

## **Edward J. Balistreri**

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Division of Economics and Business  
Colorado School of Mines  
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### **EDUCATION**

Ph.D., Economics, University of Colorado, 1995  
M.A., Economics, University of Colorado, 1993  
B.A., Economics, Arizona State University, 1989

Fields: International Economics  
Public Economics

Dissertation: “Preference Revelation and the Endogenous Trade Policy Model:  
Empirical and Experimental Evidence for Stolper-Samuelson  
Welfare Effects” (Supervisor: William H. Kaempfer)

### **RESEARCH INTERESTS**

Applied Microeconomics; International and Inter-regional Trade;  
Energy, Resource, and Environmental Policy; and Industrial  
Organization and Competition.

### **EXPERIENCE**

2004–present Colorado School of Mines, Assistant Professor.

2001–2004 United States International Trade Commission, Economist, Office  
of Economics, Research Division. (Georgetown University,  
Adjunct Professor, fall 2002).

1996–2001 Charles River Associates, Inc., Senior Associate

1993–1996 University of Colorado: Research Associate/Assistant, The Center  
for Economic Analysis, and The Center for Research on Judgment  
and Policy; Teaching Assistant, (1990-1993).

### **REFEREED JOURNAL ARTICLES**

Edward J. Balistreri and James R. Markusen (forthcoming) “Sub-national  
Differentiation and the Role of the Firm in Optimal International Pricing,”  
accepted, May 2008, for future publication in *Economic Modelling*.

- Edward J. Balistreri and Russell H. Hillberry (2008) "The Gravity Model: An Illustration of Structural Estimation as Calibration," *Economic Inquiry*, 46(4), 511-527.
- Edward J. Balistreri and Russell H. Hillberry (2007) "Structural Estimation and the Border Puzzle," *Journal of International Economics*, 72(2), 451-463.
- Edward J. Balistreri and Russell H. Hillberry (2006) "Trade Frictions and Welfare in the Gravity Model: How Much of the Iceberg Melts?," *Canadian Journal of Economics*, 39(1), 247-265.
- Soamiely Andriamananjara, Edward J. Balistreri, and Martin T. Ross (2006) "State-level equity and the demise of the Agreement on Textiles and Clothing," *The North American Journal of Economics and Finance*, 17(1), 17-33.
- Russell H. Hillberry, Michael A. Anderson, Edward J. Balistreri, and Alan K. Fox (2005) "Taste Parameters as Model Residuals: Assessing the 'Fit' of an Armington Trade Model," *Review of International Economics*, Vol. 13(5), 973-984.
- Edward J. Balistreri, Christine A. McDaniel and Eina V. Wong (2003) "An Estimation of US Industry-level Capital-Labor Substitution Elasticities: Support for Cobb-Douglas" *The North American Journal of Economics and Finance*, 14(3), 343-356.
- Christine A. McDaniel and Edward J. Balistreri (2003) "A Review of Armington Trade Substitution Elasticities," joint publication: *Integration and Trade*, 7(18), 161-173 and *Économie Internationale*, 94-95, 301-314.
- Edward J. Balistreri (2002) "Operationalizing Equilibrium Unemployment: A General Equilibrium External Economies Approach," *Journal of Economic Dynamics and Control*, 26(3), 347-374.
- Edward Balistreri, Gary McClelland, Gregory Poe, and William Schulze (2001) "Can Hypothetical Questions Reveal True Values?: A Laboratory Comparison of Dichotomous Choice and Open Ended Contingent Values with Auction Values," *Environmental and Resource Economics*, 18, 275-292.
- Gary W. Yohe, David Montgomery, and Ed Balistreri (2000) "Equity and the Kyoto Protocol: measuring the distributional effects of alternative emissions trading regimes," *Global Environmental Change*, 10, 121-132.
- Edward J. Balistreri (1997) "The Performance of the Heckscher–Ohlin–Vanek Model in Predicting Endogenous Policy Forces at the Individual Level," *Canadian Journal of Economics*, 30(1), 1-17 (lead article).

