

## **Ju-Chin Huang**

Professor

Department of Economics

Peter T. Paul College of Business and Economics

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### **EDUCATION**

Ph.D. (joint) Economics and Statistics, North Carolina State University, 1994.

M. Sc., Economics, North Carolina State University, 1988.

B. S., Agricultural Economics, National Taiwan University, 1985.

### **FIELDS OF INTEREST**

Environmental Valuation

Applied Econometrics

### **POSITIONS HELD**

Visiting Scholar, Institute of Economics, Academia Sinica, Jan-June 2013, June 2014, June 2015, June 2016

Professor, University of New Hampshire, 2011 – present

Advisor, WSBE Exchange Program in Budapest, Hungary, fall 2011

Director of Graduate Studies in Economics, University of New Hampshire, 2008-2010

Visiting Research Economist, National Center for Environmental Economics, EPA, 8/2006-8/2007

Visiting Associate Researcher, Institute of Economics, Academia Sinica, 9/2004-6/2005

Associate Professor, University of New Hampshire, 2001-2011

Assistant Professor, University of New Hampshire, 1998-2001

Assistant Professor, East Carolina University, 1993-1998

Graduate Research Assistant, North Carolina State University, 1986-1993

Research Intern, Resources for the Future, Washington D.C., Summer, 1989

Research Assistant, Statistics Office, Council for Agriculture, Taipei, Republic of China, 1986

Research Assistant, Institute of Economics, Academia Sinica, Taipei, Republic of China, 1985

Summer Research Internship, Information Management Division, Council of Agricultural Development, Taipei, Republic of China, 1984

## HONORS

Outstanding Graduate Teaching Award, Dept. of Economics, University of New Hampshire, 2018  
Graduate Economics Professor of the Year, Dept. of Economics, University of New Hampshire, 2008  
University Faculty Scholar, 2002, 2008  
Outstanding Assistant Professor Award, University of New Hampshire, 2001  
Young Achiever Alumni Award, Department of Agricultural & Resource Economics, North Carolina State University, 2000  
Gamma Sigma Delta, The Honor Society of Agriculture  
Mu Sigma Rho, The National Statistical Honor Society

## BOOK

Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches, John C. Whitehead, Timothy C. Haab, and Ju-Chin Huang, eds., Routledge Explorations in Environmental Economics, Routledge, July 2011. [Co-authored "Preface"; see also four chapters under PUBLICATIONS]

## PUBLICATIONS

### Journal Publications

Mo, Weiwei, Zhongming Lu, Bistra Dilikina, Kevin H. Gardner, Ju-Chin Huang and Maria Christina Foreman, "Sustainable and Resilient Design of Interdependent Water and Energy Systems: A Conceptual Modeling Framework for Tackling Complexities at the Infrastructure-Human-Resource Nexus," Sustainability 10(6), 2018: 1-10.

Wright, Christopher, John Halstead, and Ju-Chin Huang, "Estimating Treatment Effects of Unit-based Pricing of Household Solid Waste Disposal," Agricultural and Resource Economics Review (published online on May 8, 2018, <https://doi.org/10.1017/age.2018.2>).

Zhao, Min Qiang and Ju-Chin Huang, "Welfare Analysis Based on Discrete Choice Models: The Representative Consumer Approximation Bias In the Presence of Nonlinear Income Effects," Environmental and Resource Economics 71, Issue 4, 2018: 969-984.

