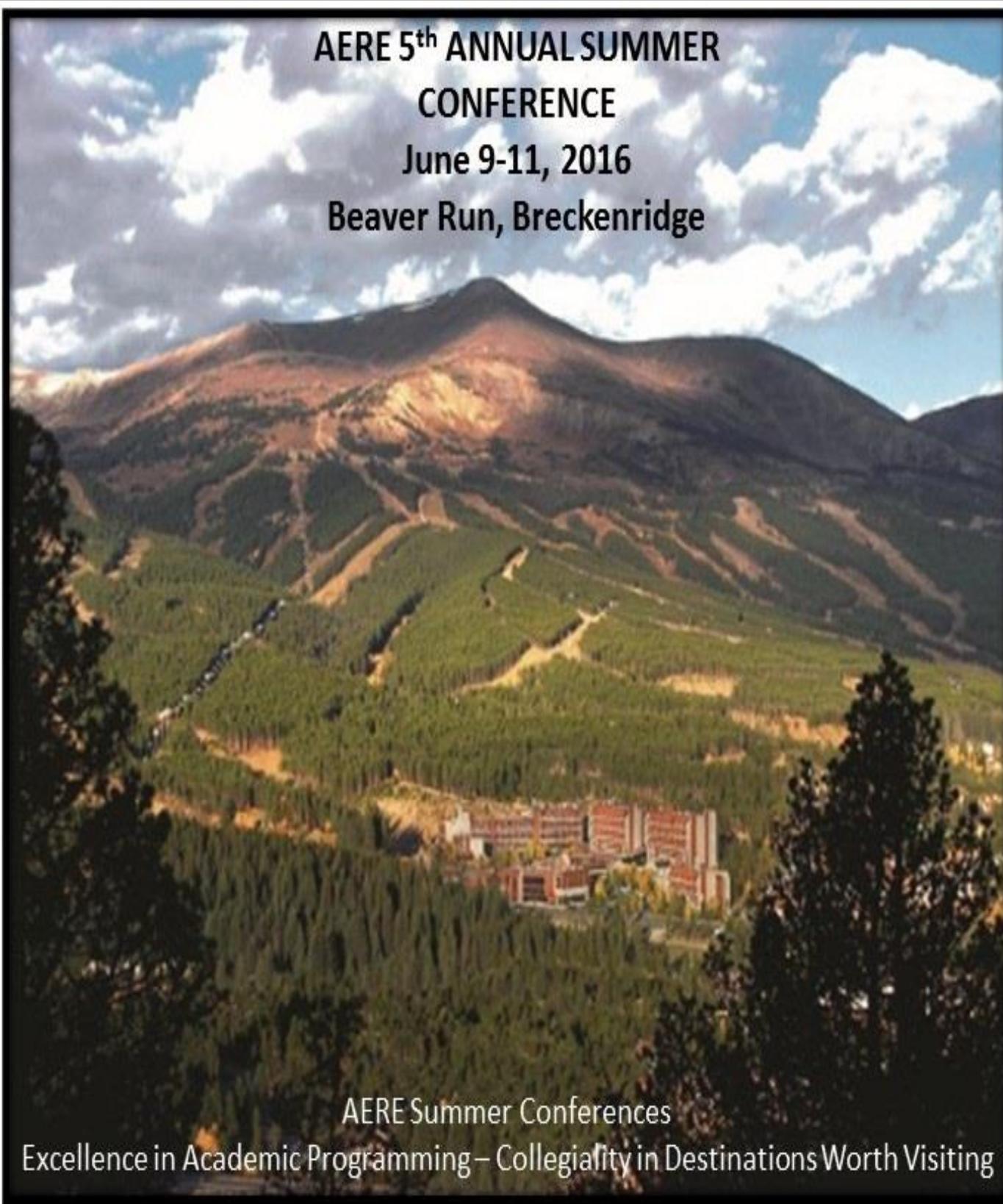
University of Chicago
Energy Policy Institute at Chicago (EPIC)

University of Colorado, Boulder
Department of Economics

University of Hawaii at Manoa
Department of Economics

University of Illinois at Urbana-Champaign
Department of Agricultural and
Consumer Economics

Virginia Tech
Department of Agricultural and Applied
Economics



**AERE 5th ANNUAL SUMMER
CONFERENCE
June 9-11, 2016
Beaver Run, Breckenridge**

AERE Summer Conferences
Excellence in Academic Programming – Collegiality in Destinations Worth Visiting

CALLS FOR PAPERS

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 August for the November issue. If you wish to float an idea by me, feel free to contact me.

John Loomis
AERE Newsletter Co-Editor
john.loomis@colostate.edu
Telephone: 970-491-2485



The 15th Occasional Workshop in Environmental and Resource Economics

October 2nd – October 3rd, 2015
Bren School of Environmental Science & Management
University of California, Santa Barbara

Deadline: June 5, 2015

The University of California, Santa Barbara's (UCSB) Bren School of Environmental Science & Management and Department of Economics will be hosting the 15th Occasional Workshop in Environmental and Resource Economics on Friday and Saturday, October 2nd – October 3rd, 2015 at the UCSB campus.

This event provides researchers the opportunity to share their work and/or ideas in a relaxed, workshop setting. It is geared towards graduate students, faculty, and researchers at universities, public or private institutes, or governmental agencies in environmental and natural resource economics.

Day 1 (Friday, October 2nd): Full day, long and short paper presentations

Day 2 (Saturday, October 3rd): Half day, long and short paper presentations

Paper Submissions

Researchers interested in presenting a paper are asked to submit an abstract or a full paper by email on or before June 5, 2015. Authors will be notified of acceptance by July 6th.