## UNDER REVIEW

Edward J. Balistreri and Christopher M. Worley (2008) “Mercury: the good, the bad, and the export ban,” submitted to the *Natural Resources Journal*, August 2008.

Edward J. Balistreri, Russell H. Hillberry, and Thomas F. Rutherford (2008) “Structural Estimation and Solution of International Trade Models with Heterogeneous Firms,” submitted to the *Journal of International Economics*, November 2008.

Edward J. Balistreri, (2008) “A note on the local and global consistency of Anderson and van Wincoop’s gravity model,” submitted to *Review of International Economics*, November 2008.

## WORKING PAPERS

Edward J. Balistreri, Thomas F. Rutherford, and David G. Tarr (2008) “Modeling Services Liberalization: The Case of Kenya,” March 2008.

Edward J. Balistreri, (2006) “Diseconomies of Money and Optimal Inflation,” April 2006.

## TECHNICAL REPORTS [Role]

Edward J. Balistreri and James R. Markusen (2005) *National and Sub-national Differentiation in General Equilibrium Policy Simulation Models*, Division of Economics and Business, Colorado School of Mines, project sponsored by the United States International Trade Commission (ITC-PO-05-0035: \$38,508, May-August, 2005). Work also presented at the 8<sup>th</sup> Annual Conference on Global Economic Analysis, Lübeck, Germany, June 2005. [Principal Investigator]

*U.S.-Morocco Free Trade Agreement: Potential Economywide and Selected Sectoral Effects*, United States International Trade Commission, Investigation TA-2104-14, August 2004. [Coauthor]

*U.S. Free Trade Agreement with Central America and the Dominican Republic: Potential Economywide and Selected Sectoral Effects*, United States International Trade Commission, Investigation TA-2104-13, June 2004. [Coauthor]

*U.S.-Australia Free Trade Agreement: Potential Economywide and Selected Sectoral Effects*, United States International Trade Commission, Investigation TA-2104-11, May 2004. [Coauthor]

*U.S.-Andean Countries Free-Trade Agreement: Advice Concerning the Probable Economic Effects*, United States International Trade Commission, Investigations TA-131-28 and TA-2104-8, April 2004. [Numeric simulations only]

- U.S.-Panama Free-Trade Agreement: Advice Concerning the Probable Economic Effects*, United States International Trade Commission, Investigations TA-131-27 and TA-2104-7, April 2004. [Numeric simulations only]
- U.S.-Bahrain Free-Trade Agreement: Advice Concerning the Probable Economic Effects*, United States International Trade Commission, Investigations TA-131-26 and TA-2104-6, confidential report issued to the U.S. Trade Representative, December 2003. [Coauthor]
- U.S.-Dominican Republic Free-Trade Agreement: Advice Concerning the Probable Economic Effects*, United States International Trade Commission, Investigations TA-131-25 and TA-2104-5, confidential report issued to the U.S. Trade Representative, December 2003. [Numeric simulations only]
- Steel-Consuming Industries: Competitive Conditions With Respect To Steel Safeguard Measures*, United States International Trade Commission, September 2003, Publication 3632. [Coauthor]
- The Impact of Trade Agreements: Effects of the Tokyo Round, U.S.-Israel FTA, U.S.-Canada FTA, NAFTA, and the Uruguay Round on the U.S. Economy*, United States International Trade Commission, August 2003, Publication 3621. [Coauthor]
- U.S.-Southern African Customs Union Free-Trade Agreement: Advice Concerning the Probable Economic Effects*, United States International Trade Commission, Investigations TA-131-23 and TA-2104-3, confidential report issued to the U.S. Trade Representative, April 2003. [Coauthor]
- Oil and Gas Field Services: Impediments to Trade and Prospects for Liberalization*, United States International Trade Commission, March 2003, Publication 3582. [Coauthor and Reviewer]
- U.S.-Chile Free-Trade Agreement: Advice Concerning the Probable Economic Effects*, United States International Trade Commission, Investigation 332-442, confidential report issued to the U.S. Trade Representative, Fall 2002. [Primary Reviewer]
- The Economic Effects of Significant U.S. Import Restraints: Third Update 2002*, United States International Trade Commission, June 2002, Publication 3519. [Coauthor]
- Economic Implications of the Adoption of Limits on Carbon Emissions from Industrialized Countries*, prepared for the American Automobile Manufacturers Association by Charles River Associates, November 1997. [Coauthor]

