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**Education:** Ph.D. in Economics, University of California, San Diego, Department of Economics, December 1992. Fields in Econometrics and Natural Resource Economics. Dissertation title: "The Informational Content of Binary Responses." Advisor: Prof. Richard T. Carson.

M.A. in Economics, December 1989.

B.A. in Economics, University of Venice, Italy, November 1987.

**Areas of  
Specialization** Environmental Economics  
Energy Economics  
Econometrics and Statistics

**Experience:**

August 2013 To present Professor, Department of Agricultural and Resource Economics  
University of Maryland, College Park.

July 2002 To July 2013 Associate Professor, Department of Agricultural and Resource Economics  
University of Maryland, College Park.

May 2009 To Dec. 2018 Affiliate Researcher, Centre for Energy Policy and Economics,  
Swiss Federal Institute of Technology (ETH Zurich).

October 2002 To Dec. 2006 Coordinator, Research Programme in Sustainability Indicators and  
Environmental Valuation, Fondazione Eni Enrico Mattei (FEEM), Venice.

January 2000 To June 2002 Assistant Professor, Department of Agricultural and Resource Economics  
University of Maryland, College Park.

August 1995 to December 1999 Assistant Professor, Department of Economics  
University of Colorado, Boulder.

October 1992 to August 1995 Fellow, Quality of the Environment Division  
Resources for the Future, Washington, D.C.

### Articles in Refereed Journals

Alberini, Anna, Jevgenijs Steinbuks, and Govinda Timilsina (2020), “How Valuable is the Reliability of Residential Electricity Supply in Low-Income Countries? Evidence from Nepal,” forthcoming in *The Energy Journal*.

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Alberini, Anna, Valeria di Cosmo, and Andrea Bigano (2019), “How Are Fuel Efficient Cars Priced? Evidence from Eight EU Countries,” *Energy Policy*, 134, November, available at <https://www.sciencedirect.com/science/article/pii/S0301421519305658>.

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Alberini, Anna, Giuseppe Pretico, Chang Shen, and Jacopo Torriti (2019), “Hot Weather and Hourly Residential Electricity Demand in Italy,” *Energy*, 177, 44-56.

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- Patricia Champ, Anna Alberini and Ignacio Correias (2005), "Using Contingent Valuation to Value a Noxious Weeds Control Program: The Effects of Including an Unsure Response Category," *Ecological Economics*, 55(1), 47-60.
- Alberini, Anna, Paolo Rosato, Alberto Longo, Valentina Zanatta (2005), "Information and Willingness to Pay in a Contingent Valuation Study: The Value of S. Erasmo in the Lagoon of Venice," *Journal of Environmental Policy and Management*, 48(2), 155-176.
- Anna Alberini, Alberto Longo, Stefania Tonin, Francesco Trombetta and Margherita Turvani, (2005), "The Role of Liability, Regulation and Economic Incentives in Brownfield Remediation and Redevelopment: Evidence from Surveys of Developers," *Regional Science and Urban Economics*, 35, 327-351.
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- Alberini, Anna and Kathleen Segerson (2002), "Assessing Voluntary Programs to Improve Environmental Quality," *Environmental and Resource Economics*, 22(2), Special Issue: The Practice of Environmental and Resource Economics, 157-184.
- Alberini, Anna and David Austin (2002), "Accidents Waiting to Happen: Liability Policy and Toxic Pollution Releases," *The Review of Economics and Statistics*, 84(4), 729-741

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- Alberini, Anna and Alan Krupnick (2000), "Cost-of-Illness and WTP Estimates of the Benefits of Improved Air Quality: Evidence from Taiwan," *Land Economics*, 76(1), 37-53.
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- Alberini, Anna and John Bartholomew (1999), "The Determinants of Hazardous Waste Disposal Choice: An Empirical Analysis of Halogenated Solvent Waste Shipments," *Contemporary Economic Policy*, 17, 309-320.
- Alberini, Anna and David Austin (1999), "Strict Liability as a Deterrent in Toxic Waste Management: Empirical Evidence from Accident and Spill Data," *Journal of Environmental Economics and Management*, 38(1), 20-48.
- Alberini, Anna and Alan Krupnick (1998), "Air Quality and Episodes of Acute Respiratory Illness in Taiwan Cities: Evidence from Survey Data," *Journal of Urban Economics*, 44, 68-92.
- Alberini, Anna, Barbara Kanninen and Richard T. Carson (1997), "Modeling Response Incentive Effects in Dichotomous Choice Contingent Valuation Data," *Land Economics*, 73(3), 309-324.
- Alberini, Anna, Maureen Cropper, Tsu-Tan Fu, Alan Krupnick, Jin-Tan Liu, Daigee Shaw and Winston Harrington (1997), "Valuing Health Effects of Air Pollution in Developing Countries: The Case of Taiwan," *Journal of Environmental Economics and Management*, 34, 107-126.

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### **Books Edited**

- Alberini, Anna, Paolo Rosato and Margherita Turvani (eds.) (2006), *Valuing Complex Natural Resource Systems: The Case of the Lagoon of Venice*, Cheltenham, U.K.: Edward Elgar Publishing.
- Alberini, Anna, and James Kahn (eds.) (2006), *Handbook on Contingent Valuation*, Cheltenham, U.K.: Edward Elgar Publishing.
- Scarpa, Riccardo and Anna Alberini (eds.) (2005), *Applications of Simulation Methods in Environmental and Resource Economics*, Dordrecht, The Netherlands: Kluwer Academic Publishing.

### **Book Chapters**

- Alberini, Anna, and Aline Chiabai (2008), "Valutazione degli impatti dei cambiamenti climatici sulla salute," in Carlo Carraro (ed.), *Cambiamenti Climatici e Strategie di Adattamento in Italia. Una Valutazione Economica*, Bologna, Italy: Il Mulino.

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### **Monographs and Reports**

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Alberini, Anna (1993), “Optimal Designs for Discrete Choice Contingent Valuation Surveys: Single-bound, Double-bound and Bivariate Models”, Resources for the Future, Discussion Paper QE93-15, Washington, DC.

### **Papers under Review at Refereed Journals**

Alberini, Anna, Christoph M. Rheinberger and Milan Ščasný (2021), “All cancers are not created equal: How do survival prospects affect the WTP to avoid cancer?” submitted to the *Journal of Health Economics*.

Alberini, Anna, Lavan Teja Burra, Cinzia Cirillo, and Chang Shen (2021), “Counting Vehicle-Miles Traveled: What Can we Learn from the NTHS?” revised and resubmitted to *Transportation Research Part D*.

Alberini, Anna, Marco Horvath, and Colin Vance (2021), “Drive Less, Drive Better, or Both? Behavioral Adjustments to Fuel Price Changes in Germany,” submitted to *Resource and Energy Economics*.

### **Draft Papers**

Alberini, Anna, and Milan Ščasný (2021), “What VSL Should Be Used in Heat Wave Adaptation Policies? Evidence from Surveys in Spain and the UK,” University of Maryland, College Park, and Charles University Environment Center, January.

Alberini, Anna, Lavan Teja Burra, Cinzia Cirillo, and Chang Shen (2021), “Counting Vehicle-Miles Traveled: What Can we Learn from the NTHS?” University of Maryland, College Park, January.

Alberini, Anna, and Marco Horvath (2020), “All Car Taxes are Not Created Equal: Evidence from Germany,” University of Maryland, College Park, and RWI, Essen, Germany (September).

Alberini, Anna, Jevgenijs Steinbuks and Govinda Timilsina (2020), “How Valuable are Improvements in Residential Electricity Supply? Evidence from Nepal,” paper prepared

for presentation at the 10<sup>th</sup> annual Empirical Methods in Energy Economics meeting, Zurich, January 2020.