- Shi, Wei and Ju-Chin Huang, "Correcting On-Site Sampling Bias: A New Method with Application to Recreation Demand Analysis." Land Economics, 94, Issue 3, 2018: 459-474.
- Pyburn, Maria, Kyle Puzacke, John M. Halstead, and Ju-Chin Huang, "Sustaining and Enhancing Local and Organic Agriculture: Assessing Consumer Issues in New Hampshire," Agroecology and Sustainable Food Systems 40, Issue 1, 2016: 69-95.
- Huang, Ju-Chin, Daigee Shaw, Yu-Lan Chien and Min Qiang Zhao, "Valuing Public Goods through Demand for Related Commodities," American Journal of Agricultural Economics 98, Issue 1, 2016: 231-253.
- Huang, Ju-Chin and Min Qiang Zhao, "Model Selection and Misspecification in Discrete Choice Welfare Analysis," Applied Economics 47, Issue 39, 2015: 4153-4167.
- Beaudin, Laura and Ju-Chin Huang, "Weather Conditions and Outdoor Recreation: A Study of New England Ski Areas." Ecological Economics 106, Oct. 2014: 56-68.
- England, Richard W., Min Qiang Zhao, and Ju-Chin Huang, "Impact of Property Taxation on Residential Real Estate Development," Journal of Housing Economics 22, No. 1, March 2013: 45-53.
- Huang, Ju-Chin, John M. Halstead, and Shanna B. Saunders, "Managing Municipal Solid Waste with Unit-Based Pricing: Policy Effects and Responsiveness to Pricing," Land Economics 87, No. 4, November 2011: 645-660.
- Oktem, Mustafa and Ju-Chin Huang "Property Tax Shifting Under Imperfect Competition," Applied Economics Vol. 43, No. 2, 2011: 139-152.
- Huang, Ju-Chin, "Deriving Benefit Measures with Higher Precision: A Study of Economic Values of Air Quality," Land Economics 86, No. 4, November 2010: 727-745.
- Baldwin, Marjorie L., Karen Smith Conway, and Ju-Chin Huang, "Post-Injury Work Outcomes Revisited," Southern Economic Journal 76, No. 1, July 2009: 47-66.
- Huang, Ju-Chin, Douglas W. Nychka, and V. Kerry Smith, "Semi-parametric Discrete Choice Measures of Willingness to Pay," Economics Letters 101, No. 1, Oct. 2008: 91-94.
- Huang, Ju-Chin, P. Joan Poor, and Min Qiang Zhao, "Economic Valuation of Beach Erosion Control," Marine Resource Economics 22, No. 3, 2007: 221-238. [This paper was considered for the annual Dr. S.-Y. Hong Award for Outstanding Article in Marine Resource Economics and was one of the two articles selected for Honorable Mention 2007.]

- Huang, Ju-Chin, "Consumer Perceived Economic Value of Electronic Charts" International Hydrographic Review 5, No. 2, 2004: 37-48.
- Huang, Ju-Chin, Timothy C. Haab and John C. Whitehead, "Risk Valuation in the Presence of Risky Substitutes: An Application to Demand for Seafood," Journal of Agricultural and Applied Economics 36, No. 1, 2004: 213-228.
- Huang, Ju-Chin and V. Kerry Smith, "Monte Carlo Benchmarks for Discrete Response Valuation Methods: Reply" Land Economics 78, No. 4, 2002: 617-623.
- Gibbs, Julie P., John M. Halstead, Kevin P. Boyle, and Ju-Chin Huang, "A Hedonic Analysis of the Effects of Lake Water Clarity on New Hampshire Lakefront Properties," Agricultural and Resource Economics Review 31, No. 1, 2002: 39-46.
- Huang, Ju-Chin and Raymond B. Palmquist, "Environmental Conditions, Reservation Prices, and Time on the Market for Housing," Journal of Real Estate Finance and Economics 22, No. 2/3, 2001: 203-219.
- Huang, Ju-Chin, "Precision of Dichotomous Choice Contingent Valuation Welfare Measures: Some Simulation Results," Applied Economics 33, No. 1, 2001: 91-102.
- Whitehead, John C., Timothy C. Haab, and Ju-Chin Huang, "Measuring Recreation Benefits of Quality Improvements with Revealed and Stated Behavior Data," Resource and Energy Economics 22, No. 4, 2000: 339-354.
- Huang, Ju-Chin and Douglas W. Nychka, "A Nonparametric Multiple Choice Method within the Random Utility Framework," Journal of Econometrics 97, No. 2, 2000: 207-225.
- Huang, Ju-Chin, "Improving the Estimation Precision for a Selected Parameter in Multiple Regression Analysis: An Algebraic Approach," Economics Letters 62, No. 3, 1999: 261-264.
- Haab, Timothy C., Ju-Chin Huang, and John C. Whitehead, "Are Hypothetical Referenda Incentive Compatible? A Comment," Journal of Political Economy 107, No. 1, 1999: 186-196.
- Liu, Shiping, Ju-Chin Huang, and Gregory L. Brown, "Information and Risk Perception: A Dynamic Adjustment Process," Risk Analysis 18, No. 6, 1998: 689-699.
- Huang, Ju-Chin and V. Kerry Smith, "Weak Complementarity and Production," Economics Letters 60, No. 3, 1998: 329-333.

