2017 Conference Program – Preliminary

Conference registration includes breakfast, break refreshments, lunch, and evening receptions, as well as other activities listed below on March 16 and 17. Pre-conference professional development workshops will also be offered on March 15. Below, we provide first an overview of the program, then more detailed information on each session.

**Please note that the information below is preliminary and subject to change before the conference.**

Wednesday, March 15
8:00 – 9:00  Registration for full-day and morning workshops
9:00 – 12:30  Professional Development Workshops; register at [https://benefitcostanalysis.org/2017-pre-conference-professional-development-workshops](https://benefitcostanalysis.org/2017-pre-conference-professional-development-workshops)

  *Workshop 1*: Retrospective Benefit-Cost Analysis

12:30 – 1:30  Lunch (provided for those registered for both morning and afternoon sessions)
1:00 – 1:30  Afternoon Workshop Registration
1:30 – 5:00  Professional Development Workshops; register at [https://benefitcostanalysis.org/2016-pre-conference-professional-development-workshops](https://benefitcostanalysis.org/2016-pre-conference-professional-development-workshops)

  *Workshop 2*: Using Experts to Estimate Parameter Values in BCA


5:00 – 6:30  Opening Reception (for all registered workshop and conference participants)

Thursday, March 16
8:00 – 9:00  Registration and Breakfast
9:00 – 10:30  Session 1

  *Panel A.1*: Valuing Mortality Risk Reductions in Low- and Middle-Income Countries: Addressing Data Gaps and Inconsistencies (Roundtable)

  *Panel B.1*: Estimating Economic Values: Methods and Applications

  *Panel C.1*: Non-Market Valuation of Environmental Goods using Revealed and Stated Preference Methods

  *Panel D.1*: Strengthening Benefit-Cost Analysis of Early Childhood Interventions through High-Quality, High-Utility Cost Analysis

  *Panel E.1*: Estimating Benefits and Costs of Risk Interventions in Face of Uncertainty

10:30 – 10:45  Break
10:45 – 12:15  **Session 2**

*Panel A.2*: Assessing Approaches to Updating the Social Cost of Carbon (Roundtable)

*Panel B.2*: Evidence-based Policy (Roundtable)

*Panel C.2*: Issues in BCA Applications in Energy and the Environment

*Panel D.2*: Role of CBA in Decision Making in OECD Countries

*Panel E.2*: Applications of Benefit-Cost Analysis in Developing Countries

*Panel F.2*: Risk, Competition, and Procurement Design

12:15 – 2:00  **Luncheon and Keynote Address**

2:00 – 3:30  **Session 3**

*Panel A.3*: International Approaches to Analyzing Benefits and Costs of Chemical Risk Policies (Roundtable)

*Panel B.3*: Value of a Statistical Life: Recent Advances

*Panel C.3*: Issues in BCA of Energy and the Environment

*Panel D.3*: Regulatory Review and Benefit-Cost Analysis in the States (Roundtable)

*Panel E.3*: BCA Applications in Transportation and Infrastructure

*Panel F.3*: Issues in BCA of Research, Development, and Innovation

3:30 – 3:45  **Break**

3:45 – 5:15  **Session 4**

*Panel A.4*: Advice to Policymakers for Interpreting BCA (Roundtable)

*Panel B.4*: Methodological Issues in the Application of BCA

*Panel C.4*: Economic Valuation for Environment and Natural Resource Policy

*Panel D.4*: Application of BCA in Europe: Experiences, Challenges, and the Future

*Panel E.4*: Issues in the Use of Economic Evaluation in Public Sector Decision-making

*Panel F.4*: Considerations in Developing High-Quality BCA Estimates

5:30 – 7:30  **Networking Reception**

**Friday, March 17**

8:00 – 9:00  **Registration and Breakfast**

9:00 – 10:30  **Session 5**

*Panel A.5*: Benefit-Cost Analyses and Food Safety Regulations on Meat, Poultry and Egg Products (Roundtable)