Please follow these guidelines in submitting your materials:

- Subject line of the email: "Occasional Submission Last Name First Name"
- Body of the email should indicate:
 1. Author(s)– names and affiliations
 2. Which author is the presenter
 3. Contact information, including name, address, email, and phone
 4. Title of presentation

Attach to the email a PDF of your:

- o Abstract, if submitting a short paper; short presentations will be up to 15 mins.
- o Full paper, if submitting a long paper; long presentations will be up to 25 minutes.

Submissions and questions should be emailed to:
occasional_workshop@bren.ucsb.edu

Expenses:

Up to two nights of accommodation will be covered for one presenter per paper. Lunches will be provided during the workshop for presenters. Additional funds for travelling and accommodation will also be available for presenters and graduate students, though the amount has not yet been determined.

**CANADIAN RESOURCE AND
ENVIRONMENTAL ECONOMICS (CREE)
STUDY GROUP**

**CREE 2015 Annual Conference
October 2-4, 2015
University of Sherbrooke
Sherbrooke, Quebec, Canada**

The deadline for submission of abstracts/papers to the 25th annual meeting of the CREE Study Group is **June 30, 2015**.

Abstracts may be submitted directly via the following link:

<http://economics.ca/cree/2015/submit.php>

Further information about accommodations, registration, etc. can be found [here](#). Please note that registration opens on July 15th. In time, the web page will be updated to include program and participant information. Please contact us at cree2015@economics.ca if you have any questions.

**ECONOMIC AND SOCIAL RESEARCH
COUNCIL (ESRC)**

**September 16 – 17, 2015
Central London, United Kingdom**

Workshop on *Managing Water Demand*

The aim of the workshop is to bring together scholars interested in the economic analysis of water demand. The program will encompass both theoretical contributions as well as empirical research using natural or field experiments and survey or administrative data.

Areas of interest include but are not restricted to research on:

- Modelling and estimating household water demand
- Water pricing and metering
- The impact of behavioral interventions on water demand
- The role of regulation and public policy
- Water affordability

The workshop will be held in central London and will include a policy round table with policy makers and representatives from the water industry. The event is organized with the support of the Economic and Social Research Council (ESRC) and Southern Water.

Michael Price (Georgia State University and NBER) will deliver a keynote address.

There is no conference fee and we will provide accommodation. Some funds are also available to meet travel costs for presenters. Please indicate in your response whether you will require funding.

To apply, please send an email with your paper attached as a PDF file to: water.demand.workshop@gmail.com

Submission Deadline: June 15, 2015
Notification of Acceptance: June 30, 2015

The Organizers:
Carmine Ornaghi and Mirco Tonin

Conference Website:
<http://www.water-soton.co.uk/workshop>

**3RD ECONOMICS OF LOW-CARBON
MARKETS WORKSHOP**

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

The 3rd Economics of Low-Carbon Markets Workshop aims at stimulating discussions among international researchers in the field of Environmental and Energy Economics and closely related areas such as Industrial Organization and Transport Economics.

All interested researchers are invited to submit their papers written in English in pdf format to econ.low.carbon@gmail.com by **July 30, 2015**.

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

**LATIN AMERICAN ENVIRONMENTAL AND
ENERGY ECONOMICS WORKSHOP**

**September 25 – 26, 2015
CIDE Aguascalientes Campus
Aguascalientes, AGS, Mexico**

Prospective participants should submit a full version of the paper laeeecon.workshop@cide.edu by **June 24, 2015**.

Conference Website: <http://cide-laeeecon-workshop.yolasite.com/>

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

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

Call for Papers: AERE Sessions

Authors wishing to have a paper considered for the AERE sessions at the 2016 MEA Meeting should send a .pdf file by e-mail to:

**Dr. Lea-Rachel Kosnik
University of Missouri-St. Louis
kosnikl@umsl.edu
Subject Line: AERE MEA Abstract
Submission**

Deadline to submit is **September 1, 2015**. 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 150 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.

All selected presenters must be 2015 AERE members and priority consideration for discussants will be given to current AERE members.

Note: An evening networking opportunity will be available for AERE attendees at the MEA meeting at a restaurant near the conference to be organized by Lea-Rachel Kosnik (kosnikl@umsl.edu). Please let her know if you are interested by sending an email with “MEA AERE Dinner” in the subject line.

CONFERENCES, MEETINGS, AND WORKSHOPS



Downtown View from Point Loma--Courtesy Joanne DiBona, SanDiego.org

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

The fourth annual AERE Summer Conference will be held June 3 to June 5 at the U.S. Grant Hotel located in the lively and historic Gaslamp Quarter of San Diego, California. An all-day pre-conference workshop, led by Meredith Fowlie (University of California, Berkeley) and Mushfiq Mobarak (Yale University), will be held on Wednesday, June 3 and will focus on “Field Experiments: Design, Methods and Applications.” The conference will begin with an informal reception on Wednesday evening; the academic program will follow on Thursday and Friday.

The conference will feature **General Sessions**, **Sponsored Sessions**, and a **Poster Session**. **General Sessions** and the **Poster Session** will cover topics of interest to environmental and natural resource economists. **Sponsored Sessions** will feature papers focusing on one of the following two themes: (1) use of big data or field experiments in environmental and natural resource applications, and (2) and evidence-based ecosystem management: evaluating the effectiveness of resource policies.

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; by Industrial Economics, Inc. and The Brattle Group for generous support of the welcome reception; and the Luskin Center at UCLA for printing the programs. Additional details about the conference are posted on AERE’s website (www.aere.org).

