

Edward J. Balistreri
Curriculum Vitae

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CONTACT INFORMATION	Edward J. Balistreri Division of Economics and Business Colorado School of Mines Golden, Colorado 80401-1887	<i>voice:</i> (303) 384-2156 <i>e-mail:</i> ebalistr@mines.edu <i>web:</i> inside.mines.edu/~ebalistr
EDUCATION	Ph.D., Economics, University of Colorado (1995) <i>Dissertation:</i> Preference Revelation and the Endogenous Trade Policy Model: Empirical and Experimental Evidence for Stolper-Samuelson Welfare Effects (Supervisor: William H. Kaempfer) <i>Fields:</i> International Economics and Public Economics M.A., Economics, University of Colorado (1993) B.A., Economics, Arizona State University (1989)	
EMPLOYMENT HISTORY	Colorado School of Mines <i>Associate Professor</i> , Division of Economics and Business <i>Assistant Professor</i> , Division of Economics and Business United States International Trade Commission <i>Economist</i> (GS-14), Office of Economics, Research Division Charles River Associates, Inc. <i>Senior Associate</i> , Washington DC University of Colorado <i>Research Associate/Assistant</i> , The Center for Economic Analysis, and The Center for Research on Judgment and Policy <i>Teaching Assistant</i> , Department of Economics	2010 – present 2004 – 2010 2001 – 2004 1996 – 2001 1993 – 1996 1990 – 1993
PUBLICATIONS AND RESEARCH	Journal Articles Balistreri, Edward J., Russell H. Hillberry, and Thomas F. Rutherford (2011) ‘Structural estimation and solution of international trade models with heterogeneous firms,’ <i>Journal of International Economics</i> 83(2), 95 – 108 (lead article) Vásquez Cordano, Arturo L., and Edward J. Balistreri (2010) ‘The marginal cost of public funds of mineral and energy taxes in Peru,’ <i>Resources Policy</i> 35(4), 257 – 264 Balistreri, Edward J., Russell H. Hillberry, and Thomas F. Rutherford (2010) ‘Trade and welfare: Does industrial organization matter?’ <i>Economics Letters</i> 109(2), 85 – 87 Balistreri, Edward J., Ayed Al-Qahtani, and Carol A. Dahl (2010) ‘Oil and petroleum product Armington elasticities: A new-geography-of-trade approach to estimation,’ <i>The Energy Journal</i> 31(3), 165 – 177	

- Balistreri, Edward J., and Christopher M. Worley (2009) ‘Mercury: the good, the bad, and the export ban,’ *Resources Policy* 34(4), 195 – 204
- Balistreri, Edward J., Thomas F. Rutherford, and David G. Tarr (2009) ‘Modeling services liberalization: The case of Kenya,’ *Economic Modelling* 26(3), 668 – 679
- Balistreri, Edward J., and James R. Markusen (2009) ‘Sub-national differentiation and the role of the firm in optimal international pricing,’ *Economic Modelling* 26(1), 47 – 62
- Balistreri, Edward J., and Russell H. Hillberry (2008) ‘The gravity model: An illustration of structural estimation as calibration,’ *Economic Inquiry* 46(4), 511 – 527
- Balistreri, Edward J., and Russell H. Hillberry (2007) ‘Structural estimation and the border puzzle,’ *Journal of International Economics* 72(2), 451 – 463
- Al-Qahtani, Ayed, Edward J. Balistreri, and Carol A. Dahl (2007) ‘Estimating the U.S. Dollar Depreciation Effect on Oil Prices,’ *Journal of Energy and Development* 33(1), 49 – 55
- Balistreri, Edward J., 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
- Andriamananjara, Soamiely, 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
- Hillberry, Russell H., 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* 13(5), 973–984
- Balistreri, Edward J., Christine A. McDaniel, and Eina Vivian 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
- McDaniel, Christine A., and Edward J. Balistreri (2003) ‘A review of Armington trade substitution elasticities,’ *Économie Internationale* 94-95, 301–314
- Joint publication: (2003) *Integration and Trade* N° 18, Vol. 7, 161–173
- Balistreri, Edward J. (2002) ‘Operationalizing equilibrium unemployment: A general equilibrium external economies approach,’ *Journal of Economic Dynamics and Control* 26(3), 347 – 374
- Balistreri, Edward, 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(3), 275 – 292