Alberini, Anna, and Marco Horvath (2020), “Cars and CO<sub>2</sub> Emissions Taxes: Evidence from Germany,” paper prepared for presentation at the 10<sup>th</sup> annual Empirical Methods in Energy Economics meeting, Zurich, January 2020.

Alberini, Anna, Olha Khymych, and Milan Ščasný (2019), “The Elusive Effects of Residential Energy Efficiency Improvements: Evidence from Ukraine,” University of Maryland, College Park, March.

Hyland, Marie, Anna Alberini and Sean Lyons (2016), “The Effect of Energy Efficiency Labeling: Bunching and Prices in the Irish Residential Property Market,” College Park, MD, June.

Hyland, Marie, Anna Alberini and Seán Lyons (2015), “Responses to Residential Energy Labelling: Sellers’ Expectations versus Property-market Returns,” Trinity College, Dublin and University of Maryland, College Park, December. Paper submitted to the 2016 EAERE annual meeting, to be held in Zurich, June.

Alberini, Anna, Jim Frehs, and Jay Storfer (2013), “What are the Mortality and Morbidity Benefits of Extreme Heat Response Systems? Evidence from Canada,” paper submitted to the 2013 EAERE annual meeting, Toulouse, University of Maryland, College Park, January.

Alberini, Anna, Will Gans, and Daniel Lopez-Velez (2010), “Residential Consumption of Gas and Electricity in the US: What are the Effects of Prices and Energy-Efficiency Investments?” University of Maryland, College Park, October, available at [http://www.cepe.ethz.ch/education/lunchseminar/Alberini\\_paper.pdf](http://www.cepe.ethz.ch/education/lunchseminar/Alberini_paper.pdf).

Veronesi, Marcella and Anna Alberini (2010), “Extreme Weather Events: Do Families “Keep An Eye” On Children And The Elderly? University of Maryland, College Park, January.

Alberini, Anna, Erin Mastrangelo and Hugh Pitcher (2009), “Climate Change and Human Health: Assessing the Effectiveness of Adaptation to Heat Waves,” paper submitted to and accepted at the EAERE Annual meeting, Amsterdam, June 2009, University of Maryland, College Park: January.

## **Talks and Professional Papers Presented**

### **(i) Invited Talks**

“Drive Less, Drive Better, or Both? Behavioral Adjustments to Fuel Price Changes in Germany,” keynote speech at a plenary session at the International Energy Workshop, Freiburg (virtual), June 2021.

- “Fuel Subsidies and Government Energy Assistance: Evidence from Ukraine,” keynote speech at a parallel session at the 1st Online Conference of the International Association of Energy Economics, Paris (virtual), June 2021.
- “Drive Less, Drive Better, or Both? Behavioral Adjustments to Fuel Price Changes in Germany,” keynote talk at the Florence School of Regulation-EUI Climate Conference, Florence (virtual), November 2020.
- “All Car Taxes are Not Created Equal: Evidence from Germany,” keynote speech at the 76<sup>th</sup> Annual conference of the International Institute of Public Finance, Reykjavik (virtual), August 2020.
- “On the Validity of the Estimates of the VSL from Contingent Valuation,” keynote speech at the 21<sup>st</sup> International Conference on Environmental Economics, Policy and International Environmental Relations, Prague, November 2019.
- “Instruments at Work: Assessing Energy Efficiency Improvements,” presented at the Economics Research Service, US Department of Agriculture, Washington, DC, April 2019.
- “The Effect of Energy Price Changes when Salience is High: Residential Natural Gas Demand in Ukraine,” presented at the Heinz School of Public Policy, Carnegie Mellon University, November 2018.
- “Market and Non-market Valuation in Energy and Environmental Economics,” presented at the GEMCLIME annual meeting, WCERE 2018, Göteborg, Sweden, June 2018.
- “Market and Non-market Valuation in Energy Economics,” keynote speech at the 25<sup>th</sup> Ulvön Conference on Environmental Economics, Ulvön, Sweden, June 2018.
- “Energy and Behaviors: Do Consumers Understand Prices and Energy Efficiency?” keynote speech at the Dual Plenary Session of the 41<sup>st</sup> International Conference of the International Association of Energy Economics, Groningen, Netherlands, June 2018.
- “Response to Extreme Energy Price Changes: Evidence from Ukraine,” presented at the Microeconomics Seminar Series, Policy Research Department, The World Bank, Washington, DC, March 2018.
- “Benefit-Cost Analysis, Non-market Valuation, and Regulatory Tradeoffs,” presented at the *Quantitative Risk Methods in Regulatory Analysis* workshop, Clark School of Engineering, University of Maryland, College Park, MD, May 2017.
- “Household Energy Use, Energy Efficiency, Emissions and Behaviors,” keynote speech at the ECOCEP-Energy and Climate Economic Modeling 18<sup>th</sup> annual conference, Prague, November 2016.
- “Measuring the Economic Value of Chemicals on Ecological System and Human Health,” presented at the OECD-ECHA Workshop on Chemicals, European Chemicals Agency, July 2016.

- “The Benefits of Avoiding Cancer (or Dying from Cancer): Evidence from a Four-country Study,” presented at the European Chemicals Agency (ECHA), Helsinki, June 2015, and at the ECHA workshop on valuation of the health effects of chemicals, Helsinki, January 2016.
- “Information v. Energy Efficiency Incentives: Evidence from Residential Electricity Consumption in Maryland,” presented at the 6<sup>th</sup> Atlantic Workshop on Energy and Environmental Economics: Frontiers in the Economics of Energy Efficiency, Atoxa, Spain, June 2014, KU Leuven, Department of Business, Brussels, December 2014, and Centre for Energy Policy and Economics, ETH-Zurich, March 2014.
- “Free Riding, Upsizing, and Energy Efficiency Incentives in Maryland Homes,” presented at the University College London Energy Institute, London, March 2014.
- “CO<sub>2</sub> Emissions, Fuel Efficiency, and Car Markets,” keynote speech at the 2<sup>nd</sup> annual meeting of the Italian Association of Environmental and Resource Economists, Milan, February 2014.
- “Does the Swiss Car Market Reward Fuel Efficient Cars? Evidence from Hedonics, Matching and a Regression Discontinuity Design,” presented at the Centre for International Environmental Studies, Graduate Institute, Geneva, October 2013; the Economics Department, School of Management, Queen’s University, Belfast, December 2013; and the Economics Department, American University, Washington, DC, February 2014.
- “Energy Efficiency Incentives: Do They Work for Heating and Cooling Equipment? Evidence from Maryland Homeowners,” presented at the Centre for Energy Policy and Economics, ETH Zürich, May 2013.
- “Estimating a Rain Garden Supply Function: Evidence from Maryland Households,” presented at the US Environmental Protection Agency, Washington, DC, November 2012, and EEBEE seminar at Queen’s University, Belfast, January 2013.
- “Energy Efficiency Incentives: Do They Work? Evidence from Maryland Homeowners,” presented at the Economics Department, Queen’s University Belfast, Northern Ireland, March 2012, at the Department of Economics, University of Basel, Switzerland, September 2012, and as a keynote speech at the 1<sup>st</sup> CMCC-FEEM Convention, Venice, Italy, October 2012.
- “Does the Cause of Death Matter? The Effect of Dread, Controllability, Exposure and Latency on the VSL,” presented at ABT, Bethesda, Maryland, November 2011.
- “Repeated Questioning in Choice Experiments: Are We Improving Statistical Efficiency or Getting Respondents Confused?” presented at the International Workshop on Recent Trends in Non-market Valuation, International Center for Climate Governance, FEEM, Venice, November 2011.
- “Smart Meter Devices and the Effect of Feedback on Residential Electricity Consumption: Evidence from a Natural Experiment in Northern Ireland,” presented at Queen’s

University Belfast, June 2011, at the Centre for Energy Policy and Economics, ETH Zurich, October 2011, and at the Inter Development Bank, Washington, D.C., November 2012..