Whitehead, John C., Timothy C. Haab, and Ju-Chin Huang, "Part-Whole Bias in Contingent Valuation: Will Scope Effects be Detected with Inexpensive Survey Methods," Southern Economic Journal 65, No. 1, 1998: 160-168.

Huang, Ju-Chin and V. Kerry Smith, "Monte Carlo Benchmarks for Discrete Response Valuation Methods," Land Economics 74, No. 2, 1998: 186-202.

Whitehead, John C., Glenn C. Blomquist, Richard C. Ready, and Ju-Chin Huang, "Construct Validity of Dichotomous and Polychotomous Choice Contingent Valuation Questions," Environmental and Resource Economics 11, No. 1, 1998: 107-116.

Huang, Ju-Chin, Timothy C. Haab, and John C. Whitehead, "Willingness to Pay for Quality Improvements: Should Revealed and Stated Preference Data be Combined?" Journal of Environmental Economics and Management 34, No. 3, 1997: 240-255.

Smith, V. Kerry and Ju-Chin Huang, "Can Markets Value Air Quality? A Meta-Analysis of Hedonic Property Value Models," Journal of Political Economy 103, No. 1, 1995: 209-227. [Reprinted as a book chapter in Valuing Environment and Natural Resources, Chapter 19, Vol. II, K. G. Willis and G. Garrod, eds, Edward Elgar Publishing, July, 2012]

Smith, V. Kerry and Ju-Chin Huang, "Hedonic Models and Air Pollution: Twenty-Five Years and Counting," Environmental and Resource Economics 3, No. 4, 1993: 381-394. [Reprinted as a book chapter in Estimating Economic Values for Nature, Methods for Non-Market Valuation, Chapter 18, Australia: Ashgate-Dower Asia Pacific Ltd, June, 1996]

### **Book Chapters (Original)**

Wright, Christopher, John M. Halstead, and Ju-Chin Huang. "Household Preferences for Alternative Trash and Recycling Services in Small Towns: Is Single Stream the Future of Rural Recycling?" in Handbook on Waste Management, Chapter 5, Thomas C. Kinnaman and Kenji Takeuchi, eds., Edward Elgar, May 2014.

Whitehead, John C., Timothy C. Haab, and Ju-Chin Huang, "Introduction," in Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches, Chapter 1, John C. Whitehead, Timothy C. Haab, and Ju-Chin Huang, eds., Routledge Explorations in Environmental Economics, Routledge, 2011.

Huang, Ju-Chin, "Combining Dichotomous Choice Willingness-to-Pay Response and Recreation Demand Data," in Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches, Chapter 5, John C. Whitehead,

Timothy C. Haab, and Ju-Chin Huang, eds., Routledge Explorations in Environmental Economics, Routledge, 2011.

Huang, Ju-Chin, George R. Parsons, P. Joan Poor and Min Qiang Zhao, "Combined Conjoint-Travel Cost Demand Model for Measuring the Impact of Erosion and Erosion Control Programs on Beach Recreation," in Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches, Chapter 9, John C. Whitehead, Timothy C. Haab, and Ju-Chin Huang, eds., Routledge Explorations in Environmental Economics, Routledge, 2011. [Earlier version included in the Proceedings, EPA Workshop on Valuation for Environmental Policy, 2007, [http://yosemite.epa.gov/ee/epa/erm.nsf/vwAN/EE-0505-02.pdf/\\$file/EE-0505-02.pdf](http://yosemite.epa.gov/ee/epa/erm.nsf/vwAN/EE-0505-02.pdf/$file/EE-0505-02.pdf).]