Yohe, Gary, W. David Montgomery, and Ed Balistreri (2000) ‘Equity and the Kyoto protocol: measuring the distributional effects of alternative emissions trading regimes,’ *Global Environmental Change* 10(2), 121 – 132

Balistreri, Edward J. (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)

Working Papers

‘A Model for the Global Oil Market: Optimal Oil Production Levels for Saudi Arabia,’ With Ayed Al-Qahtani and Carol Dahl (2009)

‘Literature Review on Oil Market Modeling and OPEC’s Behavior,’ With Ayed Al-Qahtani and Carol A. Dahl (2008)

Technical Reports **[Role]**

Balistreri, Edward J., 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). **[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, Investigation 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, Investigation 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, Investigation TA-131-26 and TA-2104-6, December 2003. **[Coauthor]**

U.S.-Dominican Republic Free-Trade Agreement: Advice Concerning the Probable Economic Effects, United States International Trade Commission, Investigation TA-131-25 and TA-2104-5, December 2003. **[Numeric simulations only]**

Steel-Consuming Industries: Competitive Conditions with Respect to Steel Safeguard Measures, United States International Trade Commission, Publication 3632, September 2003. [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, Publication 3621, August 2003. [Coauthor]

U.S.-South African Customs Union Free-Trade Agreement: Advice Concerning the Probable Economic Effects, United States International Trade Commission, Investigation TA-131-23 and TA-2104-3, April 2003. [Coauthor]

Oil and Gas Field Services: Impediments to Trade and Prospects for Liberalization, United States International Trade Commission, Publication 3582, March 2003. [Coauthor and Reviewer]

U.S.-Chile Free-Trade Agreement: Advice Concerning the Probable Economic Effects, United States International Trade Commission, Investigation 332-442, Fall 2002. [Primary Reviewer]

The Economic Effects of Significant U.S. Import Restraints: Third Update 2002, United States International Trade Commission, Publication 3519, June 2002. [Coauthor]

A General Equilibrium Assessment of OTAG Regulations: State and Regional Impacts, Charles River Associates, Inc., report prepared for Southern Company Services, February 1998.[Coauthor]

Economic Implications of the Adoption of Limits on Carbon Emissions from Industrialized Countries, Charles River Associates, Inc., report prepared for the American Automobile Manufacturers Association, 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, University of Colorado—Boulder, report 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—Boulder, report submitted to the USEPA, March 1994.[Coauthor]

McClelland, Gary, William Schulze, and Edward Balistreri (2004) *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—Boulder, report reproduced in its entirety as an appendix to *Comments on the Proposed NOAA/DOI Regulations on Natural Resource Damage Assessment*, USEPA, Washington DC, October 1994. [Coauthor]

Book Reviews

Maria Eugenia Ibararán and Roy Boyd (2006) *Hacia El Futuro: Energy and the Environment in 21st Century Mexico*, Springer, Review in *The Energy Journal* 29(1) 173–175, January 2008.

Conference Proceedings

‘Large-scale CGE modeling at the United States International Trade Commission’ with others (2002), printed in the proceedings of the Fifth Annual Conference on Global Economic Analysis, June 5-7, Taipei, Taiwan, Vol.2, pp. O1-O18.

‘USAGE-ITC: data and parameters,’ with others (2002), printed in the proceedings of the Fifth Annual Conference on Global Economic Analysis, June 5-7, Taipei, Taiwan, Vol.2, pp. O44-O66.

‘Dynamic General Equilibrium Analysis at the State Level: Assessing the economic implications of the Kyoto Protocol,’ with Thomas F. Rutherford (2001), printed in the proceedings of the Fourth Annual Conference on Global Economic Analysis, June 27-29, Purdue University, West Lafayette, IN, Vol.2, Session 1, Regional Economics I.

REFEREEING SERVICE

American Economic Review, American Journal of Agricultural Economics, Canadian Journal of Economics, China Economic Review, Economic Modelling, Economics and Politics, Économie Internationale, The Energy Journal, Energy Studies Review, Environmental and Resource Economics, Integration and Trade, International Economic Journal, Journal of International Economics, Quarterly Journal of Economics, Resources Policy, Review of International Economics, World Economy, The World Bank: Policy Research Working Paper Series, and abstract reviews for the 2006, 2007, 2008 and 2011 GTAP conferences.