*Panel B.5*: BCA in Political Decision-making

*Panel C.5*: Applications of BCA in Energy and the Environment

*Panel D.5*: Applications of BCA to Jobs and Transfer Programs

*Panel E.5*: Economic Evaluation Applications in Health Care and Public Health

*Panel F.5*: Evaluation and Ex-Post Impact Assessment in the EU – Methodology and Practice
10:30 – 10:45  Break

10:45 – 12:15  Session 6

Panel A.6: Developing a Reference Case for BCA in Low- and Middle-Income Countries (Roundtable/“Listening Session”)
Panel B.6: Issues in Risk, Uncertainty, and Information
Panel C.6: Consequences of Environmental Policies for Employment and Education
Panel D.6: Applications of BCA in International Trade and Economic Development
Panel E.6: Issues in Valuing Costs and Benefits in Health Policy
Panel F.6: Issues and Applications in Benefit-Cost Analysis of Transportation Projects

12:15 – 2:00  Luncheon and Annual Meeting of the SBCA Membership (sponsored by the American Chemistry Council)

2:00 – 3:30  Session 7

Panel A.7: Developing Guidance or Best Practices for Regulatory Impact Analysis (Roundtable)
Panel B.7: Ex Ante and Ex Post Applications of BCA
Panel C.7: Distributional Issues: Applications in Energy and the Environment
Panel D.7: BCA in Economic Development
Panel E.7: Benefits and Costs in the Regulation of Financial Markets in the U.S.

3:30 – 3:45  Break

3:45 – 5:15  Session 8

Panel A.8: Measuring the Effectiveness of Regulations
Panel B.8: Defining the Boundaries for Benefit-Cost Analysis
Panel C.8: Applications in Energy and the Environment
Panel D.8: Issues in Valuing Outcomes in BCAs of Social Programs
Panel E.8: Issues in Costs and Benefits in Agriculture Policy

5:15 – 6:30  Closing Reception (sponsored by the GW Regulatory Studies Center)
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<th>Time</th>
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<tr>
<td>8:00 – 9:00</td>
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<td>9:00 – 12:30</td>
<td><strong>Workshop 1: Retrospective Benefit-Cost Analysis</strong></td>
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<td>Organizer: Jennifer Baxter, Industrial Economics, Incorporated</td>
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<td>12:30 – 1:30</td>
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<td>1:00 – 1:30</td>
<td>Registration for afternoon workshops</td>
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<td>1:30 – 5:00</td>
<td><strong>Workshop 2: Using Experts to Estimate Parameter Values in BCA</strong></td>
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<td>Organizer: Aylin Sertkaya, Eastern Research Group</td>
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<td><strong>Workshop 4: Causal Analytics for Benefit-Cost Analysts: What Effects do Policies Cause?</strong></td>
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<td>Organizer: Tony Cox, Cox Associates</td>
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<td>5:00 – 6:30</td>
<td>Opening Reception (for all registered workshop and conference participants)</td>
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**Thursday, March 16**