“Energy Efficiency in the Home: What Are the Preferences of Swiss Households,” presented at the ISW Energy Economics Workshop, Queen’s University, Belfast, January 2011.

“Residential Consumption of Gas and Electricity in the US: What are the Effects of Prices and Energy-Efficiency Investments?” presented at the Centre for Energy Policy and Economics, ETH Zurich, October 2010, paper available at [http://www.cepe.ethz.ch/education/lunchseminar/Alberini\\_paper.pdf](http://www.cepe.ethz.ch/education/lunchseminar/Alberini_paper.pdf).

“The VSL for Children and Adults: Evidence from Conjoint Choice Experiments in Italy and the Czech Republic,” presented the Center for Risk Communication Research, University of Maryland, College Park, February 2009, at the OECD VERHI-Children Workshop, Prague, September 2009, and the National Center for Environmental Economics, US Environmental Protection Agency, October 2009.

“Climate Change and Human Health: Assessing the Effectiveness of Adaptation to Heat Waves,” presented at the Economics Department, Università della Svizzera Italiana, Lugano, Switzerland, and ETH Zürich, Switzerland, October 2008.

“Paying for Permanence: Public Preferences for Contaminated Site Cleanup,” presented at the US Environmental Protection Agency, National Center for Environmental Economics, June 2006; FEEM, Venice, May 2006; Harvard Center for Risk Analysis, Harvard School of Public Health, February 2007; Queen’s University, Belfast, Northern Ireland, May 2007; and CEPE-ETH, Zurich, June 2007.

“Important Parameters: What Do the Users Think?,” presented at the workshop ‘Probabilistic Integrated Assessment Modeling: A Workshop on Uncertainty and Learning in IAMs of Climate Change,’ US Environmental Protection Agency, Washington, DC, May 2006.

“Willingness to Pay to Protect Cultural Heritage: Three Case Studies,” presented at the Joint Workshop of ICP Materials Task Force and NEBEI of the UNECE Convention on Long-Range Transboundary Air Pollution, CULT-STRAT and Clean Air For Europe Program on Economic Impacts of Air Pollution on Cultural Heritage, Catania, Sicily, April 2006.

“Adaptive Capacity and the Human Health Effects of Climate Change: Evidence from a Survey of Experts,” presented at the Joint Global Change Research Institute, College Park, April 2006, and ESSIC, University of Maryland, College Park, February 2006.

“Urban Environmental Health and Sensitive Populations: How Much are the Italians Willing to Pay to Reduce their Risks?” presented at Riunione Plenaria FEEM, Desenzano sul Garda, October 2005.

“Climate Change and Adaptation Strategies for Human Health: Project Results,” presented at the workshop “Global Environmental Change: Risks to Human Health?” DG-Research, European Commission, Brussels, June 2005.

- “Valuing Risks to Life and Health: The State of the Art,” Keynote Lecture, annual meeting of the Swiss Society of Economics and Statistics, ETH, Zurich, March 2005.
- “Willingness to Pay for Mortality Risk Reductions: The Effects of Age, Health Status, and Latency,” presented at the Department of Economics, Rice University, October 2004, and at the Department of the Environment, University of York, October 2004.
- “Three-Country Application of Alberini/Krupnick Survey Instrument: Methodology and Results,” presented at the U.K. Department of Environment, Food and Rural Affairs, London, UK, June 2004.
- “Willingness to Pay for Risk Reductions: The Effects of Age, Health Status, and Latency,” Presented at North Carolina State University and Research Triangle Institute, Durham, April 2004.
- “Robustness of VSL Estimates from Contingent Valuation Surveys,” presented at the National Center for Environmental Economics, US Environmental Protection Agency, February 2004.
- “Valuing the Health Effects of Climate Change,” presented at the Workshop on Economic Valuation of Health Effects due to Transport, Swedish National Institute of Public Health, Stockholm, Sweden, June 2003.
- “Willingness to Pay for Future Risk: How Much Does Latency Matter?” presented at the DIEM Health Valuation Workshop in Bergen, Norway, June 2003, and at UC Santa Barbara, October 2003.
- “Valuing the Health Effects of Climate Change,” presented at the cCASHh Workshop on Vector-Borne Diseases and Climate Change, Prague, Czech Republic, June 2003
- “The Role of Liability, Regulation and Economic Incentives in Brownfield Remediation and Redevelopment: Evidence from Survey of Developers,” presented at the School of Architecture, Queen’s University Belfast, Belfast, Northern Ireland, October 2002, and to the Fondazione ENI Enrico Mattei, Venice, Italy, October 2002.
- “Willingness to Pay for Future Risk: How Much does Latency Matter?” presented at the Economics Department, University of Central Florida, Orlando, September 2002.
- “The Effects of Age and Health Status on the Willingness to Pay for Mortality Risk Reductions,” Presented to the Department of Resource Economics and Policy, University of Maine, Orono, October 2001, to the Department of Economics, University of Oregon, Eugene, January 2002, and to the Department of Agricultural and Resource Economics, Oregon State University, Corvallis, February 2002.
- “Age, Health and the Willingness to Pay for Mortality Risk Reduction” Resources for the Future seminar, Washington, DC, February 2001.

- “The Willingness to Pay for Mortality Risk Reductions: A Survey of US Residents,” Presented to the CORILA Conference on Economic Valuation of Environmental Goods, Venice, Italy, 2001.
- “Willingness to Pay for Mortality Risk Reductions: The Robustness of Values from Contingent Valuation Studies,” Presented at the Workshop “Economic Valuation of Mortality Risk Reduction: Assessing the State of the Art for Policy Applications,” organized by the US EPA National Center for Environmental Economics and the US EPA National Center for Environmental Research, Silver Spring, MD, November 2001.
- “What Are Older People Willing to Pay to Reduce Their Risk of Dying?” presented at the Harvard School of Public Health, February 2000
- “Willingness to Pay for Noxious Weeds Control Programs: The Importance of Respondent Information and Uncertainty,” presented at ERS-USDA, January 1999.
- “Environmental Policy Based on Liability: An Empirical Analysis of Spill and Accident Data,” presented to the Department of Agricultural and Resource Economics, University of Maryland, College Park, January 1999.
- “Air Quality and Episodes of Acute Respiratory Illness in Taiwan Cities: Evidence from Survey Data,” presented at the School of Environmental Science and Management, University of California, Santa Barbara, February 1998.
- “Estimating The Health Effects of Air Pollution in Taiwan: Evidence from Survey Data,” presented at the Department of Resource Economics and Policy, University of Maine, Orono, July 1996.
- “Valuing Health Effects of Air Pollution in Developing Countries: The Case of Taiwan,” presented at the Department of Policy Research, the World Bank, Washington, D.C., October, 1994, at Resources for the Future, Washington, D.C., December, 1994; at the Department of Economics, University of Colorado, Boulder, January, 1995; and at the Department of Agricultural Economics, University of California, Berkeley, February 1995.
- “Determinants of Diarrheal Illness in Jakarta,” presented at the Public Economics Division, The World Bank, Washington, D.C. (June 1995) and at Resources for the Future (June, 1995).
- “Determinants of an Emissions Supply Function from Accelerated Vehicle Retirement Programs,” Resources for the Future Seminar Series, Washington, D.C. (November 1993) and presented at North Carolina State University, Raleigh, (April, 1994), University of Maryland, College Park (April, 1994) and University of California, Los Angeles (November, 1994).
- “Methods and Problems with Contingent Valuation Surveys: An Overview” presented at the Final Session of the 1992 Autumn Workshop in Environmental Economics, Venice, Italy, September 1992.