Conference Organizing Committee:

Co-Chair Mary Evans, Claremont McKenna College

Co-Chair Andrew Plantinga, University of California, Santa Barbara

Susan Capalbo, Oregon State University

Junjie Zhang, University of California, San Diego

Questions should be directed to the organizing committee at aere2015sandiego@gmail.com

**AGRICULTURAL & APPLIED
ECONOMICS ASSOCIATION (AAEA)**

**July 26 – 28, 2015
Marriott Marquis
San Francisco, California**

AERE Sessions

Note: Presenting author is listed first.

Session I: Electricity Supply and Demand

Can Energy Efficiency Standards Reduce Prices and Improve Quality? Evidence from the US Clothes Washer Market

- Arlan Brucal, University of Hawaii at Manoa: abrucal@Hawaii.edu
- Co-author: Michael Roberts: mjrobert@hawaii.edu

Emissions Reductions or Green Booms? The General Equilibrium Effects of a Renewable Portfolio Standard

- Teevrat Garg, Cornell Univeristy: tg236@cornell.edu
- Co-author Antonio Bento: amb396@cornell.edu
- Co-author: Dan Kaffine: Daniel.Kaffine@colorado.edu

Wind Turbine Shutdowns and Upgrades in Denmark: Timing Decisions and the Impact of Government Policy

- Cynthia Lin, UC Davis: cclin@primal.ucdavis.edu
- Co-author: Jonathan A. Cook: JoCook@nexant.com

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

- Casey Wichman, University of Maryland: wichman@umd.edu
- Co-author: Jonathan Eyer: jneyer@ncsu.edu

Session II: Water, Industrial Production, and International Trade

Impacts of Water Scarcity and Climate on Land Use in Irrigated Agriculture

- Beau Olen, Oregon State University: beau.olen@oregonstate.edu
- Co-author: JunJie Wu: junjie.wu@oregonstate.edu

How Do Water Rights Institutions Affect Climate Change Impacts on Water Supply?

- Renata Rimsaite, Pennsylvania State University: rzr143@psu.edu
- Co-author: Karen A. Fisher-Vanden,: kaf26@psu.edu
- Co-author: Sheila M. Olmstead: sheila.olmstead@austin.utexas.edu

Why is Pollution from U.S. Manufacturing Declining? The Roles of Trade, Regulation, Productivity, and Preferences

- Joseph S. Shapiro, Yale University and NBER: joseph.shapiro@yale.edu
- Co-author: Reed Walker: rwalker@berkeley.edu

The Effect of the Shale Gas Boom on Coal Exports: Accounting for the Location of Production

- Jonathan Eyer, North Carolina State University: jneyer@ncsu.edu

**ALLIED SOCIAL SCIENCE
ASSOCIATIONS (ASSA)
ANNUAL MEETING**

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

The **2016 Annual Meeting** will take place in San Francisco, California on January 3 - 5, 2016. The headquarters hotel will be the Hilton San Francisco at Union Square.

AERE will sponsor sessions at the 2016 winter meeting of the ASSA and will hold a members' luncheon and Fellow's Talk on January 4th. The AERE Program Committee is organizing the AERE sessions. The Call for Papers is now closed.

Website: [http://www.aeaweb.org/Annual Meeting](http://www.aeaweb.org/Annual%20Meeting)

**THE BAKER CENTER
UNIVERSITY OF TENNESSEE,
KNOXVILLE**

**July 27 – 28, 2015
University of Tennessee
Knoxville, Tennessee**

*Thresholds, Tipping Points, and Random Events
in Dynamic Economic Systems*

Website:

<http://bakercenter.utk.edu/2014/12/18/call-for-papers-thresholds-tipping-points-and-random-events-in-dynamic-economic-systems-july-2015>

**5TH CONGRESS OF THE EAST ASIAN
ASSOCIATION OF ENVIRONMENTAL
AND RESOURCE ECONOMISTS (EAAERE)**

**August 5 – 7, 2015
Academia Sinica
Taipei, Taiwan**

Website: www.econ.sinica.edu.tw/2015EAAERE

EAERE 21ST ANNUAL CONFERENCE

**June 24 – 27, 2015
Helsinki, Finland**

Organization: EAERE and University of Helsinki

For conference information:

<http://www.eaere2015.org/>

EAERE 22ND ANNUAL CONFERENCE

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

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

For conference information:

<http://www.eaere.org/section-event-next-conferences>

**GRANTHAM RESEARCH INSTITUTE AND
THE CENTRE FOR ECONOMIC
PERFORMANCE (LONDON SCHOOL OF
ECONOMICS AND POLITICAL SCIENCE)**

**September 16 – 18, 2015
Royal Society of Arts
London, United Kingdom**

*Economics of Innovation, Diffusion, Growth
and the Environment*

For conference details:

<http://www.lse.ac.uk/GranthamInstitute/event/innovati-onconference/>

**INTERNATIONAL SCIENTIFIC
CONFERENCE**

85th Annual Meeting

**July 7 – 10, 2015
UNESCO
Paris, France**

Our Common Future Under Climate Change

For conference details:

<http://www.commonfuture-paris2015.org/>

**NORTHEAST AGRICULTURAL AND
RESOURCE ECONOMICS ASSOCIATION
(NAREA) ANNUAL MEETING**

**June 28 - 30, 2015
Hotel Viking
Newport, Rhode Island**

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

Conference Website: <http://www.narea.org/2015/>

**SOUTHERN ECONOMIC ASSOCIATION
(SEA)**

85th Annual Meeting

**November 21-23, 2015
New Orleans Marriott
New Orleans, Louisiana**

AERE members will be participating in the Southern Economic Association's (SEA) 85th annual meeting at the New Orleans Marriott Hotel in New Orleans, Louisiana, on November 21 - 23, 2015. John C. Whitehead (Appalachian State University) will organize the SEA sessions which are intended to provide an accessible conference option for our regional members. The Call for Papers is now closed. The list of papers will appear in the November 2015 *AERE Newsletter*.

