Advancing the POLICY Frontier

Seventh Annual Conference and Meeting

Society for Benefit-Cost Analysis

MARCH 18-20, 2015
GEORGE WASHINGTON UNIVERSITY MARVIN CENTER, WASHINGTON, D.C.
The John D. and Catherine T. MacArthur Foundation is pleased to support the Society for Benefit-Cost Analysis as it works to advance the theory and application of benefit-cost analysis in the development of policy. Information about MacArthur’s work in Policy Research, including its Power of Measuring Social Benefits initiative, can be found at www.macfound.org/policy_research.
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For details, contact Cyrus Baghelai, President/CEO: (301) 657-9883 or www.EconometricalInc.com
Dear friends and colleagues,

Welcome to the 2015 Society for Benefit-Cost Analysis Annual Conference and Meeting! We have 40 excellent sessions planned and look forward to exploring many important and interesting issues. The Society continues to flourish and grow thanks to your support.

In addition to the panels, we have many exciting events, including receptions on Wednesday through Friday. At lunch on Thursday we will welcome keynote speaker W. Kip Viscusi of Vanderbilt University, and on Friday we will convene a meeting of our membership. During that meeting, we will discuss our plans for continued growth and hope that you will feel free to contact any of us with your suggestions and ideas.

We are enormously indebted to the members of the 2015 Program Committee, whose numerous hours of hard work make this event such a success:

- Ali Gungor (U.S. Coast Guard)
- Sandra Hoffmann (U.S. Department of Agriculture)
- Anthony Homan (U.S. Department of Transportation)
- Don Kenkel (Cornell University)
- Anne Smith (NERA)
- Jack Wells (U.S. Department of Transportation – retired)

We would also like to thank the John D. and Catherine T. MacArthur Foundation for its continuing and substantial support of the Society and the GW Regulatory Studies Center, Abt Associates and Econometrica, Inc. for helping to sponsor this conference. We also thank our Organizational Affiliates and premium members, who are listed on the following pages.

Thank you very much for your many contributions to the Society, to this conference, and to the field more generally. This year’s conference is our largest conference to date. We hope that we will see you at many future conferences and that you will become a Society member if you have not already done so.

Sincerely,

W. Kip Viscusi
President
Chair, 2015 Program Committee

Susan E. Dudley
Vice President

Lisa A. Robinson
Past President
2015 ORGANIZATIONAL AFFILIATES

PATRON

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University of Kentucky Department of Economics
Vanderbilt University’s Ph.D. Program in Law & Economics
PREMIUM MEMBERS

Ronald Bird
Glenn C. Blomquist
James K. Hammitt
Arnold Harberger
Sandra Hoffmann
Lynn Karoly
John Keiser
Donald S. Kenkel
Kerry Krutilla
Lisa A. Robinson
Fred Sapp
Craig Thornton
W. Kip Viscusi
David L. Weimer
Jack Wells

SAVE THE DATE:
Annual Conference and Meeting
March 16-18, 2016 | Washington, DC
March 15-17, 2017 | Washington, DC
Founded in 2007, the Society is an international organization dedicated to the advancement, exchange of ideas, and research related to benefit-cost analysis (BCA), cost-effectiveness analysis, risk-benefit analysis, applied welfare economic analysis, and damage assessment.

The Society’s primary goals are:

• Bring together individuals from diverse disciplines and from different countries and provide them opportunities to foster collaboration and exchange information, ideas, and methodologies;

• Encourage applications of benefit-cost analysis and applied welfare economics, and promote dialogue between practitioners;

• Facilitate the development and dissemination of knowledge about benefit-cost and applied welfare analysis;

• Develop and update standards of practice; and

• Foster methods to improve communication and consideration of benefit-cost methods and results.

2015 BOARD OF DIRECTORS:

• W. Kip Viscusi, Vanderbilt University, President
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MEMBERSHIP

The Society for Benefit-Cost Analysis has a continuously growing membership working in numerous policy areas, including scholars and practitioners from academia, nonprofits, businesses, and government agencies around the world.