. “Issues in Discrete Choice Estimation for Public and Environmental Goods,” presented at G.R.E.T.A., Venice, Italy, May 1992.

“Efficient Discrete Choice Estimation for Public Goods” presented at Indiana University, Bloomington, IN, February 1992.

“The Informational Content of Discrete Choice Responses,” presented at Cal State Hayward, January 1992; University of Texas, Austin, January 1992; Concordia University and Universite' du Quebec a Montreal, January 1992; SUNY Buffalo, February 1992; Resources for the Future, Washington, D.C., February 1992; College of William and Mary, Williamsburg, VA, February 1992.

## **(ii) Contributed Talks**

“What VSL Should be Used in Heat Wave Adaptation Policies? Evidence from Surveys in Spain and the UK,” presented at the annual EAERE conference (virtual), June 2021.

“Drive Less, Drive Better, or Both? Behavioral Adjustment to Fuel Price Changes in Germany,” presented at the annual AERE conference (virtual), June 2021.

“On the Validity of the Estimates of the VSL from Contingent Valuation: Evidence from the Czech Republic,” presented at a plenary session of the EAERE conference 2020 (virtual conference), June 2020.

“All Car Taxes are Not Created Equal: Evidence from Germany,” presented at EAERE conference 2020 (virtual conference), June 2020.

“On the Validity of the Estimates of the VSL from Contingent Valuation: Evidence from the Czech Republic,” presented at the 2020 AERE virtual conference, June 2020.

“New Car Sales and CO<sub>2</sub> Emissions Taxes: Evidence from Germany,” presented at the 2020 AERE virtual conference, June 2020.

“Estimating Energy Price Elasticities when Salience is High: Residential Natural Gas Demand in Ukraine,” presented at the 42<sup>nd</sup> IAEE International Conference, Montreal, Canada, May 2019, and at the annual EAERE meeting, Manchester, UK, June 2019.

“Is the Fuel Economy of a Vehicle Capitalized in its Price? Evidence from Electric and Hybrid Vehicles in EU Countries,” presented at the 11<sup>th</sup> annual EMEE conference, Milan, Italy, June 2018.

“Response to Extreme Energy Price Changes: Evidence from Ukraine,” presented at the 10<sup>th</sup> annual EMEE workshop, University of Southern California, Los Angeles, June 2017, and at WCERE 2018, Göteborg, Sweden, June 2018.

- “The Effect of Energy Efficiency Labeling: Bunching and Prices in the Irish Residential Property Market,” presented at the 22<sup>nd</sup> annual meeting of the European Association of Environmental and Resource Economists, Zurich, June 2016.
- “The Benefits of Avoiding Cancer (or Dying from Cancer): Evidence from a Four-country Study,” presented at the 21<sup>st</sup> annual meeting of the European Association of Environmental and Resource Economists, Helsinki, June 2015.
- “Free Riding, Upsizing, and Energy Efficiency Incentives in Maryland Homes,” presented at the 5<sup>th</sup> World Congress of Environmental and Resource Economists, Istanbul, July 2014.
- “Does the Swiss Car Market Reward Fuel Efficient Cars? Evidence from Hedonics, Matching and a Regression Discontinuity Design,” presented at the 2<sup>nd</sup> annual CMCC and FEEM Convention, Venice, Italy, October 2013.
- “What are the Mortality and Morbidity Benefits of Extreme Heat Response Systems? Evidence from Canada,” presented at the 20<sup>th</sup> annual meeting of the European Association of Environmental and Resource Economists, Toulouse, June 2013.
- “Energy Efficiency Incentives: Do They Work for Heating and Cooling Equipment? Evidence from Maryland Homeowners,” presented at the 2<sup>nd</sup> Northeast Workshop on Energy Policy and Environmental Economics, Cornell University, Ithaca, NY, May 2013, and at the 6<sup>th</sup> annual Empirical Methods in Energy Economics Workshop, Ottawa, Canada, July 2013..
- “Energy Efficiency Incentives: Do They Work? Evidence from Maryland Homeowners,” presented at the Empirical Methods in Energy Economics annual meeting in Berlin, Germany, June 2012.
- “Energy Efficiency Investments in Swiss Homes: The Effect of Uncertainty and Expectations about Energy Prices,” presented at the Empirical Methods in Energy Economics annual meeting in Dallas, TX, July 2011.
- “Mortality Risk Reductions or Life Expectancy Gains? A Three Country Comparison of Approaches to Mortality Benefits Estimation,” presented at the 18<sup>th</sup> annual EAERE conference, Rome, June 2011.
- “Labels and Perceptions in Mortality Risk Reduction Valuations,” presented at the 4<sup>th</sup> World Congress of Environmental and Resource Economists, Montreal, June 2010.
- “The Benefits of Contaminated Site Cleanup Revisited: The Case of Naples and Caserta, Italy,” presented at the 4<sup>th</sup> World Congress of Environmental and Resource Economists, Montreal, June 2010.
- “The VSL for Children and Adults: Evidence from Conjoint Choice Experiments in Milan, Italy,” presented at the annual EAERE meeting, Amsterdam, June 2009.

- “Mama’s Boy, Daddy’s Girl? The Effect of Parent, Age, and Gender on Child VSL,” presented at the annual EAERE meeting, Amsterdam, June 2009.
- “Climate Change and Human Health: Assessing the Effectiveness of Adaptation to Heat Waves,” presented at the AERE Summer Workshop, Berkeley, CA, June 2008, and at the EAERE Annual meeting, Amsterdam, June 2009.
- “Rates of Time Preference for Saving Lives in the Hazardous Waste Site Context,” presented at the EAERE annual meeting, Thessaloniki, Greece, June 2007.
- “Was It Something I Ate? Implementation of the FDA Seafood HACCP Program,” presented at the 3<sup>rd</sup> World Congress of Environmental and Resource Economists, Kyoto, July 2006.
- “Paying for Permanence: Public Preference for Contaminated Site Cleanup,” presented at the 3<sup>rd</sup> World Congress of Environmental and Resource Economists, Kyoto, July 2006, and the ASSA meetings, Chicago, January 2007.
- “Discount Rates in Risk v. Money and Money v. Money Tradeoffs,” presented at the 3<sup>rd</sup> World Congress of Environmental and Resource Economists, Kyoto, July 2006.
- “The Value of Mortality Risk Reductions in Delhi, India,” presented at the 3<sup>rd</sup> World Congress of Environmental and Resource Economists, Kyoto, July 2006.
- “Attracting Private Investment to Contaminated Properties: The Value of Public Interventions,” presented at the annual APPAM meeting, Washington, DC, November 2005, and at the Southern Economic Association annual meeting, Washington, DC, November 2005.
- “Using Surveys to Compare the Public’s and Decisionmakers’ Preferences for Urban Regeneration: The Case of the Venice Arsenale,” presented at the Conference “Tourism and Sustainable Development,” Chia, Sardinia, September 2005.
- “The Value of a Statistical Life in the Czech Republic: Evidence from a Contingent Valuation Study,” presented at the 2005 EAERE annual meeting, Bremen, June 2005.
- “Adaptive Capacity And The Human Health Effects of Climate Change: Evidence from a Conjoint Choice Survey of Experts,” presented at the 2005 EAERE annual meeting, Bremen, June 2005.
- “Model Misspecification and Endogenous On-site Sampling in the Travel Cost Method,” presented at the 2005 EAERE annual meeting, Bremen, June 2005.
- “The Value of Recreational Sports Fishing in the Lagoon of Venice: Evidence from Actual and Hypothetical Fishing Trips,” presented at the annual EAERE Meeting, Budapest, June 2004.
- “Policies for Cleanup and Reuse of Contaminated Sites: Evidence from a Survey of US Real Estate Developers,” presented at the annual EAERE Meeting, Budapest, June 2004.