Whitehead, John C., Timothy C. Haab, and Ju-Chin Huang, "Conclusions and Future Research," in Preference Data for Environmental Valuation: Combining Revealed and Stated Approaches, Chapter 21, John C. Whitehead, Timothy C. Haab, and Ju-Chin Huang, eds., Routledge Explorations in Environmental Economics, Routledge, 2011.

#### **Other Publications ( Notes and Magazines )**

England, Richard W. and Ju-Chin Huang, "Property Taxation, Local Zoning, and Metropolitan Density," State Tax Notes 51, No. 4, 2009: 279-280.

Halstead, John M., Ju-Chin Huang, and Shanna B. Saunders, "Analyzing Unit Pricing of Waste Management Using Treatment Effects Models," International Advances in Economic Research 13, No. 3, 2007: 401-402, refereed research note.

Huang, Ju-Chin, "The Era of Electronic Navigation" Fog Horn, The official Publication of The Passenger Vessel Association, Vol. 2, No. 3, 2002: 22-25.

#### **WORKING PAPERS**

Huang, Ju-Chin and Min Qiang Zhao, "Hedonic Price Method under Imperfect Competition."

Werner, Samantha L., Scott R. Lemos, Amanda McLeod, Wei Shi, Lily Harris, John M. Halstead, Ju-Chin Huang, Maria Pyburn, James McConnon, Todd Gabe, and Kathleen Liang "Prospects for New England Agriculture: Farm to Fork."

Shi, Wei, John Halstead, and Ju-Chin Huang, "Consumers' Willingness to Pay for Locally Grown Produce: Comparison of New Hampshire and Massachusetts Results."

Shi, Wei, John Halstead, and Ju-Chin Huang, “Market Experience Matters: Status Quo Effect in the Economic Valuation of Consumer Preferences for Local Produce”

## **EXTERNAL FUNDING**

USDA (\$499,833), “The economics and spatial ecology of managing invasive plants in forests with heterogeneous landownerships” Co-PI, in collaboration with Shadi Atallah (PI), Jenica Allan (Co-PI), Mark Ducey (Co-PI) and Tom Lee (Co-PI) at UNH, April 2017 – April 2020.

National Science Foundation (\$252,938 UNH portion, \$499,875 in total), “Sustainable and Resilient Design of Interdependent Water and Energy Systems at the Infrastructure-Human-Resource Nexus” Co-PI, in collaboration with Weiwei Mo (PI) and Kevin Gardner (Co-PI) at UNH, Bistra Dilkina (PI) at Georgia Technology Institute, and Zhongming Lu at Beijing Normal University, Sept. 1, 2016 – August 31, 2019 (estimated).

National Science Foundation (\$61,441 UNH portion, \$533,461 in total), “Sediment Supply in a Regime of Accelerated Coastal Erosion (SedS-RACE): Paleo-Perspectives, Anthropogenic Influences and Future Challenges,” PI, in collaboration with Christopher Hein (PI) at Virginia Institute of Marine Science and Peter Rosen (PI) at Northeastern University, Sept. 1, 2013 – Aug. 31, 2016.

Lincoln Institute of Land Policy (\$10,000), “Property Taxation and Residential Density,” served as a researcher under the principal investigator Richard England, 2007-2009.

Joint Hydrographic Center, National Oceanic and Atmospheric Administration and University of New Hampshire (\$14,500), “Economic Valuation of Hydrographic Charting,” PI, 2001-2002.

Sea Grant, National Oceanic and Atmospheric Administration (\$150,000), “Economic Valuation of Beach Erosion Control and Benefit Transfers,” PI, 2001-2003.

Sea Grant, National Oceanic and Atmospheric Administration, Project Development Fund (\$9,950), “Beach Erosion Control in New Hampshire and Maine,” PI, 2000.