Website: <http://www.southerneconomic.org>

**INTERNATIONAL (WEAI)
90th ANNUAL CONFERENCE**

**June 28- July 2, 2015
Hilton Hawaiian Village
Waikiki, Honolulu, Hawaii**

***AERE Session 1:
Economics of Climate Change
and Extreme Weather***

Tuesday, June 30 8:15 am - 10:00 am

Chair: Max AUFFHAMMER, Department of Agricultural and Resource Economics (ARE), University of California (UC), Berkeley

Title: The Determinants of Property Damage: Evidence from Hurricane Sandy

Author(s): Sisi MENG*, Florida International University; Pallab MOZUMDER, Florida International University

Discussant: Kyle ANDELIN, Western Washington University

Title: The Impact of Flood Risk on Property Value

Author(s): Kyle ANDELIN*, Western Washington University; Sharon SHEWMAKE, Western Washington University

Discussant: Tanga MOHR, Economics, Appalachian State University

Title: Projecting the Impact of Climate Change on US Electricity Load

Author(s): Maximilian AUFFHAMMER*, ARE UC, Berkeley; Patrick BAYLIS*, ARE UC, Berkeley; Catherine HAUSMAN, Ford School, University of Michigan

Discussant: Michael Roberts, University of Hawaii

***AERE Session 2:
Ecosystems***

Tuesday, June 30: 10:15 am – 12:00 noon

Chair: Craig BROADBENT, Illinois Wesleyan University

Title: Implications of Missing Baselines for Estimating the Impacts of Protected Areas

Author(s): Merlin HANAUER*, Sonoma State University; Paul FERRARO, Andrew Young School, Georgia State University

Discussant: Nadia A. SEETERAM, Florida International University

Title: Valuation of Ecosystem Services for Environmental Decision Making in South Florida

Author(s): Nadia A. SEETERAM*, Department of Earth and Environment, Florida International University, Miami, FL, USA; Pallab MOZUMDER, Department of Earth and Environment, Department of Economics and Social Science Research Lab, International Hurricane Research Center, Florida International University, Miami, FL, USA

Discussant: Craig D. BROADBENT, Illinois Wesleyan University

Title: Substitutability of Ecosystem Services: A Choice Experimental Approach Valuing Semi-Arid Ecosystems

Author(s): Craig D. BROADBENT*, Illinois Wesleyan University, Department of Economics; David S. BROOKSHIRE, University of New Mexico, Department of Economics; Don COURSEY, University of Chicago, Harris School of Public Policy

Discussant: Merlin HANAUER, Sonoma State University

*AERE Session 3:
Electricity Supply and Demand in a
Warming World*

Tuesday, June 30: 2:30 pm – 4:15 pm

Chair: Michael J. ROBERTS, University of Hawaii at Manoa

Title: Quantifying Intensive and Extensive Margin Adaptation Responses to Climate Change: A Study of California's Residential Electricity Consumption

Author(s): Maximilian AUFFHAMMER*, ARE, UC, Berkeley

Discussant: Nori Tarui, University of Hawaii at Manoa

Title: Electricity Demand Response to Temperature and Price in Hawaii

Author(s): Karl JANDOC*, Department of Economics, University of Hawaii at Manoa; Michael J. ROBERTS, Department of Economics and Sea Grant, University Of Hawaii at Manoa

Discussant: Makena Coffman, Department of Urban and Regional Planning, University of Hawaii at Manoa.

Title: Using Variable Pricing to Balance Demand With Variable Supply from Renewables? A Case Study of Oahu, Hawaii

Author(s): Matthias FRIPP*, Department of Electrical Engineering, University of Hawaii at Manoa; Michael J. ROBERTS*, Department of Economics and Sea Grant, University of Hawaii at Manoa

Discussant: Isamu Matsukawa, Faculty of Economics, Musashi University, Tokyo, Japan

*AERE Session 4:
Climate/Information/CGE*

Wednesday, July 1: 8:15 am – 10:00 am

Chair: TBA

Title: Information Disclosure within Canada's GHG Reporting Program

Author(s): Keith BROUHLE*, Economics; Grinnell College; Donna Ramirez HARRINGTON, Economics, University of Vermont

Discussant: Sharon SHEWMAKE, Western Washington University

Title: Predicting Consumer Demand Responses to Carbon Labels

Author(s): Sharon SHEWMAKE*, Western Washington University; Abigail OKRENT, ERS, USDA; Lanka THABREW, Vanderbilt University; Michael VANDENBERGH, Vanderbilt University law school

Discussant: TBA

Title: An Evaluation of the Performance of Applied General Equilibrium Models on the Impacts of a Carbon Tax

Author(s): Jared CARBONE*, Division of Economics and Business, Colorado School of Mines; Nicholas RIVERS, Graduate School of Public and International Affairs and Institute of the Environment, University of Ottawa; Akio YAMAZAKI, Department of Economics, University of Calgary; Hidemichi YONEZAWA, Graduate School of Public and International Affairs and Institute of the Environment, University of Ottawa;

Discussant: Keith BROUHLE, Economics; Grinnell College

*AERE Session 5:
Natural Resources*

Wednesday, July 1: 10:15 am – 12:00 noon

Chair: Pallab MOZUMDER, Florida International University

Title: Payments for Multiple Ecosystems Services: A Framed Field Experiment in Oaxaca, Mexico

Author(s): Pallab MOZUMDER, Department of Earth & Environment and Department of Economics, Florida International University; Eric VAN VLEET, Department of Global and Sociocultural Studies, Florida International University; David BRAY, Department of Earth and Environment, Florida International University, Miami, FL, USA.