- “Willingness to Pay for Reducing Mortality Risks: Evidence from a Three-country Contingent Valuation Survey,” presented at the annual EAERE Meeting, Budapest, June 2004.
- “Robustness of VSL Values from Contingent Valuation Surveys,” presented at the annual EAERE Meeting, Budapest, June 2004.
- “Information and Contingent Valuation: Willingness to Pay for S. Erasmo in the Venice Lagoon,” presented at the SØM Conference on Environment, Information, and Consumer Behavior, Copenhagen, April 2003, and at the EAERE Annual Meeting, Bilbao, June 2003.
- ”The Role of Liability, Regulation and Economic Incentives in Brownfield Remediation and Redevelopment: Evidence from Survey of Developers,” presented at the First IUAV Conference on Brownfields as Opportunities for Sustainable Development, Venice, Italy, February 2003.
- “Determinants of Participation in Voluntary Cleanup Programs: The Case of Colorado,” presented at the First IUAV Conference on Brownfields as Opportunities for Sustainable Development, Venice, Italy, January 2003, and at EAERE Annual Meeting, Bilbao, June 2003.
- “The Effect of Contamination and Cleanup on Commercial and Industrial Properties: The Case of Maryland,” presented at the First IUAV Conference on Brownfields as Opportunities for Sustainable Development, Venice, Italy, January 2003.
- “Liability for Environmental Cleanup: Is Less More? Evidence from Voluntary Cleanup Programs,” presented at the Second World Congress of Environmental and Resource Economists, Monterey, CA, June 2002.
- “The Role of Liability, Regulation and Economic Incentives in Brownfield Remediation and Redevelopment: Evidence from Surveys of Developers in Europe and the US,” presented at the Second World Congress of Environmental and Resource Economists, Monterey, CA, June 2002.
- “Willingness to Pay for Future Risk: How Much does Latency Matter?” presented at the Second World Congress of Environmental and Resource Economists, Monterey, CA, June 2002.
- “The Willingness to Pay for Mortality Risk Reductions in the United States and Canada,” presented to the Summer Workshop on Public Economics and the Environment, National Bureau of Economic Research, Cambridge, MA, July 2001
- “Time and Spatial Patterns in Assessing Hazardous Waste Sites: What Do They Tells Us About Agency Behavior?” presented at the session “Regulation and Asymmetric Information I,” annual meeting of the European Association of Environmental and Resource Economists, Southampton, England, June 2001.
- “Yea-Sayers, Nay-sayers, Or Just Plain Confused? Mixtures of Populations in Contingent Valuation Survey Responses,” presented at the session “Contingent Values,” Annual

meeting of the European Association of Environmental and Resource Economists, Southampton, England, June 2001.

- “Using Contingent Valuation to Value a Noxious Weeds Program: The Effects of Including a 'Not Sure' Response Category”, presented at the AERE session “Data Collection and Modeling in Non-Market Valuation,” AAEA annual meeting, Tampa, Florida, August 2000.
- “Accidents Waiting to Happen: Liability Policy and Toxic Pollution Release,” presented at the session “Compensation for Environmental Damage,” AAEA annual meeting, Tampa, Florida, August 2000.
- “The Effects of Regulation and Substitution between Sources of Pollution: An Empirical Analysis of Florida’s Storage Tanks,” presented at the annual meeting of the European Association of Environmental and Resource Economists, Crete, Greece, June 2000.
- “Analysis of Contingent Valuation Data with Multiple Bids and Response Options Allowing Respondents to Express Uncertainty”, presented at the annual meeting of the European Association of Environmental and Resource Economists, Crete, Greece, June 2000.
- “Environmental Policy Based on Liability: An Empirical Analysis of Spill and Accident Data,” presented to the 74<sup>th</sup> Annual Western Economic Association Conference, San Diego, July 1999, and to the session “Economic Incentives and Hazardous Waste Management” at the Eastern Economics Association annual meeting, Crystal City, VA, March 2000.
- “The Effects of Waste-end Taxes and Liability Laws on Interstate Shipments of Hazardous Waste Materials” (co-authored with Shelby D. Frost), presented to the 74<sup>th</sup> Annual Western Economic Association Conference, San Diego, July 1999, to the CU Environmental and Resource Economics Workshop, July 1999, and to the session entitled “Economic Incentives and Hazardous Waste Management” at the Eastern Economics Association annual meeting, Crystal City, VA, March 2000.
- “Environmental Policy Based on Polluter Financial Responsibility: The Case of Underground Storage Tanks,” presented to the CU Environmental and Resource Economics Workshop, Boulder, CO, July 1999, and at the session entitled “Economic Incentives and Hazardous Waste Management” at the Eastern Economics Association annual meeting, Crystal City, VA, March 2000.
- “What Are Older People Willing to Pay to Reduce Their Risk of Dying?” presented at the AERE session entitled “Valuation of Mortality Risk Reductions” at the ASSA Meetings, Boston, MA, January 2000.
- “Strict Liability as a Deterrent in Toxic Waste Management: Empirical Evidence from Accident and Spill Data,” presented at the 1998 World Congress of Environmental and Resource Economists, Venice, Italy, June 1998.
- “The Determinants of Hazardous Waste Disposal Choice: An Empirical Analysis of Halogenated Solvent Waste Shipments,” presented at the 1998 World Congress of Environmental and Resource Economists, Venice, Italy, June 1998.

- “The Determinants of Hazardous Waste Disposal Choice: An Empirical Analysis of Halogenated Solvent Waste Shipments,” presented at the annual meeting of the American Economic Association, Chicago, January 1998.
- “Mortality Risk Valuation and Stated Preference Methods: An Exploratory Study,” presented at the annual meeting of the Southern Economics Association, Atlanta, GA, November 1997.
- “The Health Benefits of Air Pollution Control in Delhi,” presented at the annual meeting of the *American Agricultural Economics Association*, Toronto, July 1997.
- “Air Pollution and Acute Respiratory Illness: Evidence from Taiwan and Los Angeles,” presented at the annual meeting of the *American Agricultural Economics Association*, Toronto, July 1997.
- “Do Non-Users Have More Preference Uncertainty than Users?,” presented at the W-133 annual meeting, Portland, Oregon, March 1997.
- “Using Multiple-Bounded Questions to Incorporate Preference Uncertainty in Non-market Valuation,” presented at the W-133 annual meeting, Portland, Oregon, March 1997.
- “The Role of Strict, Joint and Several Liability in Toxic Waste Management: Empirical Evidence from Accident and Spill Data,” presented at the session on “Risk and Regulation,” American Economic Association annual meeting, New Orleans, January 1997.
- “Determinants of Reclamation and Disposal of Halogenated Solvents,” presented at the Front Range Environmental and Natural Resource Economics Seminar, September 1996.
- “Fleet Turnover and Old Car Scrap Policies,” presented at the American Economic Association Annual Meeting, San Francisco, January 1996, and at the W-133 Annual Meeting, Jekyll Island, March 1996.
- “Combining Epidemiologic Evidence and Contingent Valuation to Estimate the Benefits of Improved Air Quality: The Case of Taiwan,” presented at the Dept. of Agricultural and Resource Economics, Colorado State University, Fort Collins, November 1995.
- “Open-ended and Dichotomous-choice Contingent Valuation,” presented at the Annual Meeting of the Western Economics Association, San Diego, July 1995.
- “Sensitivity of Multiple-bound Referendum Contingent Valuation Estimates to the Specification of the Underlying Utility,” presented at the Annual W-133 Meeting in Monterey, CA, March 1995.
- “Cross-validation Techniques in Contingent Valuation Data Analysis,” presented at the Annual W-133 Meeting in Monterey, CA, March 1995.