## **TEACHING**

Corvinus University of Budapest 2011  
Environmental Economics

University of New Hampshire, 1998-present

Mathematical Economics (Graduate)  
Econometrics (1 Undergraduate and 2 Graduate levels)  
Environmental Valuation (Graduate)  
Intermediate Microeconomics  
Principles of Economics – Micro  
Research Skills (Graduate)

East Carolina University, 1993-1998

Econometrics (1 Undergraduate and 1 Graduate levels)  
Environmental Economics  
Intermediate Microeconomics  
Introduction to Econometrics  
Principles of Microeconomics  
Resource Economics

North Carolina State University, Instructor, 1992

Intermediate Microeconomics

North Carolina State University, Teaching Assistant, 1986-1991

Responsible for Grading Homework and Tests, and Conducting Review Sessions  
Graduate level: Microeconomics, Intermediate Econometrics, Mathematics for  
Economists  
Undergraduate level: Intermediate Microeconomics, Economics and Business  
Statistics

## **MEMBERSHIPS**

Agricultural and Applied Economics Association  
American Economic Association  
Association of Environmental and Resource Economists  
Chinese Economic Association in North America  
Northeastern Agricultural and Resource Economics Association

## **SEMINARS**

Jinan University, Institute for Economic and Social Research, “Correcting On-Site  
Sampling Bias: A New Method with Application to Recreation Demand Analysis”  
Guangzhou, China, May 25, 2017.

University of New Hampshire, Department of Economics, "Hedonic Method under  
Imperfect Competition." Nov. 4, 2016.

- Academia Sinica, Institute of Economics, (General Economics Seminar Series)  
"Alternative Empirical Strategies to Correct On-site Sampling Bias with An  
Application to Recreation Demand Analysis," Taipei, Taiwan, May 24, 2016.
- National Taiwan University, Department of Agricultural Economics, "Hedonic Method  
under Imperfect Competition," Taipei, Taiwan, May 20, 2016.
- Academia Sinica, Institute of Economics, (General Economics Seminar Series) "Hedonic  
Prices, Taxation, and Imperfect Competition," Taipei, Taiwan, June 26, 2015.
- Academia Sinica, Institute of Economics, (General Economics Seminar Series) "Valuing  
Public Goods through Demand for Related Commodities," Taipei, Taiwan, May 28,  
2013.
- National Central University, Graduate Institute of Industrial Economics, "Has Climate  
Change Affected Outdoor Recreation Industries? A Study of the US New England  
Ski Resorts," ChungLi, Taiwan, May 7, 2013.
- Academia Sinica, Institute of Economics (Joint Economics and Statistics Brown Bag  
Seminar Series) "A Conjoint Analysis of Household Preferences for Alternative  
Trash and Recycling Services," Taipei, Taiwan, May 3, 2013.
- University of New Hampshire, Department of Economics, "Non-market Valuation via  
Analysis of the Quality Related Good: Theory and Empirics." Feb. 4, 2011.
- University of New Hampshire, Department of Economics, "Property Taxation and  
Residential Density: Theory and Empirics," co-presented with Richard England,  
Feb. 12, 2010.
- University of New Hampshire, Whittemore School of Business and Economics, "Cross-  
commodity Health Risk Effects: Individual Demand for Seafood, Meat, and  
Poultry," Nov. 10, 2009.
- University of New Hampshire, Department of Economics, "Deriving Benefit Measures  
with Higher Precision: A Study of Economic Values of Air Quality," Oct. 30, 2009.
- Bates College, Department of Economics, "Cross-commodity Risk Effects on Individual  
Consumption of Seafood, Meat, and Poultry," Lewiston, Maine, Oct. 15, 2009.
- University of New Hampshire, Department of Economics, "Solid Waste Management with  
Unit Based Pricing: Policy Endogeneity and Price Sensitivity," co-presented with  
John M. Halstead, Oct. 25, 2007.
- U.S. Environmental Protection Agency, National Center for Environmental Economics,