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<td></td>
<td>Chair: Lisa A. Robinson, Harvard University</td>
<td>Chair: Frits Bos, CPB Netherlands Bureau for Economic Policy Analysis</td>
<td>Chair: Steve Newbold, U.S. Environmental Protection Agency</td>
<td>Chair: Jonathan Belford, Child Trends</td>
<td>Chair: Elisabeth Gilmore, Clark University</td>
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<td></td>
<td>Maureen Cropper, University of Maryland</td>
<td>Hedonic Vices: Fixing Inferences about Willingness-to-Pay in Recent House-Value Studies</td>
<td>Measuring the Effects of Offshore Wind Projects on Beach Use and Tourism on the East Coast of the United States</td>
<td>Risks and Benefits of Reducing Ozone Exposure after Re-Evaluating Most Recent Chamber Study Data</td>
<td>Discussant: Phaedra Corso, University of Georgia</td>
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<td>James K. Hammitt, Harvard University</td>
<td>Including the Perspective of the Incarcerated Person in Jail CBAs</td>
<td>The Use of Social Media Data for Nonmarket Valuation</td>
<td>Dynamic Cost Analysis of Evidence-Based Family Services in a Randomized Controlled Trial</td>
<td>Presentations: Uncertainty Evaluation in DOT and EPA RIAs of Lifesaving Regulations; David Good* and Kerry Krutilla, Indiana University</td>
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<td>Alan Krupnick, Resources for the Future</td>
<td>Including the Perspective of the Incarcerated Person in Jail CBAs</td>
<td>The Value of Bird Biodiversity to eBiders: Exploring Citizen Science Data using a Recreational Site Choice Model</td>
<td>Efficient and Effective Early Childhood Home Visiting Programs for High Risk Families: A Cost Analysis of Promoting First Relationships</td>
<td>R. Jeffrey Lewis*, ExxonMobil Biomedical Sciences, Inc.; and Richard Belzer, Regulatory Checkbook</td>
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<td>W. Kip Viscusi, Vanderbilt University</td>
<td>Including the Perspective of the Incarcerated Person in Jail CBAs</td>
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## 2017 Conference Program

### Room A – Marvin 309  Room B – Marvin 307  Room C – Marvin 302  Room D – Marvin 301  Room E – Marvin 308  Room F – Marvin 310

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>10:30 – 10:45</td>
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</table>
| 10:45 – 12:15 | Session 2   |                   | A.2: Assessing Approaches to Updating the Social Cost of Carbon (Roundtable)  
**Chairs:** Casey Wichman and Richard Newell, Resources for the Future  
**Panelists:** Max Auffhammer, University of California, Berkeley  
Maureen Cropper, University of Maryland  
Richard Newell, Resources for the Future  
William Pizer, Duke University  
Richard Schmalensee, Massachusetts Institute of Technology  

B.2: Evidence-based Policy (Roundtable)  
**Chair:** Craig Thornton, Mathematica Policy Research  
**Panelists:** Tony Cox, Cox Associates  
Sandy Davis, Bipartisan Policy Center  
Nicholas Hart, Commission on Evidence-Based Policymaking  
Sofie Miller, The George Washington University  
Kathy Stack, Laura and John Arnold Foundation  

C.2: Issues in BCA Applications in Energy and the Environment  
**Chair:** Timothy Brennan, Resources for the Future  

D.2: Role of CBA in Decision Making in OECD Countries  
**Chair:** Fran Sussman, Independent Consultant  
**Discussant:** Charles Griffiths, U.S. Environmental Protection Agency  

E.2: Applications of Benefit-Cost Analysis in Developing Countries  
**Chair:** Michael Toman, World Bank  
**Discussant:** Elisabeth Gilmore, Clark University  

F.2: Risk, Competition, and Procurement Design  
**Chair:** Aylin Sertkaya, Eastern Research Group, Inc.  

| 12:15 – 2:00 | Keynote Luncheon |                   |                                                                         |
### Session 3: 2:00 – 3:30