Discussant: Sara A. SUTHERLAND, Bren School; University of California, Santa Barbara

Title: Empirical Evidence on the Economics of Stakeholder Opposition to Fishery Rationalization

Author(s): Sara A. SUTHERLAND, Bren School of Environmental Science and Management/Economics; University of California, Santa Barbara

Discussant: Eric C. EDWARDS, Utah State University

Title: What Can Agricultural Land Sales Tell Us About Aquifer Depletion?

Author(s): Eric C. EDWARDS*, Utah State University

Discussant: Pallab MOZUMDER, Florida International University

*AERE Session 6:
Pollution and Environmental Equity*

Wednesday, July 1: 2:30 pm – 4:15 pm

Chair: Jared CARBONE, Division of Economics and Business, Colorado School of Mines

Title: Fuel Poverty in the U.S: Evidence from the 2009 RECS

Author(s): Tanga MOHR*, Appalachian State University

Discussant: Michael MARGOLIS or Lopamudra CHAKRABORTI, Centro de Investigacion y Docencia Economicas

Title: Do Industries Pollute More in Poorer Neighborhoods? Evidence from Mexico

Author(s): Lopamudra CHAKRABORTI*, Department of Economics, Centro de Investigacion y Docencia Economicas; Michael MARGOLIS, Department of Economics, Centro de Investigacion y Docencia Economicas; Jose Jaime SAINZ SANTAMARIA, Department of Public Administration, Centro de Investigacion y Docencia Economicas

Discussant: Reed WALKER, University of California Berkeley

Title: Why is Pollution from U.S. Manufacturing Declining? The Roles of Trade, Regulation, Productivity, and Preferences

Author(s): Reed WALKER*, University of California Berkeley; Joseph SHAPIRO, Yale University

Discussant: Jared CARBONE, Division of Economics and Business, Colorado School of Mines

ESSAY

Reducing Second-Hand Smoke Exposure: New Opportunities and Challenges

Debra Israel
Department of Economics
Indiana State University
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The author would like to thank Emily Richards and Max Short for research assistance with this project. Thanks also to Midwest Economics Association conference participants at an AERE session for helpful comments on an earlier version of this paper.

Introduction

Prohibition of smoking in worksites and public places has increased across the United States in recent years, significantly reducing second-hand smoke exposure in the public sphere. However, particularly in the light of these existing restrictions on smoking in public places, second-hand smoke exposure may be more concentrated and occur more often in private places (such as homes and private vehicles). As environmental economics demonstrates, if two different sources of a pollutant exist, a given amount of pollution reduction could be achieved at lower cost if the marginal abatement cost is equalized across sources. I apply this concept to second-hand smoke exposure, highlighting the current situation of regulation in public places, which may be described as a partial ban, contrasted with a relatively unregulated sector (homes and private vehicles). I suggest that greater gains in reduction of second-hand smoke exposure may be realized by focusing on homes and private vehicles rather than further tightening of bans in public spaces. I focus on two relatively new areas of policy regulation that have ramifications for second-hand smoke exposure. One regulatory area is restrictions on smoking when children are present in a private vehicle. In the United States, the first states to pass these laws were Arkansas and Louisiana in 2006, and now as of this past July seven states (including California, Maine, Oregon, Utah, and Vermont) and Puerto Rico have some type of prohibition on smoking in a private vehicle with children present (GASP; Public Health Law Center). The second regulatory area is electronic cigarettes, where the FDA proposed new regulations in April 2014 that would bring these nicotine substitutes under their jurisdiction. Regulators at many levels of government are scrambling to decide how to treat electronic cigarettes under existing smoking regulations.

The experiences and opinions reported by students at Indiana State University in a Spring 2013 survey in three Economics classes highlight the distinction between second-hand smoke exposure in public and private places (Israel and Richards, 2014). Respondents were asked where they most frequently experienced second-hand smoke exposure and the amount of daily exposure. The percentage of respondents with low second-hand smoke exposure (less than one hour daily) is higher for those with their main exposure in public places than in private places (84 percent and 57 percent, respectively). In addition, attitudes among these Indiana State University students towards tightening regulations on smoking in public places revealed strong divisions among students. Currently smoking is only allowed on the Indiana State campus in outdoor designated smoking areas. When asked about going completely smokeless on campus, thirty-seven percent either agreed or strongly agreed, while 37 percent of respondents either disagreed or strongly disagreed. At the same time, fifty percent of respondents either agreed or strongly agreed with the statement: "I am concerned with my exposure to second hand smoke." (Israel and Richards, 2014). While these results are based on a small sample (N=30 reflecting a 30 percent response rate) they are consistent with the idea that second-hand smoke exposure in private spaces is greater than in public spaces and that students may support other ways to reduce their second-hand smoke exposure besides tightening current campus smoking restrictions.

While the negative externality of second-hand smoke exposure, or indoor air pollution exposure in general, has been examined less frequently by environmental economists than outdoor air pollution, economic theory utilized by environmental economics has the potential to contribute to the current direction of public policy.