The table below summarizes the 2015 benefits associated with each level of annual organizational and individual participation:

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<th>Benefits</th>
<th>Organizational Affiliates</th>
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<td>Benefactor $7,500/yr</td>
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<td>Supporter $500/yr</td>
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<td>Receive announcements about Society events</td>
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<td>Complimentary digital subscription to Journal of Benefit-Cost Analysis</td>
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<td>Access to member contact information</td>
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<tr>
<td>Eligible to serve on Society's Board of Directors</td>
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<td>Discounted registration for Society's annual conference</td>
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<td>Listing on Society's membership page with link to organization's home page</td>
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<td>Public recognition at all Society events</td>
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To join the SBCA, please visit http://benefitcostanalysis.org/membership.

Membership information and forms will also be available at the conference registration table.
Starting in 2015, the Journal of Benefit-Cost Analysis will be published through Cambridge University Press on behalf of the Society for Benefit-Cost Analysis.

This partnership marks a rebranding of the JBCA in terms of both appearance and reach, reinforcing the journal's position as an authority on analytical practice of benefit-cost analysis. The journal will benefit from online before-print publication on FirstView and improved article functionality and access.

First published in 2010, JBCA uniquely focuses on the theory and practice of benefit-cost analysis and related evaluation methods, publishing theoretical and empirical investigations and case studies.

The inaugural issue with Cambridge has contributions by distinguished scholars with years of policy experience; they cover the social discount rate, dealing with ignorance, uncertainty in regulation, regulation-induced impacts on jobs, and anti-smoking policies. Three articles comprise a symposium on BCA when WTA and WTP differ and findings from behavioral economics.

Editors Glenn C. Blomquist and William H. Hoyt and Managing Editor Mary Kokoski continue with support from an international editorial board. They thank board members, authors, reviewers, the MacArthur Foundation, and all who contribute to growing the JBCA.

EDITORIAL BOARD:
Editors-in-Chief: Glenn Blomquist and William Hoyt (University of Kentucky)
Managing Editor: Mary Kokoski (University of Kentucky)

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- David Salkever (UMBC)
- W. Kip Viscusi (Vanderbilt University)
- David Weimer (University of Wisconsin)
- Richard Zeckhauser (Harvard University)
- Richard Zerbe (University of Washington)
UPCOMING ARTICLES INCLUDE

- “Musings on the Social Discount Rate” by Arnold C. Harberger and Glenn P. Jenkins
- “Grappling with Ignorance: Frameworks from Decision Theory, Lessons from Literature” by Devjani Roy and Richard Zeckhauser
- “Public Policy Induced Changes in Employment: Valuation Issues for Benefit-Cost Analysis” by Robert H. Haveman and David L. Weimer
- “Retrospective and Prospective Benefit-Cost Analysis of US Anti-Smoking Policies” by Lawrence Jin, Don Kenkel, Feng Liu, and Hua Wang
- “Uncertainty in the Cost-Effectiveness of Federal Air Quality Regulations” by Kerry Krutilla, David Good, and John D. Graham
- Symposium on “What Should Be Done in BCA when WTA and WTP Differ?” with articles:
  - “The Curiously Continuing Saga of Choosing the Measure of Welfare Changes” by Jack L. Knetsch
  - “Implications of the WTP – WTA Disparity for Benefit-Cost Analysis” by James K. Hammitt
  - “Reference-Dependence Effects in Benefit Assessment: Beyond the WTA-WTP Dichotomy and WTA-WTP Ratios” by W. Kip Viscusi
SBCA conference participants, consider these numbers:

#1 ranked program in both Nonprofit Management and Environmental Policy and Management

#2 ranked MPA program out of 266

#3 program in both Public Management Administration and Public Finance and Budgeting

#32,000+ alumni

$4.9 million in contracts and grants received in 2014

A large, diverse, and interdisciplinary faculty with more than #85 full-time members, including

Sameeksha Desai
Denvil Duncan
David Good
John D. Graham
Brad Heim
Kerry Krutilla
Ken Richards
Justin Ross
Dan Simon
Kosali Simon

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Conference registration includes all meals (breakfast, break refreshments, lunch, and evening receptions) as well as other activities listed below on March 19 and 20, as well as the opening reception on March 18.