- Brownbag Series, "Solid Waste Management with Unit-Based Pricing: Policy Endogeneity and Price Sensitivity," Washington DC, May 30, 2007.
- U.S. Environmental Protection Agency, National Center for Environmental Economics, Brownbag Series, "A Combined Conjoint-Travel Cost Demand Model for Measuring the Impact of Erosion and Erosion Control Programs on Beach Recreation," National Center for Environmental Economics, Washington DC, January 17, 2007.
- U.S. Environmental Protection Agency, National Center for Environmental Economics, Special Presentation, "Deriving Benefit Measures with Higher Precision: A Study of Economic Values of Air Quality," Washington DC, December 14, 2006.
- University of New Hampshire, Department of Economics, "Theoretically Consistent Willingness to Pay for Environmental Quality: Valuing Water Quality in Taiwan," April 14, 2006.
- University of Delaware, Joint Seminar of College of Marine Studies and Department of Food and Resource Economics, "Economic Valuation of Multi-Attribute Beach Erosion Control Programs," March 16, 2006.
- U.S. Environmental Protection Agency, National Center for Environmental Economics, "Theoretically Consistent Benefit Measures of Environmental Quality," Washington DC, January 24, 2006.
- U.S. Department of Agriculture, Economic Research Service, "Theoretically Consistent Benefit Measures of Environmental Quality," Washington DC, January 23, 2006.
- Chon Buk National University, "A Review of the US Government Effort to Improve Food Safety, and A Study of Cross-commodity Risk Effects on Individual Consumption of Seafood, Meat, and Poultry, Jeon Ju, South Korea, June 9, 2005.
- Academia Sinica, Institute of Economics, (General Economics Seminar Series) "Improving Precision of Benefit Measures with Ridge Estimators: An Application to Economic Values of Air Quality," Taipei, Taiwan, June 7, 2005.
- National Taiwan University, Department of Agricultural Economics, "Economic Valuation of Multi-attribute Beach Erosion Control Programs," Taipei, Taiwan, May 27, 2005.
- National Cultural University, Department of Economics, "Welfare Measurement with Individual Heterogeneity: Economic Valuation of Beach Erosion Control Programs," Taipei, Taiwan, March 15, 2005.
- Academia Sinica, Institute of Economics, (Environmental Economics Seminar Series)

- "Exact Welfare Measures for a Policy Ban," Taipei, Taiwan, March 4, 2005.
- Academia Sinica, Institute of Economics, (General Economics Seminar Series) "Welfare Measurement with Individual Heterogeneity: Economic Valuation of Beach Erosion Control Programs," Taipei, Taiwan, Jan. 25, 2005.
- National Taiwan University, Department of Economics, "Welfare Measurement with Individual Heterogeneity: Economic Valuation of Multi-attribute Beach Erosion Control Programs," Taipei, Taiwan, Dec. 9, 2004.
- National Taiwan Ocean University, Department of Marine Resource Management, "Recreation Values of Beach Erosion Control," Keelung, Taiwan, Dec. 7, 2004.
- Academia Sinica, Institute of Economics, (Environmental Economics Seminar Series) "Combining Conjoint Design and Travel Cost Model: Economic Values of Multi-attribute Beach Erosion Control Programs," Taipei, Taiwan, Oct. 15, 2004.
- University of New Hampshire, Department of Economics, "Economic Value of Beach Erosion Control," April 12, 2002.
- Industrial Economics, Inc., "Choice Based Conjoint Analysis of Beach Erosion Control Programs," March 19, 2002.
- North Carolina State University, Department of Agricultural and Resource Economics, "Absolute versus Relative Risk Perception: An Application to Seafood Safety," September 14, 2000.
- University of New Hampshire, Department of Economics, "Absolute versus Relative Risk Perception: An Application to Seafood Safety," February 4, 2000.
- University of Maine, Orono, Department of Resource Economics and Policy, "Environmental Conditions, Reservation Prices, and Time on the Market for Housing," October, 1998.
- University of New Hampshire, Department of Economics, "Modeling Market Duration and Reservation Price: Impact of Highway Noise on Property Values and Time to Sale," September, 1998.
- University of New Hampshire, Department of Economics, "A Nonparametric Multiple Choice Method within the Random Utility Framework," March 6, 1998.
- Emory University, Department of Economics, "Parametric and Non-parametric Discrete Choice Measures of Willingness to Pay: A Monte Carlo Evaluation," January 23, 1998.