“Valuing Health Effects of Air Pollution in Developing Countries: The Case of Taiwan,” presented at the American Economic Association Annual Meeting in Washington, D.C., January 1995.

“Efficiency Gains from Joint Estimation: When Does a Second Equation Improve Estimation of the First?” presented at the American Agricultural Economics Association Annual Meeting in San Diego, August, 1994.

“Air Quality and the Value of Health in Taiwan,” presented at the Eastern Economic Association Annual Meeting in Boston, March, 1994.

“Efficiency v. Bias of Willingness-to-pay Estimates: Bivariate and Interval Data Models” presented at the W-133 Annual Meeting in Tucson, February, 1994

“Determinants of Participation in Accelerated Vehicle Retirement Programs,” presented at the Eastern Economics Association Meetings, Washington, D.C., March 1993.

### **(iii) Conference and Sessions Organized**

Organizer of a thematic session entitled “The Value of Safety in Context,” thematic session of the EAERE conference 2021 (virtual conference), June 2021.

Organizer of a thematic session entitled “The Value of Safety,” plenary session of the EAERE conference 2020 (virtual conference), June 2020.

Organizer of a thematic session entitled “Changing the Environmental Impacts of Driving: The Effects of Taxes, Subsidies, and Behavioral Intervention,” EAERE conference 2020 (virtual conference), June 2020.

Organizer of the “DC Area Student/Professor Environmental and Energy Economics Workshop” at the University of Maryland, College Park, August 2019.

Organizer of a thematic session entitled “Baby You Can Drive My Car: Environmental Externalities from Automobiles,” 4<sup>th</sup> World Congress of Environmental and Resource Economists, Göteborg, Sweden, June 2018.

Organizer of the 8<sup>th</sup> annual meeting of the Empirical Methods in Energy Economics workshop at the University of Maryland, College Park, July 2015.

### **(iv) Posters**

Alberini, Anna, Andrea Bigano and Marco Boeri (2012), “Free-riding Opportunities: Energy Efficiency Incentives and Italian Homeowners,” poster presented at the 2012 Empirical Methods in Energy Economics meeting, Berlin, June.

Alberini, Anna and Po Yin Wong (2012), “Are Energy Efficiency Renovations Capitalized into Housing Prices? Evidence from the American Housing Survey,” poster presented at the 2012 Empirical Methods in Energy Economics meeting, Berlin, June.

Alberini, Anna and Aline Chiabai (2005), “WTP for Reduction in the Risk of Dying in Heat Waves: Sensitivity to Scope, Age and Health Status,” poster presented at the 2005 EAERE annual meeting, Bremen, June.

Alberini, Anna, Marcella Veronesi and Joseph C. Cooper (2005), “Detecting Starting-point Bias in Dichotomous-choice Contingent Valuation Surveys,” poster presented at the 2005 EAERE annual meeting, Bremen, June.

### Conference Proceedings

Alberini, Anna, Milan Scasny, Marketa Braun Kohlova, and Jan Melichar (2005), “The Value of Statistical Life in the Czech Republic: Evidence from Contingent Valuation Study,” in Milan Scasny and Jan Melichar (eds.), *Rozvoj ceske spolecnosti v Evropske Unii - V. (Development of Czech Society in the European Union - V). Part V - Environment: Non-market Valuation Methods in Environmental Area*. Proceedings from the Conference, Charles University, Prague, 21-23 October 2004, Matfyzpress. ISBN: 80-86732-35-5.

Alberini, Anna (2001), “Willingness to Pay for Mortality Risk Reductions: The Robustness of VSL Figures from Contingent Valuation Studies,” Proceedings of the Workshop “Economic Valuation of Mortality Risk Reductions: Assessing the State of the Art for Policy Applications,” Silver Spring, MD, December, available at [http://yosemite.epa.gov/ee/epa/ermfile.nsf/vwAN/EE-0464-01.pdf/\\$File/EE-0464-01.pdf](http://yosemite.epa.gov/ee/epa/ermfile.nsf/vwAN/EE-0464-01.pdf/$File/EE-0464-01.pdf).

Alberini, Anna and Patricia Champ (1998), “An Approach for Dealing with Uncertain Responses to a Contingent Valuation Question,” in *W-133, Benefit and Cost Transfer in Natural Resource Planning, 10th Interim Report*, Knoxville, TN: University of Tennessee.

Alberini, Anna, Kevin Boyle and Michael Welsh (1997), “Using Multiple-Bounded Questions to Incorporate Preference Uncertainty in Non-market Valuation,” in *W-133, Benefit and Cost Transfer in Natural Resource Planning, 9th Interim Report*, Reno: University of Nevada, Reno.

Alberini, Anna and Joseph Cooper (1995), “Sensitivity of Multiple-Bound Referendum CV Estimates to the Specification of the Underlying Utility,” in *W-133, Benefit and Cost Transfer in Natural Resource Planning, 8th Interim Report*, Davis: University of California, Davis.

### Contracts and Grants

Grant from the Maryland Transportation Institute Faculty Leader Initiative Program for the project entitled “Road Transport and Energy: The Future of Technology, Markets, and Regulations,” \$70,000, with Cinzia Cirillo and Joshua Linn, April 2020-December 2021.

Seed grant from the Maryland Transportation Institute for the project entitled “Developing Analytic Tools for Environmental Policy Analysis: The Case of Household Vehicles, Fuel Economy, and Vehicle-miles Traveled,” \$50,000, with Cinzia Cirillo and James Archsmith, January-December 2020.

European Commission-DG Environment FP-7 grant, Public Health Impacts in Urban Environments of Greenhouse Gas Emissions Reduction Strategies (PURGE), with Fondazione Eni Enrico Mattei (FEEM), FEEM share €214,812.50. Workpackage leader.

Cooperative Agreement with the Economic Research Service, US Department of Agriculture, “The Adoption of GE Corn: Farm Level Effects,” August 2011-September 2012, \$16,000.

Research Contract from the Government of Canada (Policy Research Initiative/Horizons Canada and Health Canada), “Valuing the Mortality and Morbidity Effects of Heat Waves,” 2009-August 2012, \$32,000.

Research Contract from the US Environmental Protection Agency via the Joint Global Change Research Institute, “Assessing the Effectiveness of Heat/Health Watch Systems,” December 2007-December 2011, \$98,125.

Research Contract from the US Environmental Protection Agency via Industrial Economics, “Estimating the Social Benefits of Cleanup Activities by EPA’s Underground Storage Tanks: Two Approaches,” January 2008-June 2009, AREC’s share \$73,606.