Pre-conference professional development workshops are also offered on March 18, and all workshop attendees are invited to the opening reception. Below, we provide first an overview of the program, then more detailed information on each session.

**Wednesday, March 18**

1:00 – 1:30  Workshop Registration – Milken Institute School of Public Health, First Floor

1:30 – 5:00  Professional Development Workshops

- Workshop 1: Benefit-Cost Analysis in the States: Status, Results First, and Options to Increase Usage among Policymakers (Milken Convening Center A)
  **Organizer:** Darcy White, Pew Charitable Trusts

- Workshop 3: An Overview of Climate Change, Its Impacts and the Social Cost of Carbon (Milken Convening Center B)
  **Organizer:** Elisabeth Gilmore, University of Maryland

- Workshop 5: QALYs in Cost-Effectiveness and Benefit-Cost Analysis (Milken Convening Center C)
  **Organizer:** Scott D. Grosse, U.S. Centers for Disease Control and Prevention (CDC)

- Workshop 6: Retrospective Benefit-Cost Analysis (Milken Classroom 300A)
  **Organizer:** Jennifer Baxter, Industrial Economics, Incorporated

5:00 – 6:30  Opening Reception - Milken Institute School of Public Health, First Floor

**Thursday, March 19**

8:00 – 9:00  Registration and Breakfast – Marvin Center Third Floor Foyer/Grand Ballroom

9:00 – 10:30  Session 1

- B.1: Water Resources Management (Marvin 307)
- C.1: Estimation of Cumulative Benefits and Costs of Regulation Using the “RegData” Database (Marvin 308)
- D.1: Use of BCA in Setting Homeland Security Policy (Marvin 413-414)

10:30 – 10:45  Break - Marvin Center Grand Ballroom (sponsored by Abt Associates)

10:45 – 12:15  Session 2

- A.2: Benefit-Cost Analysis and Health Care: A Conversation with David Cutler and Sherry Glied (Marvin 309)
CONFERENCE SCHEDULE OVERVIEW

• B.2: Decision Tools for Analyzing Uncertain Futures (Marvin 307)
• C.2: Transportation: Program and Project Assessments (Marvin 308)
• D.2: The Nexus between Health Effects Studies and Benefits (Marvin 413-414)
• E.2: Perspectives on Implementing Benefit Cost Analysis in Climate Assessment (Marvin 310)

12:15 – 2:00  Keynote Luncheon - Marvin Center Grand Ballroom


2:00 – 3:30  Session 3

• A.3: Skills for the Next Generation: A Conversation between Senior Government Economists and Public Policy School Leaders (Marvin 309)
• B.3: Assessing Benefits for Policies that Reduce Health Risks (Marvin 307)
• C.3: Development and Miscellaneous Regulatory Issues (Marvin 308)
• D.3: The Valuation of Ecological Goods and Services in Support of Benefit-Cost Analysis (Marvin 413-414)
• E.3: Climate Policy Benefits Issues (Marvin 310)

3:30 – 3:45  Break - Marvin Center Grand Ballroom

3:45 – 5:15  Session 4

• A.4: Estimating the Benefits of Policies that Address Addictive Goods (Marvin 309)
• B.4: Benefits, Costs and Labor Markets (Marvin 307)
• C.4: Benefit-Cost Practices and Discounting Issues (Marvin 308)
• D.4: Electricity Sector Optimization (Marvin 413-414)
• E.4: Non-Market Recreational Welfare Effects of Changes in the Diversity and Abundance of Species (Marvin 310)