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**Break**

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<tr>
<td>Chair: Kerry Krutilla, Indiana University</td>
<td>Chair: Lynn Karoly, RAND Corporation</td>
<td>Chair: Robin Jenkins, U.S. Environmental Protection Agency</td>
<td>Chair: Daniel Perez, The George Washington University</td>
<td>Chair: Margaret Kuklinski, University of Washington</td>
<td>Chair: Judy Temple, University of Minnesota</td>
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<td>Randall Lutter, University of Virginia / Resources for the Future</td>
<td>Macroeconomic Effects of Sterilized Intervention; Yuxuan Huang*, The George Washington University</td>
<td>Bad Air Days: On the Valuation of Air Quality Using Different Measures of Subjective Wellbeing; Kate Laffan* and Paul Dolan, London School of Economics</td>
<td>BCA on Health Risks in France; Henrik Andersson*, Toulouse School of Economics, on behalf of Luc Baumstark, University of Lyon</td>
<td>Unbundling Political and Economic Rationality: A Non-Parametric Approach Tested on Spain; Salvador Bertoméu-Sánchez*, ECARES - Université Libre de Bruxelles</td>
<td>Should CBAs Include a Correction for the Marginal Excess Burden?; Frits Bos*, CPB Netherlands Bureau for Economic Policy Analysis</td>
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<td>Al McGartland, U.S. Environmental Protection Agency</td>
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<td>A Benefit-Cost Analysis of the Multiplier Effect; Erik Rose*, Oregon State University</td>
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5:30 – 7:30 Networking Reception
## Session 5

### Room A – Marvin 309

**A.5: Benefit-Cost Analyses and Food Safety Regulations on Meat, Poultry and Egg Products (Roundtable)**

**Chair:** Flora Tsui, U.S. Department of Agriculture

**Panelists:**
- Richa Ajmera, U.S. Department of Agriculture
- Sandra Hoffmann, U.S. Department of Agriculture
- Angelica Marrero, U.S. Department of Agriculture

**Presentations:**
- **Michigan v. EPA and the Inescapable Normative Nature of the Concept of Cost:**
  - Daniele Bertolini*, Ryerson University
- **Cost-Benefit Analysis, Policy Impacts, and Congressional Hearings:**
  - Joseph Ripberger* and Deven Carlson*, University of Oklahoma
- **Analyzing the Effects of the Tarmac Delay Rule: Data and Methodological Challenges:**
  - Deborah Aiken*, U.S. Department of Transportation; Ali Gungor, U.S. Coast Guard; and Rayik Samara, George Mason University

### Room B – Marvin 307

**B.5: BCA in Political Decision-making**

**Chair:** Joe DeVin, Environment & Climate Change Canada

**Discussant:** Ronald Bird, U.S. Chamber of Commerce

**Presentations:**
- **Michigan v. EPA and the Inescapable Normative Nature of the Concept of Cost:**
  - Daniele Bertolini*, Ryerson University
- **Cost-Benefit Analysis, Policy Impacts, and Congressional Hearings:**
  - Joseph Ripberger* and Deven Carlson*, University of Oklahoma
- **Analyzing the Effects of the Tarmac Delay Rule: Data and Methodological Challenges:**
  - Deborah Aiken*, U.S. Department of Transportation; Ali Gungor, U.S. Coast Guard; and Rayik Samara, George Mason University

### Room C – Marvin 302

**C.5: Applications of BCA in Energy and the Environment**

**Chair and Discussant:** Ann Ferris, U.S. Environmental Protection Agency

**Presentations:**
- **National Security Benefits within the Renewable Fuel Standard:**
  - Daniel Perez*, The George Washington University
- **The (r)Evolution of Non-Energy Benefits in Energy Efficiency:**
  - Christopher Chan*, Eversource Energy; Greg Clendenning, NMR Group, Inc; Bruce Tonn, Three3, Inc.; and Beth Hawkins, Three3, Inc.
- **Welfare Impact of Electricity Subsidy Reforms: A Micro Model Study:**
  - Syed Adnan Khalid*, National University of Sciences & Technology

### Room D – Marvin 301

**D.5: Applications of BCA to Jobs and Transfer Programs**

**Chair:** Weston Merrick, Minnesota Management and Budget

**Presentations:**
- **Imagining a Tax System with Universal Basic Income:**
  - Kyle Rozema*, Northwestern University
- **A Benefit-Cost Analysis of a Workforce Development Program for Disconnected Youth:**
  - Mithuana Srinivasan* and Sonam Gupta, Impaq International
- **Evaluating the Iowa's High Quality Jobs Program:**
  - Zhong Jin*, Iowa Department of Revenue
- **Exposing the Costs and Benefits of Family Rewards 2.0:**
  - Timothy Rudd*, MDRC