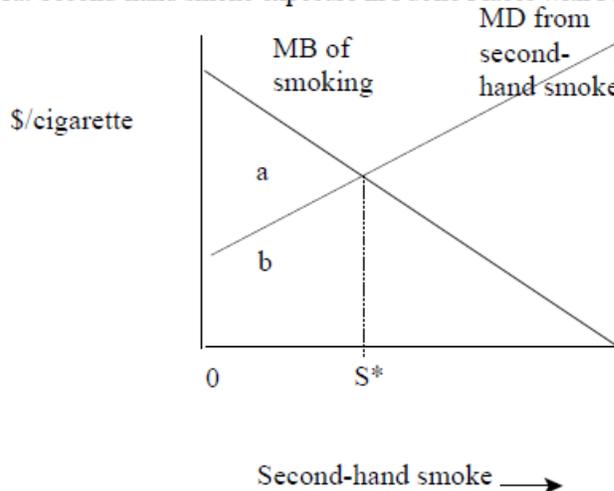
Economists from many subfields have engaged in research related to smoking and cigarette markets over the years. For example, an economic literature examines cigarette smoking as a rational addiction, more recently recognizing time inconsistencies that might lead to smokers also benefiting from restrictions (Gruber, 2001; Hersch, 2005). Public economists address cigarette smoking, often through analysis of “sin” taxes and estimating price elasticities for cigarettes (for a recent example see Maclean et al., 2014). Hofmann and Nell (2012) compare the efficiency of Pigouvian taxation combined with partial smoking bans in reducing second-hand smoke, while Hersch et al. (2004) find that state regulations of smoking are consistent with citizen preferences. Carpenter et al. (2011) examine the impact of regulations on smoking in public places on overall second-hand smoke exposure in Canada, finding no evidence of increased exposure in private places as a result of public bans. By contrast, Adda and Cornaglia (2010) find that displacement occurs where smoking bans in public places increase second-hand smoke exposure in the home. Separate from the question of whether or not public smoking bans have caused a displacement of smoking to private spaces, there may be general agreement that benefits exist to reducing second-hand smoke exposure, particularly of children, in these relatively unregulated private spaces.

Second-hand Smoke Exposure in Private versus Public Spaces

As discussed, the public sphere is currently subject to considerable regulation of smoking whereas the private sphere (homes and private vehicles) is less regulated. This difference in current regulation of the two spheres suggests that the net gain from reducing second-hand smoke exposure in private locations may be considerably higher than the net gain (or perhaps loss) from further reduction of second-hand smoke in public places. This is illustrated in Figures 1a and b.

Figure 1a. shows the case of a partial smoking ban. This is a partial, rather than complete ban, as smoking is still allowed in some public places. For example, college campuses and workplaces may allow smoking in designated areas. Outdoor public places such as parks, streets, and beaches also may allow smoking. For simplicity, in Figure 1a., assume that the current level of regulation from the partial ban is at the socially efficient level of S^* . A more restrictive policy, such as a complete ban on smoking in public places would reduce second-hand smoke exposure at a relatively high cost in marginal benefits (MB) lost to smokers (areas $a + b$ on the graph) and for a relatively low benefit in reduction in marginal damages (MD) from second-hand smoke (area b on the graph). Therefore the change in policy would be a net loss to society of area a .

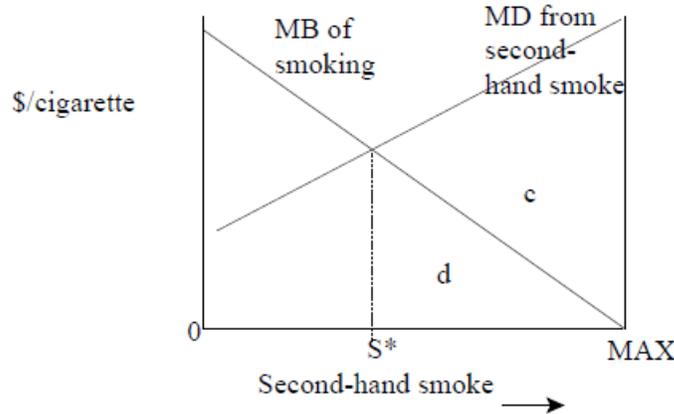
Figure 1a. Second-hand smoke exposure in Public Places with Partial Ban at S^*



On the other hand, as seen in Figure 1b., in unregulated private spaces, a reduction in second-hand smoke may be less costly for the smoker, and have more benefit in reduction of second-hand smoke. For example, if a combination of policies were able to reduce smoking from the MAX level to S^* , the benefits from the reduction of MD from second-hand smoke is area c + d

and the cost to smokers in the reduced benefits from smoking is area d with a net benefit overall of area c. These scenarios illustrate that policies designed to reduce smoking in private spaces may be more economically efficient than more restrictive smoking regulations in public spaces.

Figure 1b. Unregulated Second-hand smoke exposure in Private Spaces (homes, cars)



Policy Options for Reducing Second-Hand Smoke Exposure in Private Spaces

The previous section gives an economic basis to shift the focus of further reduction in second-hand smoke exposure to private spaces such as private homes and vehicles. Similar types of policies as those already adopted in public places and work places are also being adopted for private vehicles. Although our cars are private, when they are driven on public property (such as roads) they are already highly regulated, so smoking bans in these vehicles when children are present may become even more widespread. However, the current policy tools of taxing cigarettes and banning smoking may not be particularly useful for reducing second-hand smoke exposure in homes. Reduction of second-hand smoke in private homes must recognize people’s rights to engage in legal activities (such as smoking) in their homes, which suggests a greater role for education or subsidies to reduce smoking around others. Nicotine substitutes like gum or patches might play a greater role in reducing second-hand smoke if use were encouraged for that purpose, rather than solely cessation. Currently electronic cigarettes may also be used to reduce second-hand smoke exposure, but as they become subject to regulation this role may be discouraged.

Reduction in second-hand smoke can come from either actions at the extensive margin with smokers quitting smoking completely, or fewer people starting to smoke, or at the intensive margin, with smokers continuing to smoke, but reducing their smoking, or from smokers continuing to smoke the same amount, but changing where they smoke in order to reduce second-hand smoke exposure. Focusing only on complete bans and people completely quitting smoking may result in missed opportunities to reduce second-hand smoke exposure through these other types of actions.