5:30 – 8:30  Dinner Reception - Marvin Center Grand Ballroom (sponsored by the MacArthur Foundation)

Friday, March 20

8:00 – 9:00  Registration and Breakfast - Marvin Center Third Floor Foyer/Grand Ballroom

9:00 – 10:30  Session 5

• A.5: Financial Benefits of Remediation (Marvin 309)
• B.5: Economics Frontiers and Benefit-Cost Analysis (Marvin 307)
• C.5: Finance Issues (Marvin 308)
• D.5: Economic Evaluation of Medical Interventions (Marvin 413-414)
• E.5: Methodological Approaches to Benefit-Cost Analysis (Marvin 310)

10:30 – 10:45  Break - Marvin Center Grand Ballroom (sponsored by Econometrica, Inc.)
CONFERENCE SCHEDULE OVERVIEW

10:45 – 12:15  Session 6

- A.6: Valuing Reductions in Morbidity and Mortality (Marvin 309)
- B.6: Food and Water Issues (Marvin 307)
- C.6: Local Policy Issues (Marvin 308)
- D.6: Real Option Value and Federal Offshore Leasing (Marvin 413-414)
- E.6: International Benefit-Cost Analysis Issues (Marvin 310)

12:15 – 2:00  Luncheon featuring Annual Meeting of the SBCA Membership - Marvin Center Grand Ballroom

2:00 – 3:30  Session 7

- A.7: Retrospective BCA of Federal Rules (Marvin 309)
- B.7: Law and Economics Perspectives on Benefit-Cost Analysis (Marvin 307)
- C.7: Preliminary Recommendations from the 2nd Panel on Cost-Effectiveness in Health and Medicine (Marvin 308)
- D.7: Cost-Effective Air Quality Strategies (Marvin 413-414)
- E.7: Valuing Outcomes and Performing BCA for Social Policy Intervention (Marvin 310)

3:30 – 3:45  Break - Marvin Center Grand Ballroom

3:45 – 5:15  Session 8

- A.8: Challenges and Opportunities for Economic Analysis of Risk Regulations (Marvin 309)
- B.8: Retrospective Review of Federal Regulations (Marvin 307)
- C.8: State and Local Benefit-Cost Issues (Marvin 308)
- D.8: Assessing Benefits in Consumer Protection Regulation (Marvin 302)
- E.8: The Effectiveness of Policies Involving Health Warning Labels and Signage: Cigarettes, e-Cigarettes, and Alcohol (Marvin 310)