Research Grant from the European Commission, Research Directorate-General, “A New Environmental Accounting Framework Using Externality Data and Input-Output Tools for Policy Analysis (EXIOPOL),” in partnership with 37 research institution in and outside of Europe, 2007-2010, total funding €5,000,000 (to be shared among all institutions).\*

Research Grant from the European Commission, Research Directorate-General, “Valuation of Environment-related Health Impacts: Accounting for Differences Across Age, Latency and Risk Categories with a Particular Focus on Children,” in partnership with OECD, University of East Anglia, and Charles University, 2004, total funding €1,000,000.\*

Research Grant from CORILA (Consorzio Ricerche Lagunari, based in Venice, Italy, and affiliated with the Universities of Venice and Padua), “Valutazione Economica degli Interventi di Salvaguardia e Protezione Ambientale nella Laguna di Venezia” (Economic Valuation of Programs for Environmental Protection in the Lagoon of Venice), 2001, total funding €195,000.\*\*

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\* At Fondazione Eni Enrico Mattei (FEEM), Milan and Venice.

\* At Fondazione Eni Enrico Mattei (FEEM), Milan and Venice.

\*\* At the Department of Economics of the University of Venice

- Grant from the National Center for Smart Growth, University of Maryland, "Cleanup and Reuse of Contaminated Sites: A Case Study of Maryland's Voluntary Cleanup Program," 2002, total funding \$19,968, contract period September 2002-June 2003.
- Research Contract with the Fondazione ENI Mattei, Italy, "Public Preferences and Urban Regeneration: Land Use Changes and Aesthetics at the Venice Arsenale," 2002, total funding €74,670, contract period May 2002-June 2004.
- Grant from US Environmental Protection Agency, Star Competition, "Urban Regeneration through Environmental Remediation: Valuing Market-based Incentives for Brownfields Development," 2002, total funding \$277,388, contract period 01/02/02-09/30/03. (University of Maryland share: \$85,000)
- Cooperative Agreement with the US Environmental Protection Agency, "Willingness to Pay for Mortality Risk Reductions: A Re-examination of the Literature," 2001, total funding \$97,864, award period from 10/01/2001 to 12/31/2003.
- Research Contract with CORILA (Consorzio Ricerche Lagunari, based in Venice, Italy, and affiliated with the Universities of Venice and Padua), "Valutazione Economica degli Interventi di Salvaguardia e Protezione Ambientale nella Laguna di Venezia" (Economic Valuation of Programs for Environmental Protection in the Lagoon of Venice), 2001, funding \$12,500.
- Grant from the Joint Institute for Food Safety and Applied Nutrition (JIFSAN), "Monitoring and Compliance Under the Seafood HACCP," 2001, total funding \$30,000. (As the Principal Investigator. Other Investigators: Erik Lichtenberg and Dominic Mancini.)
- Research Contract with the European Commission, "An Analysis of the Preventive Effect of Environmental Liability," 2001, total funding \$50,000. (As the Principal Investigator. Co-principal investigator: David Austin.)
- Grant from the University of Maryland's Experiment Station, "Liability for Environmental Cleanup: Is Less More? An Application to Maryland's and Colorado's Voluntary Cleanup Programs," 2001, total funding \$16,450.
- Cooperative Agreement with the US Department of Agriculture entitled "Modeling Respondent Confidence in the Grassland Birds Survey," 1999, \$20,000.
- Grant from NSF/EPA, 1998-99, to support further research on willingness to pay for mortality risk reductions using the contingent valuation approach, \$273,000. (Principal Investigator: Alan Krupnick; other investigators: Maureen Cropper, Bob Belli and Nathalie Simon.)
- Research Contract with the Regional Air Quality Council, Denver, \$11,000, to examine the cost of alternative strategies for improving visibility in the metro Denver area.
- Cooperative Agreement with the US Forest Service entitled "Valuing Biodiversity: The Issue of Invasive Species," \$25,000.

Grant from NSF/EPA, 1995-96, to support research on the valuation of mortality risk reductions using the contingent valuation approach. (Principal investigator: Alan Krupnick; other investigator: Maureen Cropper.)

Grant from the Office of Exploratory Research of E.P.A., 1995-1996, to support research on ownership and use of older vehicles. (Other investigator: Virginia McConnell).

Grant from the Office of Exploratory Research of E.P.A., 1993-1995, to support research on the health effects of air pollution (using epidemiological data) and the value of reduced morbidity (using contingent valuation survey data). (Other investigators: Alan Krupnick and Maureen Cropper).

Grant from Fondazione E.N.I. Mattei, Milan, Italy, 1993, to support research on the design of contingent valuation surveys.

## **Honors and Awards**

EAERE Fellow, since June 2020.

Best research paper, first semester 2013, awarded to Will Gans, Anna Alberini, and Alberto Longo (2013), “Smart Meter Devices and The Effect of Feedback on Residential Electricity Consumption: Evidence from a Natural Experiment in Northern Ireland,” *Energy Economics*, Volume 36, March 2013, Pages 729-743 and FEEM WP 2011.036, at the 2<sup>nd</sup> Climate Change and Sustainable Development Economics FEEM-CMCC Convention, Venice, 21-23 October 2013

## **Editorships, Editorial Boards, and Reviewing Activities for Journals**

### **(i) Editorial Activities**

Associate Editor, *Energy Efficiency*, September 2019 to present (previously Editorial Board Member of the same Journal, September 2016 to August 2019).

Member of the International Board of Editors, *The Energy Journal*, January 2020 to present.

Member of the International Advisory Board, *Energy Policy*, January 2019 to present.

Editorial Board Member, *Review of Environmental Economics and Policy*, January 2006 to present.

Member of the Scientific Advisory Board, *Environmental and Resource Economics*, June 2004 to present.

Co-Editor, *Journal of Environmental Economics and Management*, January 2001-June 2004.

Associate Editor, *Journal of Environmental Economics and Management*, January 2000-December 2000.

Member of the editorial board, *Journal of Environmental Management*, January 1999-August 2001.

Member of the editorial council, *Journal of Environmental Economics and Management*, January 1998-December 1999.

## **(ii) Refereeing Activities**

Reviewer for *National Tax Journal*, *Transportation Research Part A*, *Transportation Research Part D*, *Journal of Public Economics*, *Energy Economics*, *The Energy Journal*, *Energy Policy*, *Transport Reviews*, *Journal of Risk and Uncertainty*, *Health Economics*, *Applied Economics*, *Journal of Regulatory Economics*, *Global Environmental Change*, *Regional Science and Urban Economics*, *The Energy Journal*, *Journal of Environmental Economics and Management*, *Land Economics*, *American Journal of Agricultural Economics*, *The Journal of Agricultural and Resource Economics*, *The Review of Economics and Statistics*, *The Journal of Human Resources*, *The Journal of Industrial Economics*, *Journal of Environmental Behavior and Organization*, *The Journal of Developing Areas*, *Water Resources Research*, *Journal of Development Economics*, *Forest Science*, *Environmental and Resource Economics*.

## **Teaching and Advising**

### **Courses Taught**

*University of Maryland:*

AREC 623 (Applied Econometrics I) (Fall Semesters 2000-2014; Fall Semester 2017)

AREC 624 (Applied Econometrics II) (Spring Semesters 2000 to 2021)

AREC 454/ECON484 (The Economics of Climate Change) (Spring Semesters 2017 to 2021)

AREC 382 (Computer Applications) (Spring Semesters 2004-2016)

FIRE 151 (First-year Innovation and Research Experience, Sustainability Stream) (Spring Semesters 2015, 2016)

FIRE 251 (First-year Innovation and Research Experience, Sustainability Stream) (Fall Semester 2015)

*University of Colorado:*

ECON7828 (Ph.D.-level Econometrics) (Fall Semesters 1997, 1998, and 1999)

ECON4818 (Undergraduate-level Econometrics) (Fall Semesters 1996, 1997, 1998)

ECON6818 (MA-level Econometrics) (Spring Semester 1997)

ECON4535 (Undergraduate-level Environmental Economics) (Spring Semester 1998)

ECON8535 (Ph.D.-level, Environmental Economics Seminar) (Spring Semesters 1998 and 1999)

ECON6535 (MA-level, Environmental Economics) (Spring Semesters 1996 and 1997)

### **New Courses Developed and Led**

AREC 457 (Energy, Climate Change and Options for a Low-carbon Economy) – also cross-listed as ECON 358 (Short-term Study Abroad course on location in Berlin, Germany, and Venice, Italy, Winter Semesters 2017, 2018, 2019)

### **Special Courses Taught**

Eidgenössische Technische Hochschule Zürich (Swiss Federal Institute of Technology Zurich), Department of Management, Technology and Economics: Empirical Methods in Energy and Environmental Economics, 11-14 January 2010.