*An Evaluation of Public Preferences for Superfund Site Cleanup, Volume 1: A Preliminary Assessment*, The Center for Economic Analysis and The Center for Research on Judgment and Policy, Submitted to the USEPA, March 1995. [Coauthor]

*An Evaluation of Public Preferences for Superfund Site Cleanup, Volume 2: A Pilot Study*, The Center for Economic Analysis and The Center for Research on Judgment and Policy, University of Colorado. Submitted to the USEPA, March 1994. [Coauthor]

Gary McClelland, William Schulze, and Edward Balistreri (1994) "An Examination of Performance Testing Requirements for Contingent Valuation," The Center for Economic Analysis and The Center for Research on Judgment and Policy, University of Colorado. Reproduced in its entirety as an appendix to *Comments on Proposed NOAA/DOI Regulations on Natural Resource Damage Assessment*, USEPA, Washington DC, October 1994. [Coauthor]

## REFEREEING

*Canadian Journal of Economics, Economic Modelling, Économie Internationale, Economics and Politics, The Energy Journal, Energy Studies Review, Integration and Trade, Journal of International Economics, Resources Policy, Review of International Economics, World Economy, The World Bank: Policy Research Working Paper Series*, and abstract reviews for the 2006-2008 GTAP Conferences.

## BOOK REVIEWS

Maria Eugenia Ibararán and Roy Boyd, *Hacia El Futuro: Energy, Economics and the Environment in 21<sup>st</sup> Century Mexico*, in *The Energy Journal* 29(1) 173-5, January 2008.

## MEDIA CONTRIBUTIONS

Interview on the subject of commodity-mercury trade by Mark Whittaker, BBC World Service, One Planet (produced by Michael Innes), 24 September 2007, edited program broadcast from the 27<sup>th</sup> of September through the 4<sup>th</sup> of October, 2007.

## TEACHING AND UNIVERSITY SERVICE

Undergraduate and Combined Courses:

International Trade	(CSM: EBGN-441/541)
Public Economics	(CSM: EBGN-498)
Business Strategy	(CSM: EBGN-315)
Summer Field Session	(CSM: EBGN-402)

Graduate Courses:

Advanced Microeconomics	(CSM: EBGN-611)
Environmental Economics	(CSM: EBGN-570)
Economics and Decision Making	(CSM: EBGN-515)

Thesis Supervision (Degree, Institution, Semester, Coadvisor -- if applicable):  
Ayed Al-Qahtani (PhD, Colorado School of Mines, fall 2008, Carol Dahl)

Thesis Committees (Degree, Institution, Semester):  
Claudio Valencia (PhD, Colorado School of Mines, spring 2005)  
J. Tyler Hodge (PhD, Colorado School of Mines, fall 2006)  
Roberto F. Aguilera (PhD, Colorado School of Mines, fall 2006)  
Lei Yang (PhD, University of Colorado-Boulder, spring 2007)  
Mei Yuan (PhD, University of Colorado-Boulder, spring 2007)  
Alex Schroeder (MS, Colorado School of Mines, spring 2007)  
Leila Dagher (PhD, Colorado School of Mines, fall 2008)

Faculty-Council Service:  
The Research Council of the Colorado School of Mines (2007-present).  
The Undergraduate Council of the Colorado School of Mines (2004 - 2007).

## **OTHER PAPERS**

“TSCAPE: A Time Series of Consistent Accounts for Policy Evaluation,” with Alan Fox, May 2003.