5:15 – 6:30  Closing Reception - Marvin Center Grand Ballroom (sponsored by George Washington University Regulatory Studies Center)
DETAILED PROGRAM AGENDA
THURSDAY, MARCH 19 - FRIDAY, MARCH 20
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<td>Chair: James Broughel, George Mason University</td>
<td>Chair: Tony Homan, U.S. Department of Transportation</td>
<td>Chair: Stuart Shapiro, Rutgers University</td>
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<td>Joint Effects of Storm Surge and Sea-Level Risk on U.S. Coasts, Lindsey Ludwig* and James Neumann, Industrial Economics; Kerry Emanuel and Sai Ravela, WindRisk Tech and MIT; Paul Kirshen, University of New Hampshire; Kirk Bosma, Woods Hole Group; and Jeremy Martinich, U.S. Environmental Protection Agency</td>
<td>Estimating Industry- and Agency-Specific Cumulative Costs and Benefits with RegData, Antony Davies*, Duquesne University; Patrick McLaughlin</td>
<td>The Aggregate Cost of Regulations: A Structural Estimation of a Tractable Multi-Sector Endogenous Growth Model, Bentley Coffey*, University of South Carolina; Patrick McLaughlin; Pietro Peretto, Duke University</td>
<td>Estimating Benefits of Maritime Safety Training Programs, Ali Gungor*, U.S. Coast Guard</td>
<td>Estimating the Cumulative Impact of Coast Guard Regulations Under Executive Order 13563, Rosemarie Odom*, Paul Large and Ali Gungor, U.S. Coast Guard</td>
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<td><strong>C.2: Transportation:</strong></td>
<td><strong>D.2: The Nexus</strong></td>
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<td>Analysis and Health Care: A Conversation with David Cutler and Sherry Glied</td>
<td>for Analyzing Uncertain Futures</td>
<td>Program and Project Assessments</td>
<td>between Health Effects Studies and Benefits</td>
<td>Perspectives on Implementing Benefit Cost Analysis in Climate Assessment</td>
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<td>Chair: Amber Jessup, U.S. Department of Health and Human Services</td>
<td>Chair: Susan Dudley, The George Washington University</td>
<td>Chair: Douglas Scheffler, U.S. Coast Guard</td>
<td>Chair: Randall Lutter, Resources for the Future and University of Virginia</td>
<td>Chair: Fran Sussman, ICF International</td>
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<td>Sherry Glied, New York University</td>
<td>Tony Cox, Cox Associates</td>
<td>Presentations: Social Welfare Analysis of Investment Public-Private Partnership Approaches for Transportation Projects, R. Richard Geddes*, Omid Rouhani, and H. Oliver Gao, Cornell University; Germà Bel, University of Barcelona</td>
<td>Presentations: On the Importance of Discarded Inter-Maneuver Variance in the Estimation of Benefits from Reduced Exposure to Ambient Air Pollutants, R. Jeffrey Lewis*, ExxonMobil Biomedical Sciences; Richard Belzer, Regulatory Checkbook</td>
<td>Presentations: State of the Literature on Economic Impacts and Adaptation at the Sectoral Level in the U.S., James Neumann*, Industrial Economics; Kenneth Strzepek, Massachusetts Institute of Technology</td>
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<td>Heidi King, GE Capital</td>
<td>Marine Transportation Delays: Lock-Closure Case Study Meta-Analysis, Kathryn Connelly*, Rolling Bay; Michael Trombley, U.S. Coast Guard</td>
<td>Use of Economic Evaluation Methods for Transportation Project Appraisal: Application of a 3-Dimensional Space-Time Framework, Glen Weisbrod*, Economic Development Research Group, Inc.</td>
<td>Improving the Practice of Economic Analysis of Climate Change Adaptation, Jia Li, U.S. Environmental Protection Agency</td>
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<td>Presentations: Public Policy Induced Changes in Employment: Valuation</td>
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<td>Issues for Benefit-Cost Analysis, David Weimer* and Robert Haveman,</td>
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<td>Income Growth, Inequality and Happiness, Richard Zerbe*, University</td>
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<td>The Social and Economic Effects of Wage Violations: Estimates for</td>
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<td>California and New York, Kelly Haverstick*, Calvin Franz, Tess Forsell</td>
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<td>Social Enterprises and the Disadvantaged: The Costs and Benefits of</td>
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<td>Stabilizing Lives through Transitional Employment, Dana Rotz* and</td>
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<td>The Social Discount in Developing Countries, Missaka Warusawitharan$a*</td>
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<td>Does Benefit-Cost Analysis Solve the Right Problem?, Timothy Brennan*</td>
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<td>University of Maryland, Baltimore County</td>
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<td>Formality and Informality in Cost-Benefit Analysis, Amy Sinden*</td>
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<td>Presentations: Analyzing the Costs and Benefits of Microgrids, Brian</td>
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<td>Morrison*, Nadav Tanners, Claire Santoro, and Christopher Smith,</td>
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<td>E.4: Non-Market Recreational Welfare Effects of Changes in the Diversity</td>
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<td>Chair: Trudy Ann Cameron, University of Oregon</td>
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<td>Presentations: A Combined Revealed/Stated Preference Model for</td>
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<td>Projecting the Impact of Aquatic Nuisance Species on Recreational</td>
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<td>Angling in the Great Lakes, Upper Mississippi, and Ohio River Basins,</td>