TEACHING AND UNIVERSITY SERVICE

Undergraduate and Combined Courses

Public Economics EBGN 443
International Economics/Trade EBGN 441/541
Summer Field Session EBGN 402
Business Strategy EBGN 315

Graduate Courses

Advanced Microeconomics (PhD Core) EBGN 611
Environmental Economics EBGN 570
Economics and Decision Making (ETM Core) EBGN 515

Thesis Supervision (Degree, Institution, Defense date, **Coadvisor**–if applicable)

Lauren M. Davis (PhD, CSM Division of Econ&Bus, fall 2009)
Ayed Al-Qahtani (PhD, CSM Division of Econ&Bus, fall 2008, **Carol Dahl**)

Thesis Committees (Degree, Institution, Defense date)

Bridget Strand (PhD, CU–Boulder Econ Dept., fall 2010)
Daniel Jerrett (PhD, CSM Division of Econ&Bus, spring 2010)
Emily Newes (MS, CSM Division of Econ&Bus, summer 2009)
Yen-Heng Chen (PhD, CU–Boulder Econ Dept., fall 2008)
Leila Dagher (PhD, CSM Division of Econ&Bus, fall 2008)
Alex Schroeder (MS, CSM Division of Econ&Bus, spring 2007)
Mei Yuan (PhD, CU–Boulder Econ Dept., spring 2007)
Lei Yang (PhD, CU–Boulder Econ Dept., spring 2007)
Roberto F. Aguilera (PhD, CSM Division of Econ&Bus, fall 2006)
J. Tyler Hodge (PhD, CSM Division of Econ&Bus, fall 2006)
Claudio Valencia (PhD, CSM Division of Econ&Bus, spring 2005)

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 ACTIVITIES AND PAPERS

Recent Presentations

Carbon leakage model-comparison workshop, ETH Zürich Feb. 2011
Colorado School of Mines, Division of Economics and Business Oct. 2010
CU Environmental Economics Workshop, Vail Colorado Sept. 2010
NCAR, Integrated Assessment Group Aug. 2010
Denver Association of Business Economists Oct. 2009
University of Colorado, Department of Economics Sept. 2009
Colorado School of Mines, Optimization Group Oct. 2007
CU Environmental Economics Workshop, Vail Colorado Sept. 2007
USEPA Commodity-grade Mercury Stakeholder Meeting Sept. 2007
Western Economic Association meetings July 2007
GTAP Conference, West Lafayette, IN June 2007
Colorado School of Mines, Division of Economics and Business April 2007

Popular Media

Interview on the subject of commodity-mercury trade by Mark Whittaker, BBC World Service, One Planet (Produced by Michael Innes), September 24, 2007, edited program broadcast on Public Radio from September 27–October 4, 2007.

Consulting

Welfare analysis of services liberalization in Kenya, including imperfect-competition and heterogeneous-firms formulations (2008-2010), client: The World Bank.

Developed and maintained the internet based State-level Impact Assessment Model (SIAM), which analyzed climate-change policy, for Charles River Associates (1998-2001), client: Electric Power Research Institute.

Analyzed the distributional impacts of alternative carbon-policy revenue recycling mechanisms (2000), client: Electric Power Research Institute.

Analyzed the role of the Diesel internal combustion engine in the U.S. economy (2000), client: Diesel Technology Forum.

Contributed analysis for regulatory filings in a major electric utility merger (1998-1999).

Developed and implemented a merger simulation model to analyze the price impacts of a proposed merger between two major suppliers of a retail food product, for potential use in filings and litigation (1998).

Explored the role of alternative unemployment formulations and their practicality for implementation in dynamic general-equilibrium models of climate-change policy (1998), client: Electric Power Research Institute.

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

Analyzed the impacts of proposed regulations to curb NOx emissions (state implementation plans or SIPs) in the OTAG regions (1998), client: Southern Company Services.

Resting Papers

‘A note on the local and global consistency of Anderson and van Wincoop’s gravity model’ (2008).

‘Diseconomies of money and optimal inflation’ (2006).

‘TSCAPE: A Time Series of Consistent Accounts for Policy Evaluation,’ with Alan K. Fox (2003).

‘A review of trade-related single country U.S. computable general equilibrium models,’ with Alan K. Fox (2001).

‘Analysis of the reduction of carbon emissions through tradable permits or technology standards in a CGE framework,’ with others (1999).

‘Playing the Bertrand game in the corner: A mixed complementarity formulation with endogenous entry,’ (1999).

REFERENCES

Available upon request