### Room E – Marvin 308

**E.5: Economic Evaluation Applications in Health Care and Public Health**

**Chair:** Jamison Pike, U.S. Centers for Disease Control and Prevention

**Presentations:**
- **Estimating the Monetary Benefits of Medicare Eligibility for Reducing the Symptoms of Dementia:**
  - Robert Brent*, Fordham University
- **Economic Losses Associated with Oral Problems in the United States - Using the National Health Interview Survey, 2008:**
  - Uma Kelekar*, Marymount University
- **Benefits and Costs of Public Health Actions: Case Studies from CDC's Environmental Public Health Tracking Grantees:**
  - Ying Zhou*, U.S. Centers for Disease Control and Prevention
- **Estimated Savings to Medicaid Obtained by Substituting Electronic for Tobacco-Based Cigarettes:**
  - Richard Belzer*, Regulatory Checkbook

### Room F – Marvin 310

**F.5: Evaluation and Ex-Post Impact Assessment in the EU – Methodology and Practice**

**Chair:** Joseph Cordes, The George Washington University

**Discussant:** Reeve Bull, Administrative Conference of the United States

**Presentations:**
- **Retrospective Evaluation as a Key Component of the EU's Better Regulation Agenda:**
  - Geraldine Emberger*, European Commission
- **The European Parliament’s Scrutiny Toolbox for Transposition and Implementation:**
  - Ingrid Angli, European Parliament
- **Ex-Post Impact Assessment at the European Parliament:**
  - Sten Ramsledt*, European Parliament
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<td><strong>10:45 – 12:15</strong></td>
<td>Session 6</td>
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<td>Chair: James K. Hammitt, Harvard University</td>
<td>Chair: Glenn Blomquist, University of Kentucky</td>
<td>Chair: George Parsons, University of Delaware</td>
<td>Chair: Glenn Jenkins, Queen’s University and Eastern Mediterranean University</td>
<td>Chair: Donald Kenkel, Cornell University</td>
<td>Chair: Douglas Scheffler, U.S. Coast Guard</td>
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<td>Thomas Wilkinson, iDSI</td>
<td>The Value of a Statistical Life: Economics and Politics; Ryan Bosworth*, Utah State University</td>
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<td>Eliciting Individual Preferences for End-of-Life Treatments; Susan Chilton*, Newcastle University</td>
<td>A Tale of Two Cities and Five Benefit-Cost Analyses: Australia’s Inland Rail between Melbourne and Brisbane; David Luskin*, U.S. Department of Transportation</td>
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<td>12:15 – 2:00</td>
<td>Luncheon featuring Annual Meeting of the SBCA Membership</td>
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| 2:00 – 3:30 | A.7: Developing Guidance or Best Practices for Regulatory Impact Analysis (Roundtable)  
Chair: Lisa Robinson, Harvard University  
Panelists:  
Deborah Aiken, U.S. Department of Transportation  
Elizabeth Ashley, U.S. Office of Management and Budget  
Amber Jessup, U.S. Department of Health & Human Services  
Al McGartland, U.S. Environmental Protection Agency  
Clark Nardinelli, U.S. Food and Drug Administration  
| B.7: Ex Ante and Ex Post Applications of BCA  
Chair: Richard Bruns, U.S. Food and Drug Administration  
Discussant: Brian Mannix, The George Washington University  
Presentations:  
Retrospective Benefit-Cost Analysis of Federally-Funded Buyback Programs for Southeast Alaska Salmon Purse Seine Permits; Keith Criddle*, University of Alaska Fairbanks  
Combining Ex Post and Ex Ante Analyses to Assess the Performance of a Historical Biocontrol Program for Difuse Knapweed; Duncan Knowler*, Simon Fraser University  
Benefit-Cost Analysis in Educational Regulatory Actions; Viviana Rodriguez-Andrade*, CBCSE - Columbia University  