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<td>Gregory L. Poe*, Cornell University; Richard C. Ready, Pennsylvania</td>
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<td>State University / Montana State University; T. Bruce Lauber, N.A.</td>
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<td>Connelly, R.C Stedman and S. Creamer, Cornell University</td>
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<td>The Value of Water Quality toFishermen in the Chesapeake Bay, Matt</td>
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<td>Massey*, U.S. Environmental Protection Agency; Steve Newbold, U.S.</td>
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<td>Joint Estimation of Revealed and Stated Preference Data from the Alaska</td>
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<td>Saltwater Sportfishing Economic Survey, John C. Whitehead*,</td>
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<td>Appalachian State University, Daniel K. Lew, Alaska Fisheries Science</td>
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<td>The Value to Birders of Species Biodiversity: A Random Utility Model of</td>
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<td>Site Choice by eBird Participants, Sonja Kolstoe* and Trudy Ann</td>
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| Room A - Marvin 309 | A.5: Financial Benefits of Remediation | Chair: Heidi King, GE Capital  
Presentations:  
The Value of Brownfield Remediation, *Lala Ma*, University of Kentucky; Kevin Haninger, U.S. Environmental Protection Agency; Christopher Timmins, Duke University  
The Labor Market Impacts of the 2010 Deepwater Horizon Oil Spill and Offshore Oil Drilling Moratorium, *Joseph E. Aldy*, Harvard Kennedy School  
Welfare Impacts of Labor Market Changes Induced by Regulations, *Ann E. Ferris* and *Alex Marten*, U.S. Environmental Protection Agency  
From Controversy to Consensus: Decommissioning California's Offshore Oil Platforms, *Max Henrion*, Lumina Decision Systems |
| Room B - Marvin 307 | B.5: Economics Frontiers and Benefit-Cost Analysis | Chair: Sandra Hoffmann, U.S. Department of Agriculture  
Presentations:  
WTP or WTA: Determining the Appropriate Measure When Preferences Are Reference Dependent, *Phumist Mahasuweerachai*, Khon Kaen University; *Jack Knetsch*, Simon Fraser University  
Challenges in BCA from Implementing the Many Concepts of Risk and Uncertainty, *Scott Farrow*, University of Maryland, Baltimore County  
A Study in the Use of Game Theory in the Regulatory Process, *Jose Davalos*, U.S. Coast Guard |
| Room C - Marvin 410 | C.5: Finance Issues | Chair: Ali Gungor, U.S. Coast Guard  
Presentations:  
Accounting for Market Distortions in an Integrated Investment Appraisal Framework, *Kemal Bagziboglu*, Eastern Mediterranean University; *Glenn P. Jenkins*, Queen's University/Eastern Mediterranean University; *Octave Semwoga*, Ministry of Finance of Rwanda  
A Review of and Lessons Learned from Federal Research and Development Facility Capital Budgeting Practices, *Vanessa Peña* and *Susanna Howieson*, IDA Science and Technology Policy Institute  
Identifying a Suitable Control Group Based on Microeconomic Theory: The Case of Escrows in the Subprime Market, *Xiaoling Ang* and *Alexei Alexandrov*, Consumer Financial Protection Bureau  
| Room D - Marvin 308 | D.5: Economic Evaluation of Medical Interventions | Chair: Don Kenkel, Cornell University  
Presentations:  
Saving Lives with Stem Cell Transplants, *Damien Sheehan-Connor*, Wesleyan University; *Theodore Bergstrom*, University of California Santa Barbara; *Rodney Garratt*, Federal Reserve Bank of New York  
The Mercatus Center's Regulatory Cost Calculator: A Survey Tool to Capture the Full Opportunity Costs of Regulation, *Jerry Ellig*, George Mason University  
Spatial Analysis in a Benefit-Cost Context, *Erik Gomez* and *Douglas Scheffler*, U.S. Coast Guard  
Multi-Period Benefit-Cost Analysis, *Andrew Schmitz* and *Dwayne J. Haynes*, University of Florida; *Troy G. Schmitz*, Arizona State University |
| Room E - Marvin 310 | E.5: Methodological Approaches to Benefit-Cost Analysis | Chair: Kerry Krutilla, Indiana University  
Presentations:  
The Use of Economic Analysis to Inform Newborn Screening Policy, *Scott D. Grosse*, U.S. Centers for Disease Control and Prevention; *John D. Thompson* and *Michael Glass*, Washington State Department of Health  
A Survey Tool to Capture the Full Opportunity Costs of Regulation, *Jerry Ellig*, George Mason University  
Spatial Analysis in a Benefit-Cost Context, *Erik Gomez* and *Douglas Scheffler*, U.S. Coast Guard  
Multi-Period Benefit-Cost Analysis, *Andrew Schmitz* and *Dwayne J. Haynes*, University of Florida; *Troy G. Schmitz*, Arizona State University |
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<td>9:00 – 10:30</td>
<td>Session 5</td>
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|            |         | Room E – Marvin 310 | of Public Health Laboratories; Scott D. Grosse, Centers for Disease  
|            |         |                    | Control and Prevention; John D. Thompson, Washington State Department of  
|            |         |                    | Health                                                                 |
| 10:45 – 12:15 | Session 6 | Room A – Marvin 309 |  
|            |         | Room B – Marvin 307 |  
|            |         | Room C – Marvin 308 |  
|            |         | Room D – Marvin 413-414 |  
|            |         | Room E – Marvin 310 |  
|            | A.6: Valuing Reductions in Morbidity and Mortality |  
|            |         | Room A – Marvin 309 |  
|            |         | Room B – Marvin 307 |  
|            |         | Room C – Marvin 308 |  
|            |         | Room D – Marvin 413-414 |  
|            |         | Room E – Marvin 310 |  