University of Nevada, Reno, Department of Applied Economics and Statistics, "Modeling Market Duration and Reservation Price: Impact of Highway Noise on Property Values," November 23, 1997.

East Carolina University, Department of Economics, "Modeling Market Duration and Reservation Price: Impact of Highway Noise on Property Values," November 19, 1997.

East Carolina University, Department of Economics, "A Nonparametric Multiple Choice Method in the Random Utility Framework," November 1, 1996.

North Carolina State University, Department of Economics, "Nonparametric Discrete Choice Methods for Nonmarket Valuation," April 8, 1996.

East Carolina University, Department of Economics, "Handling Multicollinearity: New Estimates of Marginal Benefits in Property Value Studies," November 1, 1995.

Iowa State University, Department of Economics, "Nonmarket Valuation: Does the Nature of the Nonmarket Good Matter?" May 9, 1995.

East Carolina University, Department of Economics, "Modeling Consumer Demand Adjustment with Lack of Trust," Oct. 26, 1994.

Woods Hole Oceanographic Institution, Marine Policy Center (Woods Hole, MA), "Using Discrete Choice Methods to Recover Valuation Estimates: When Do Parametric Methods Fail?" March 5, 1993.

University of Victoria, Department of Economics (Victoria, B.C., Canada), "Using Discrete Choice Methods to Recover Valuation Estimates: When Do Parametric Methods Fail?" February, 1993.

East Carolina University, Department of Economics, "Using Discrete Choice Methods to Recover Valuation Estimates: When Do Parametric Methods Fail?" February, 1993.

North Carolina State University, Department of Economics, "Using Discrete Choice Methods to Recover Valuation Estimates: When Do Parametric Methods Fail?" Nov. 17, 1992.

## **CONFERENCE AND WORKSHOP PRESENTATIONS**

6<sup>th</sup> World Congress of Environmental and Resource Economists, "Hedonic Price Method under Imperfect Competition," Gothenburg, Sweden, June 26, 2018. [Also serve as

a discussant for a paper titled “Hedonic Value of the Area of Urban Green Amenities: The Case of Beijing” by Zhaoyang Liu, Heqing Huang, Juha Siikamäki, and Jintao Xu.]

Southern Economic Association, annual conference, “Status Quo Effect in Consumers’ Preferences for Locally and Organically Grown Fresh Produce,” Tampa, Nov. 17, 2017.

American Agricultural Economics Association, annual meeting, “Recovering Marginal Willingness to Pay from Hedonic Prices under Imperfect Competition,” Boston, August 2, 2016.

NSF SEES Research Project meeting, “Recreation Use of Plum Island Beaches and Public Perceptions of Beach Erosion Control Impacts,” Newburyport, Massachusetts, August 10, 2015.

Southern Economic Association (Association of Environmental and Resource Economists session), annual meeting, “Hedonic Prices, Taxation, and Imperfect Competition,” Atlanta, Nov. 24, 2014.

The 3<sup>rd</sup> Joint Aarhus-Xiamen Workshop in Economics, “Impact of Climate on the New England Ski Industry,” The Wang Yanan Institute for Studies in Economics (WISE), Xiamen University, Xiamen, China, May 12, 2013.

Allied Social Science Association (Chinese Economic Association in North America session), annual meeting, “Valuing Public Goods through Demand for Related Commodities: Theory and Empirics,” Chicago, January 6, 2012. [Also served as a discussant for a paper titled “Consistent Estimation of the Fixed Effects Stochastic Frontier Model” by Yi-Yi Chen, Peter Schmidt, and Jung-Jen Wang.]

4<sup>th</sup> World Congress of Environmental and Resource Economists, “Managing Municipal Solid Waste with Unit Based Pricing: Policy Effects and Responsiveness to Pricing,” Montreal, Canada, June 29, 2010. [Also served as a session chair and a discussant for a paper titled “Remanufacturing” by Sophie Bernard.]