Eidgenössische Technische Hochschule Zürich (Swiss Federal Institute of Technology Zurich), Department of Management, Technology and Economics: Empirical Methods in Energy and Environmental Economics, 7-8 October 2008 and 15-16 January 2009.

Vreij Universitaat Amsterdam, Institute for Environmental Studies (IVM), “Choice Modelling of Water Resources Benefits,” 21-24 November 2007.

KVL Royal Veterinarian University, Copenhagen, October 2006, “Discrete Choice Models for Environmental Valuation,” October 2006.

### **Advising: Research Direction**

(i) Undergraduate Honors Thesis Advisor

At the University of Colorado: Heather Allerdice-Gerow (1996), Kyle Evashevsky (1997), Mark Kiolbasa (1998), Matthew Lannon (1999)

At the University of Maryland: Jason Wong (with high honors, 2013)

(ii) Master’s Thesis Advisor

At the University of Colorado: David Mills (1996), Timothy Cipullo (1997), John Bartholomew (1997), Sean Kearns (1998), William Kugel (1999)

## (iii) Master's Thesis Committee Member

At the University of Maryland: Manbar Khadka (AREC, 2009), Robyn Edwards (Landscape Architecture, 2015)

## (iv) Ph.D. Dissertation Advisor

At the University of Colorado: Julio R. Videras (2002), Ignacio Correas and Shelby Frost (2002)

At the University of Maryland: Valerie Mueller (graduated 2005), Habiba Djebbari (co-chair; graduated 2004), Soma Bhattacharya (co-chair; graduated 2006), Marcella Veronesi (co-chair; graduated 2008); Shannon Wilson (co-chair; graduated 2009); Dennis Guignet (graduated 2011); Will Gans (graduated 2012); Trang Tran (graduated 2013); Qing Li, Po Ying Wong (graduated 2015), Mark Miller (graduated 2016), Shirley Pon (graduated 2016), Davide Cerruti (co-chair; graduated 2016), Wenjun Wang (graduated 2018), Guanghui Que (graduated 2019), Tristan Kessler, Chang Shen (graduated 2021), Jose Eguiguren Cosmelli.

## (v) Ph.D. Dissertation Committee Member

At the University of Colorado: Omar Bello (2000)

At the University of Maryland: Cindy Nickerson (AREC, 2000), Marc Fleming (AREC, 2003), Tim Thomas (AREC, 2003), Beomsoo Kim (Economics Department, 2006), Ye Zhang (Economics Department, 2007), Aparajita Goyal (Economics Department, 2008), Yi Jiang (Economics Department, 2008), Sarah Adelman (AREC, 2009), Yabei Zhang (AREC, 2009), Meltem Daysal (Economics Department, 2009), Liangsheng Meng (Economics Department, 2010), David Herberich (AREC, 2010), Diether Bauermann (Economics Department, 2010), Jing Zhang J. (Economics Department, 2011), Renting Xu (Civil Engineering, 2011), Alessandro Orfei (Economics Department, 2012), Geret DePiper (AREC, 2012), Elisabeth Newcomb (AREC, 2012), Adan Martinez Cruz (AREC, 2013), Takahiko Kiso (AREC, 2013), Kabir Malik (AREC, 2013), Sean Sylvia (AREC, 2014), Hei Sing ("Ron") Chan (Economics Department, 2014), Dana Andersen (AREC, 2014), Rowena Rowie Jean-Louise Kirby Straker (Communications, 2014), Pinar Gunes (AREC, 2014), Kanishka Kacker (AREC, 2014), Seth Wechsler (AREC, 2014), Dan Werner (AREC, 2014), Ian B. Page (AREC, 2015), Magda Tsaneva Rumanova (AREC, 2015), Anand Murugesan (AREC, 2015), Rubaba Ali (AREC, 2015), Jaci Evans (AREC, 2016), Martha Caulkins (ECON, 2017), Uttara Balakrishnan (AREC, 2018), Mehrab Bakhtiar (AREC, 2019); Elizabeth Tennant (School of Public Policy, 2019; Dean's Representative); Sepehr Ghader (Civil Engineering, 2019); Jikun Wang (AREC, 2019); Dave Noh (AREC); Raveesh Mayya (Business School, 2020; Dean's Representative), Sabari Rajan Karmegam (Business School, 2020; Dean's Representative), Tihitina Andarge (AREC, 2020), Arijit Sen (School of Public Policy, 2020; Dean's Representative), Jose Funes (Geography Department, 2020; Dean's Representative), Abdullah Alhauili (Business School), Mikhail Lysyakov (Business School, 2021; Dean's Representative), Sahar Hemmati (Business School, Dean's Representative). Jing Liang (School of Public Policy, 2021; Dean's Representative).

(vi) External Examiner

At ETH Zürich: Celine Ramseier (D-MTEC, CEPE-ETH, Switzerland 2013),

At KU Leuven, Belgium: Marieke Francke.

At University College Dublin: Ivan Petrov (PhD in Economics, February 2021)

## **Service**

### **(i) Professional**

Member of the Board of Directors, Association of Environmental and Resource Economists (AERE), January 2000-December 2002.

Chair of the AERE Contributed Papers Selection Committee, January 1999-December 2000.

Member of the AERE Contributed Papers Selection Committee, 1997-98.

### **(ii) for Agencies**

Statistical Advisory Committee to the US Department of Energy, 2015 to present.

US EPA Science Advisory Board, Environmental Economics Advisory Council, December 2003 to December 2009 (two terms).

Panel Review member for the US Environmental Protection Agency (US EPA) Graduate Fellowships (Social Sciences), 1999, 2000, 2001.

Panel Review member for the National Science Foundation (NSF) Environmental Statistics funding competition, 1999.

Reviewer of research proposals for US EPA and National Science Foundation

### **(iii) Department**

Department Appointment, Promotion and Tenure Committee Member (2017-18)

Department Appointment, Promotion and Tenure Committee Member, Chair (2017-18)

Faculty Advisor Committee, academic years 2014-15, 2015-16, 2016-17 (chair in 2016-17).

Chair, Placement Committee, academic years 2006-07, 2007-08, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21.

Undergraduate Advisor, 2006-07, 2009-10, 2010-11.

Search committee, 2010-11, 2016-2017. 2017-2018.

Chair of the Search Committee, 2011-12 and 2012-13.

Seminar Committee, 2010-11, 2012-13.

Director of Graduate Studies, academic year 2004-05.

Member, Graduate Committee, 2002-2005.

Member, Scholarship Committee, 2001-2002.

Member, Graduate Placement Committee, 2001-2004.

**(iv) College**

Member, College Appointment, Promotion and Tenure Committee, 2017-18.

**(v) Mentoring**

Mentor for James Archsmith, Assistant Professor at AREC, 2019-present

Mentor for Mary Zaki, Assistant Professor at AREC, 2017-2019

**Professional Memberships**

American Economics Association, Association of Environmental and Resources Economists, and European Association of Environmental and Resource Economists, International Association for Energy Economics.