**Chair:** Joseph E. Aldy, Harvard University  
**Presentations:**  
The Morbidity and Mortality Components of the Value of Statistical Life, Elissa Philip* and W. Kip Viscusi, Vanderbilt University  
Implications for Regulatory Analyses of Different Approaches to Estimating the Value of a Statistical Life, Ines Havet*, Ontario Ministry of the Environment  
Eliciting Fatal and Non-Fatal Risk Trade-Offs: An Experimental Approach Using an Incentivized Learning Experiment, Hugh Metcalf*, Susan Chilton and Jytte Seeted Nielsen, Newcastle University  
Preferences for Life-Expectancy Gains: Sooner or Later? James K. Hammitt* and Tuba Tuncel, Harvard University/ Toulouse School of Economics  

**Chair:** James Neumann, Industrial Economics  
**Discussant:** Linda Abbott, U.S. Department of Agriculture  
**Presentations:**  
Valuing an Ounce of Prevention: the Social Cost-Effectiveness Analysis of Alternative Strategies to Secure Groundwater Quality, Ted Horbulyk*, University of Calgary  
Consumer Valuation of Organic Egg Characteristics and its Implications for Public Policy, Eiza M. Majdusza, U.S. Department of Agriculture  
Benefit Cost Analysis of Water, Smita Bhata*, Spectra Consulting  

**Chair:** Richard Zerbe, University of Washington  
**Discussant:** Stuart Shapiro, Rutgers University  
**Presentations:**  
The Impact of Western Washington University (WWU)'s Tuition Increase on Enrollment and Secondary Markets, Qingqing Sun*, Daniel Ahn and Michael McBride, University of Washington  
The Benefits and Costs of an Earthquake Early Warning System in Washington State, Eli Lieberman* and Andrew Calkins, University of Washington  

**Chair:** Michael Livermore, NYU Institute for Policy Integrity  
**Panelists:**  
Michael Hanemann, UC Berkeley and Arizona State University  
Scott Farrow, University of Maryland, Baltimore County  
Jayni Hein, New York University  
Peter Howard, New York University  