Smoking Restrictions in Private Vehicles

Smoking bans in private cars when children are present is one legislative method to reduce concentrated second-hand smoke exposure in private spaces. In addition to the seven states and Puerto Rico mentioned earlier, within the United States other jurisdictions such as cities and counties have imposed these bans, as have jurisdictions in other countries, or in some instances whole countries (GASP; Public Health Law Center). Nguyen (2013) examines the effectiveness of bans on smoking in private vehicles with children present, using data from Canada, where nine of the ten provinces have adopted these laws. The findings show that the laws have been successful in reducing second-hand smoke exposure among children, and do not find any evidence

of increased smoking in private homes resulting from these laws.

While it may seem surprising that people would support these types of restrictions in their own private vehicles, they can be viewed as similar to seatbelt requirements for children. Even among current smokers, Hitchman et al. (2010) find high percentages of support for banning smoking in cars with children in their cross-country study. The highest support for these restrictions was in Australia (83 percent), then the UK at 75 percent, Canada at 74 percent and the United States at 60 percent. Showing similar levels of support, in the previously referenced survey of Indiana State University students, 79 percent disagreed or strongly disagreed with the statement “I believe people should be allowed to smoke cigarettes in private cars with children.” In fact, smoking in private cars with children garnered the highest percentage of those who strongly disagree (61 percent) relative to the other places queried which included malls, hotel rooms, restaurants, and bars (Israel and Richards, 2014). Among these college students the ranking of support for the right to smoke in bars, restaurants, or in malls is similar to that found by Hersch et al. (2004) where they found the least support for complete smoking bans in bars and the strongest support for smoking restrictions in malls. The support for restrictions found among smokers is also consistent with findings from Hersch (2005) where support for smoking regulations among smokers is higher for those who are trying to quit, suggesting that the government regulations may serve as an external self-control mechanism.

Electronic Cigarettes and Second-Hand Smoke Exposure

Electronic cigarettes are a relatively new innovation in nicotine delivery – and unlike cigarettes with burning tobacco, the vapor emitted is generally thought to be less harmful than second-hand smoke (Esterl and Kell, 2013). Electronic cigarettes, as well as other nicotine substitutes (gum or patches) have the potential to allow smokers to reduce their smoking around other people. Anecdotally, electronic cigarettes seem to help some people quit or reduce their smoking, and others to spend more quality time around friends or relatives who do not tolerate their second-hand smoke. However, while cigarette smoking has been on the decline in the US in recent decades (Esterl and Kell, 2013), some are concerned that electronic cigarettes, perceived as safe, will actually get more people, particularly the next generation, addicted to nicotine. Figures from 2012 show that 23.3 percent of high school students surveyed had used any type of tobacco product in the past 30 days, whereas 2.8 percent had used electronic cigarettes (CDC,

2014). Similarly among middle school students, 6.7 percent had used any type of tobacco product, and 1.1 percent had used electronic cigarettes (CDC, 2014). From the perspective of reduction in second-hand smoke exposure, it would seem that anti-smoking proponents would welcome electronic cigarettes. However, that does not seem to be the case. In their section on electronic cigarettes, the American Nonsmokers’ Rights Foundation (ANRF) states, “The use of e-cigarettes in workplaces and public places is a significant public health concern, not only because of their unregulated constituents and the potential health impact of the vapor on users and bystanders, but also because e-cigarette use causes public confusion as to where smoking is allowed, resulting in compliance problems with smokefree laws” (ANRF, 2014).

Before electronic cigarettes, the main focus of nicotine substitutes such as nicotine patches or gum was to help smokers to reduce their smoking habit, or to quit altogether. However, this emphasis on quitting overlooks the possibility of benefits in reduced second-hand smoke if smokers are able to reduce their smoking around others by using these nicotine substitutes. If these substitutes are safer for smokers as well, then even if they do not quit smoking, health benefits exist from the reduction in smoking and second-hand smoke.

Conclusions and Further Research

Relatively recent innovations such as electronic cigarettes or regulations on smoking in private cars may both function as a way to reduce second-hand smoke in private spaces, which may result in smaller welfare losses to smokers, and larger welfare improvements to those affected by second-hand smoke, than further restrictions on smoking in public places. Electronic cigarettes, while still relatively unregulated, are becoming subject to regulation and taxation in some places. They may be seen as both a bane and a boon for those concerned about second-hand smoke exposure.

Taxes on cigarettes, while used as a deterrent to smoking, are a blunt tool for addressing second-hand smoke concerns since not all smoking leads to second-hand smoke exposure. However, a policy taxing electronic cigarettes at a similar rate as tobacco cigarettes to discourage new users from becoming addicted to nicotine could be combined with a subsidy for current smokers (perhaps via prescriptions). This subsidy would explicitly recognize the benefit to using electronic cigarettes either as a cessation tool or as a mechanism to reduce second-hand smoke exposure.

As new regulations are developed, as a society we will benefit from an examination of both the benefits and costs of these new technologies and regulations in relation to second-hand smoke exposure. Economic analysis could contribute to developing economically efficient policies in these new regulatory areas.

References

Adda, Jérôme and Francesca Cornaglia. 2010. "The Effect of Bans and Taxes on Passive Smoking." *American Economic Journal: Applied Economics* 2: 1-32.

ANRF (American Nonsmokers' Rights Foundation). "U.S. State and Local Laws Regulating Use of Electronic Cigarettes" as of January 2, 2014. www.no-smoke.org.

Carpenter, Christopher, Sabina Postolek, and Casey Warman. 2011. "Public-Place smoking laws and exposure to environmental tobacco smoke (ETS)" *American Economic Journal: Economic Policy* 3: 35-61.