| C.7: Distributional Issues: Applications in Energy and the Environment  
Chair: Kelly Maguire, U.S. Environmental Protection Agency  
Presentations:  
Preferences for Equality in Environmental Outcomes; William Raich*, Industrial Economics, Inc.  
Differential and Distributional Effects of Energy Efficiency Surveys: Evidence from Electricity Consumption; Thomas Kniessner*, Claremont Graduate University  
Are There Distributional Impacts from the National Flood Insurance Program?; Okyung Bin*, East Carolina University  
Distributional Weights in Environmental Valuation and Cost-Benefit Analysis; Vaino Nurmi*, Finnish Meteorological Institute  
| D.7: Benefit-Cost Analysis in Economic Development  
Chair: Julian Cristia, Inter-American Development Bank  
Presentations:  
Educational Gender Discrimination and its Economic Developmental Impact; Fatima Ali*  
Access and Quality in Higher Education Project (Paces) - Higher Education Student Loans in Colombia; Felipe Lozano-Rojas*, Indiana University and World Bank  
Gender Impacts in Benefit-Cost Analysis; Bahman Kashi*, Queen’s University; Jennifer Watt and Kamin Peyrow, Queen’s University; Stephanie Schmidt, International Development Group  
Estimating Mortality and Economic Costs of Particulate Air Pollution in Developing Countries: The Case of Nigeria; Natina Yaduma*, American University of Nigeria  
| E.7: Benefits and Costs in the Regulation of Financial Markets  
Chair: Heidi King  
Presentations:  
Benefits and Costs of Bank Regulatory Capital Standards; James R. Barth, Auburn University; and Stephen Miller*, Mercatus Center at George Mason University  
The Systemic Risk Paradox: Costly Regulations and Consolidation in Heterogeneous Financial Markets with Uncertainty; Sharon Brown-Hruska* and Trevor Wagener, NERA Economic Consulting  
Improvements in SEC Economic Analysis since Business Roundtable: A Structured Assessment; Jerry Ellig*, Mercatus Center at George Mason University  
International Trade and the Willingness to Pay by SMEs for Online Banking Services; Glenn Jenkins*, Queen’s University and Eastern Mediterranean University and Parvaneh Shahnoori, Eastern Mediterranean University  
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<td>3:45 – 5:15</td>
<td>B.8: Defining the Boundaries for Benefit-Cost Analysis Chair: John Mendeloff, University of Pittsburgh Presentations: Cost Efficiency of Payment Systems for Forest Carbon Sequestration Incorporating Spatial and Temporal Heterogeneities; Seong-Hoon Cho*, University of Tennessee Ambiguity Aversion and the Expected Cost of Rare Energy Disasters: An Application to Nuclear Power Accidents; Romain Bizet* and François Lévêque, MINES ParisTech The Effect of Water Quality Characterization on Recreation Demand Model Results; William Wheeler*, U.S. Environmental Protection Agency</td>
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<td>3:45 – 5:15</td>
<td>C.8: Applications in Energy and the Environment Chair: Martha Rogers, Brattle Group Presentations: Reducing the Double Counting of Benefits: A Bayesian Approach to Model Multiple Outcomes in Education Evaluations; Yilin Pan*, Columbia University; and Wenjie Joanna Zhang, The George Washington University Private Investments in Public Preschools: the Use of CBA in Determining the Feasibility of Pay-for-Success Contracts; Judy Temple*, University of Minnesota The Impact of Job Satisfaction on Subjective Well-Being; Tapas Ray*, U.S. Centers for Disease Control and Prevention Project Finance through Impact Investment in the Social Sector; Jay Mackinnon* and Bahman Kashi, Limestone Analytics</td>
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**5:15 – 6:30**

Closing Reception *(sponsored by the GW Regulatory Studies Center)*