**Chair:** Timothy Brennan, University of Maryland, Baltimore County  
**Discussant:** William McCarten, World Bank - retired  
**Presentations:**  
Should BCA Be Harmonized? Leo Dobes*, Australian National University; George Argyrous, Australia and New Zealand School of Government; Joanne Leung, New Zealand Ministry of Transport  
The Social Cost-Benefit Analysis of Research Infrastructure: An Exploratory Framework, Massimo Florio*, University of Milan; Emanuela Sirtori, CSIL Centre for Industrial Studies  
New Trends in CBA of Public Investments in France, Emile Quinet*, Paris School of Economics-Ecole des Ponts ParisTech
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<td>2:00 – 3:30 Session 7</td>
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<td>E.7: Valuing Outcomes and Performing BCA for Social Policy Intervention</td>
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<td>Chair: Dick Morgenstern, Resources for the Future</td>
<td>Chair: Jack Knetsch, Simon Fraser University</td>
<td>Is Every Regulation Potentially Cost-Benefit Justified?: Methodological Pluralism and the Estimation of Regulatory Benefits, Jason Johnston*, University of Virginia</td>
<td>Chair: Anne Smith, NERA</td>
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| **3:45 – 5:15** | **A.8: Challenges and Opportunities for Economic Analysis of Risk Regulations**
*Chair:* Jennifer Baxter, Industrial Economics, Incorporated

**Panelists:**
- Elizabeth Ashley, U.S. Office of Management and Budget
- Tony Cheesebrough, National Protection and Programs Directorate, U.S. Department of Homeland Security
- Sandra Hoffmann, Economic Research Service, U.S. Department of Agriculture
- Amber Jessup, U.S. Department of Health and Human Services
- Al McGartland, U.S. Environmental Protection Agency
- Clark Nardinelli, U.S. Food and Drug Administration
- Rosemarie Odom, U.S. Coast Guard
- Jack Wells, U.S. Department of Transportation - retired

**Presentations:**

**B.8: Retrospective Review of Federal Regulations**
*Chair:* Maeve Carey, Congressional Research Service

**Discussant:** James Broughel, George Mason University

**Presentations:**
- Ex-Ante Cost-Benefit Analyses of Community-based DRR Interventions in the Caribbean, Meenakshi Jerath* and Juan Pablo Sarmiento, Florida International University

**C.8: State and Local Benefit-Cost Issues**
*Chair:* Ronald Bird, U.S. Chamber of Commerce

**Discussant:** Jerry Ellig, George Mason University

**Presentations:**
- Will New Warning Labels Encourage or Discourage the Use of Electronic Cigarettes? Evidence from Experimental Markets, Don Kenkel*, Cornell University
- What are the Potential Benefits of Graphic Warning Labels? Richard M. Peck* and John A. Tauras, University of Illinois at Chicago
- The Effects of Posted Point-of-Sale Warnings on Alcohol Consumption During Pregnancy and on Birth Outcomes, Gulcan Cil*, University of Oregon
CONFERENCE LOGISTICS:

WIFI ACCESS
Network: GWConnect
See handouts at registration desk for instructions for how to log in via guest access

WORKSHOPS & OPENING RECEPTION
Milken Institute School of Public Health, George Washington University (red dot on the map)
950 New Hampshire Ave NW, Washington, DC 20052

CONFERENCE CENTER
George Washington University Marvin Center (green dot on the map)
800 21st Street NW, Washington, DC 20052

LODGING
One Washington Circle Hotel (blue dot on the map)
One Washington Circle, N.W., Washington, D.C. 20037

METRO ACCESS
Conference events take place within walking distance of the Foggy Bottom Metro Station (noted on the map below)
March 18 Workshops will take place in the Convening Center (marked as 4 above) and the Pre-function space (5 above), as well as in Room 300A on the third floor.
Conference events will take place in the Lobby, Grand Ballroom, and rooms 302, 307, 308, 309, 310 and 413-414 on the Fourth Floor.