CDC (Centers for Disease Control) *Fact Sheet: Youth and Tobacco Use* accessed 3/11/2014 at http://www.cdc.gov/tobacco/data_statistics/fact_sheets/youth_data/tobacco_use/index.htm

Esterl, Mike, and John Kell. "Big Tobacco Embraces E-Cigs." *Wall Street Journal* 26 April 2013, B3.

GASP (Global Advisors Smokefree Policy). 2014. *Smoke-free Vehicles When Children are Present* accessed on 9/6/2014 at http://www.njgasp.org/wp-content/uploads/2014/05/f_SF-carskids-info-arguments.pdf

Gruber, Jonathan. 2001. "Tobacco at the Crossroads: The Past and Future of Smoking Regulation in the U.S." *Journal of Economic Perspectives* 15: 193-212.

Hersch, Joni. 2005. "Smoking Restrictions as a Self-Control Mechanism." *The Journal of Risk and Uncertainty* 31: 5-21.

Hersch, Joni, Alison F. Del Rossi, and W. Kip Viscusi. 2004. "Voter Preferences and State Regulation of Smoking." *Economic Inquiry* 42: 455-468.

Hitchman, Sara C., Geoffrey T. Fong, Mark P. Zanna, Andrew Hyland, and Maansi Bansal-Travers. 2010. "Support and correlates of support for banning smoking in cars with children: findings from the ITC Four Country Survey." *European Journal of Public Health* 21: 360-365.

Hofmann, Annette and Martin Nell. 2012. "Smoking Bans and the Secondhand Smoking Problem: an economic analysis." *European Journal of Health Economics* 13: 227-236.

Israel, Debra and Emily Richards. 2014. "Second-Hand Smoke Exposure: Public Policy for Public and Private Spaces." Paper presented at Midwest Economics Association Conference AERE session.

Maclean, Johanna Catherine, Douglas A. Webber and Joachim Marti. 2014. "An Application of Unconditional Quantile Regression to Cigarette Taxes." *Journal of Policy Analysis and Management* 33: 188-210.

Nguyen, Hai V. 2013. "Do smoke-free car laws work? Evidence from a quasi-experiment." *Journal of Health Economics* 32: 138-148.

Public Health Law Center. 2014. *Smoking in cars with children legislation: US State*" accessed 8/25/2014 at http://www.publichealthlawcenter.org/sites/default/files/resources/Smoking%20in%20Cars%20with%20Children%20Legislation_revised%20chart%202014.pdf

State Tobacco Activities Tracking and Evaluation System (STATE). *STATE Vehicles Fact Sheet* accessed 9/4/2014 at <http://apps.nccd.cdc.gov/statesystem/Default/Default.aspx>.

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- [Annual symposia](#) for selected early career scientists interested in working across traditional disciplinary boundaries. The goal is to develop international, interdisciplinary collegial networks among scholars likely to become leaders in their chosen fields. Participation at the symposia is limited to 30-34 early career scholars identified by an interdisciplinary committee of research scientists based on review of submitted applications. Use the tabs on the left to learn about past symposium scholars and to view reports from previous symposia.

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MESSAGE RE: THE PACE SURVEY

To the AERE Community:

I'm part of a group of researchers trying to demonstrate support for a resumption of the Census Bureau's Pollution Abatement Costs and Expenditures (PACE) survey. The PACE survey was run annually from 1973 to 1994, before falling victim to budget problems, being collected again only in 1999 and 2005. The PACE survey is the most comprehensive source of data on expenditures related to environmental protection for the United States manufacturing sector. It collects facility-level data on pollution abatement capital expenditures and operating costs associated with compliance to local, state, and federal regulations and voluntary or market-driven pollution abatement activities. The facility-level responses are then aggregated in various ways to provide industry level, state level, and national estimates of pollution abatement costs. The Census Bureau's Center for Economic Studies has enhanced their research value by merging the PACE data with data from the Census of Manufacturers and Annual Survey of Manufacturers.

It looks as though there is now some chance that the PACE Survey may be resumed. Demonstrating a substantial amount of support by researchers would be very helpful in moving the process forward.

Follow [this link](#) to a Petition where you can indicate your support for resuming the PACE Survey:
Thanks for your help with this, and please let me know if you have any questions or suggestions.

Wayne Gray
Professor of Economics
Clark University and Executive Director
Boston Census Research Data Center
wgray@clarku.edu

**NEW PROFESSIONAL MASTER'S
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The Department of Agricultural and Applied Economics at the University of Wisconsin - Madison announces the start of a new, 10-month professional Master's program in *Resource and Energy Demand Analysis* (REDA), to begin in August 2015. The world economy is experiencing a boom in energy and resource conservation programs, and strategies that use next-generation smart technologies to reduce energy demand are a major part of this. REDA is designed to train analytically-capable professionals for careers in this industry. The program includes:

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Graduates will find employment with consulting firms, utilities, public utility commissions and other government agencies, and private firms engaged in the development of resource and energy conservation programs. For more information, visit the program web site at <http://reda.aae.wisc.edu/> or contact Bill Provencher (rwproven@wisc.edu) or Dan Phaneuf (dphaneuf@wisc.edu)

JOB POSTINGS

LINK TO JOBS
www.aere.org/jobs/

ACADEMIC

University of Illinois, Urbana-Champaign, Post-Doctoral Research Fellowship, Department of Agricultural and Consumer Economics [posted May 7, 2015]

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Career Information for Environmental Economists from the Department of Agricultural Economics, **Michigan State University**.

NON-ACADEMIC

- **Resources for the Future**, RFF Postdoctoral Fellow: Energy Sector Quantitative Modeling and Policy Analysis [[posted May 6, 2015](#)]
- **Resources for the Future**, RFF Research Associate: Energy Sector Quantitative Modeling and Policy Analysis [[posted May 6, 2015](#)]

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