Southern Economic Association (Association of Environmental and Resource Economists session), annual meeting, “Weak Complementarity and Willig Condition: An Empirical Examination,” Washington D. C., Nov. 21, 2008. [Also served as a discussant for a paper titled “Air Quality and Forecasts: The Effects of Ozone Alerts on Driving and Outdoor Recreation Behavior in Atlanta” by Douglas Noonan.]

American Agricultural Economics Association (Association of Environmental and Resource Economists session), annual meeting, discussant for a paper titled

"Estimating the Value of Beach Nourishment with a Comparison of Multiple and Single Site Recreation Demand Models," by John C. Whitehead and Daniel Phaneuf, Portland, OR, August 1, 2007.

U.S. Environmental Protection Agency Workshop on *Valuation for Environmental Policy*, "A Combined Conjoint-Travel Cost Demand Model for Measuring the Impact of Erosion and Erosion Control Programs on Beach Recreation," Arlington, VA, April 23, 2007.

3<sup>rd</sup> World Congress of Environmental and Resource Economists, "On-site Sampling Bias in Contingent Behavior Survey Data," Kyoto, Japan, July 4, 2006.

Allied Social Science Association (Joint American Economic Association and Chinese Economic Association in North America session), annual meeting, invited paper, "Theoretically Consistent Total Willingness to Pay for Water Quality: The Case of Taiwan," Boston, January 7, 2006.

American Agricultural Economics Association, annual meeting, "Cross-commodity Risk Effects on Individual Consumption of Seafood, Meat, and Poultry," Providence, RI, July 25, 2005.

American Agricultural Economics Association (Association of Environmental and Resource Economists session), annual meeting, "Welfare Effects of Erosion and Erosion Control on Beach Recreation: A Contingent Behavior Travel Cost Model," Denver, CO, August 3, 2004. [Also served as a discussant for a paper titled "Explaining Preference Reversals: Treatment, Selection, and Cognition," by Timothy C. Haab and Brian Roe.]

2<sup>nd</sup> World Congress of Environmental and Resource Economics, "To Control or Not Control: Economic Valuation of Beach Erosion Control Programs," Monterey, CA, June 25, 2002. [Also served as a discussant for a paper titled "Recovering Preferences in the Household Production Framework: the Case of Averting Behavior," by Udo Ebert.]

State of the Maine's Beaches Second Annual Conference, Saco, Maine, "Economic Impact of Beaches and Beach Erosion Control," July 11, 2001.

Allied Social Science Association (Econometrics Society session), annual meeting, "Discrete Choice Measures of Willingness to Pay: A Monte Carlo Evaluation," Boston, January 7, 2000. [Also served as a discussant for a paper titled "The Usual Excess-Burden Approximation Usually Doesn't Come Close" by Lawrence H. Goulder and Robertson C. Williams III.]

Kobe Conference on the Theory and Application of Environmental Valuation (Kobe,

Japan), "Absolute versus Relative Risk Perception: An Application to Seafood Safety," Invited Paper, January 22, 2000.

Allied Social Science Association (Association of Environmental and Resource Economists session), annual meeting, "Modeling Market Duration and Reservation Price: Impact of Highway Noise on Property Values and Price to Sale," January 3, 1998.

Allied Social Science Association (Association of Environmental and Resource Economists session), annual meeting, "Willingness to Pay for Quality Improvements: Can Revealed and Stated Preference Data be Combined?" January 6, 1997.

Allied Social Science Association (Econometric Society session), annual meeting, "Welfare Measurement of Multiple Recreation Sites: A New Nonparametric Discrete Choice Method," January 1996.

Triangle Camp Resources, "Impact of Individual Characteristics on Nonmarket Valuation Using Discrete Choice Method," Wilmington, NC, August 18, 1995

Triangle Camp Resources, "Using Dichotomous Choice Methods to Recover Valuation Estimates: Can Parametric Methods Prevail?" Wilmington, NC, August 23, 1994.