“Large-scale CGE Modeling at the United States International Trade Commission,” with others. Presented at the Fifth Conference On Global Economic Analysis, June 5-7, 2002, Taipei, Taiwan. Printed in the conference proceedings, Vol. 2, pp. O1-O18.

“USAGE-ITC: Data and Parameters,” with others. Presented at the Fifth Conference On Global Economic Analysis, June 5-7, 2002, Taipei, Taiwan. Printed in the conference proceedings, Vol. 2, pp. O44-O66.

“A Review of Trade-Related Single Country U.S. Computable General Equilibrium Models,” with Alan Fox, May 2001.

“Assessing the State-level Burden of Carbon Emissions Abatement,” with Thomas F. Rutherford, October 2000, revisions requested by *Annals of Regional Science*.

“Analysis of the Reduction of Carbon Emissions through Tradable Permits or Technology Standards in a CGE Framework,” with others. Presented at the AERE Meetings, Cambridge, MA, July 1999.

“Playing the Bertrand Game in the Corner: A Mixed Complementarity Formulation with Endogenous Entry,” December 1999.

“Can Agents Recognize Stolper–Samuelson Effects? Experimental Evidence,” with W. Schulze. Presented at the Public Choice Society Meetings, Houston, TX, April 1996.

“An Evaluation of Public Preferences for Superfund Site Cleanup,” with others. Presented at the AEA/ASSA Meetings, Washington, DC, January 1995.

“Testing the Stolper–Samuelson Theorem: Factor Association of Canadian Labor,” with W. Kaempfer. Presented at the Western Economic Association Conference, Vancouver, BC, July 1994.

## **OTHER PROFESSIONAL PROJECTS**

Welfare analysis of services liberalization in Kenya, including imperfect-competition and heterogeneous-firms formulations. Client: The World Bank (2008).

Invited member of the stakeholder panel to address options for managing U.S. non-federal supplies of commodity-grade Mercury. Client: U.S. Environmental Protection Agency (2007).

Developed and maintained the internet based State-level Impact Assessment Model (SIAM). The model produced detailed impacts of various carbon abatement policies for each of the fifty states and the nation as a whole under user specified parameters and sensitivity settings. Client: Electric Power Research Institute (1998-2000).

Analyzed the distributional impacts of alternative recycling mechanisms for carbon permit revenue. The project included a consideration of benchmark tax distortions and interactions between combinations of auctioned and compensating grandfathered emissions permits. Client: Electric Power Research Institute (2000).

Analysis of the role of the Diesel internal combustion engine in the U.S. economy. Analysis included augmentation of the input/output accounts to consider detailed data on diesel technology and its use in the economy, and a dynamic general equilibrium analysis of mandating alternative technologies. Client: Diesel Technology Forum (summer 2000).

Contributed analysis for regulatory filings in a major electric utility merger. Analysis included transmission determination and measures of market concentration (fall 1998 – spring 1999).

Developed a merger simulation model to analyze the price impacts of a proposed merger between two major suppliers of a retail food product (fall 1998).

Explored the role of alternative unemployment formulations and their practicality for implementation in dynamic general equilibrium models. Client: Electric Power Research Institute (fall 1998).

Developed a dynamic general equilibrium model of the U.S. that compared various carbon policy implementation proposals, including command and control regulations on automobiles. Client: Electric Power Research Institute (1998).

Applied a merger simulation model to analyze impacts in the communications industry (spring 1998).

Analyzed the impacts of proposed regulations to curb NO<sub>x</sub> emissions (state implementation plans or SIP's) in the OTAG region. Client: Southern Company Services (spring 1998).

Developed a model to analyze the state and regional impacts of international agreements to limit carbon emissions. Client: The American Automobile Manufacturers Association (1997).

Developed a model to analyze the state and regional impacts of the OTAG regulation to curb NO<sub>x</sub> emissions. Client: Southern Company Services (spring 1997).