

## CURRICULUM VITAE

### SEIJI S.C. STEIMETZ

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### Education

Ph.D. University of California at Irvine, 2004, Economics  
M.A. San Jose State University, 1999, Economics  
B.S. San Jose State University, 1996, Economics

### Academic and Professional Positions

2011- Associate Professor of Economics, California State University, Long Beach  
2005-2011 Assistant Professor of Economics, California State University, Long Beach  
2004-2005 Senior Consultant, Bates White, L.L.C.  
1999-2002 Lecturer, Teaching Assistant, Research Assistant, University of California, Irvine  
1999 Lecturer, San Jose State University  
1997-1998 Project Manager, Analytic Design, Inc.  
1994-1995 Consultant, DisplayTech Multimedia, Inc.  
1992-1994 President and Chief Executive Officer, Arise Technologies, Inc.  
1991-1993 President, Ascending Systems, Inc.

### Fields of Specialization

Transportation Economics, Urban Economics, Environmental Economics, Applied Econometrics

### Publications in Peer-Reviewed Journals

“Spatial Hedonics and the Willingness to Pay for Residential Amenities” (with Kenneth A. Small), *Journal of Regional Science*, forthcoming.

“The Impact of Traffic Images on Travel Time Valuation in Stated-Preference Choice Experiments” (with Luis I. Rizzi and Juan Pablo Limonado), *Transportmetrica*, forthcoming.

“Spatial Multipliers in Hedonic Analysis: a Comment on “Spatial Hedonic Models of Airport Noise, Proximity, and Housing Prices””, *Journal of Regional Science* (50), 995–998, December 2010.

“White-Knuckle Externalities”, *Economic Inquiry* (47), 304–316, April 2009.

“Defensive Driving and the External Costs of Accidents and Travel Delays”, *Transportation Research Part B: Methodological* (42), 703–724, November 2008 (lead article).

“Estimating Commuters’ Value of Time’ with Noisy Data: a Multiple Imputation Approach” (with David Brownstone), *Transportation Research Part B: Methodological* (39), 865–889, December 2005 (lead article).

### **Publications in Edited Volumes**

“Congestion Pricing Theory”. In Kenneth Button, Peter Nijkamp, and Henry Vega (eds.), *A Dictionary of Transport Analysis*, Cheltenham: Edward Elgar, forthcoming.

“Bubbles”. In David R. Henderson (ed.), *The Concise Encyclopedia of Economics*, 2nd edition, Library of Economics and Liberty, Indianapolis: Liberty Fund, 2008.

### **Research Reports**

“Accident Rates and Safety Policies for Trucks Serving the San Pedro Bay Ports” (with Steven Yamarik and Christopher Malatesta), Final Report to the METTRANS Transportation Center, Project 09-01, June 2010.

“Evaluating the Efficiency of Traffic Mitigation Fees at the San Pedro Bay Ports in a Congestion Pricing Framework” (with Otto Chan, Sean Fergus, and Agnes Ng), Final Report to the METTRANS Transportation Center, Project 06-07, February 2008

### **Working Papers and Projects**

“Using Congestion Pricing to Manage Truck Congestion at Maritime Ports”, Preliminary Draft

“Simulation Methods for Testing the Statistical Significance of Travel-Time Valuation Estimates from Discrete-Choice Models with Random Parameters” (with Luis I. Rizzi)

“The Two-Route Problem Revisited: the Role of the Marginal Cost of Public Funds in Determining Optimal Congestion Prices” (with Luis I. Rizzi)

### **Grants**

2008-2009 “Accident Rates and Safety Policies for Trucks Serving the San Pedro Bay Ports”, U.S. Department of Transportation and California Department of Transportation (\$78,441). Funded through the METTRANS Transportation Center.

2006-2007 “Evaluating the Efficiency of Traffic Mitigation Fees at the San Pedro Bay Ports in a Congestion Pricing Framework”, U.S. Department of Transportation and California Department of Transportation (\$65,130). Funded through the METTRANS Transportation Center.

2003-2004 “New Methods for Modeling and Estimating the Social Costs of Motor Vehicle Use” (Dissertation Grant), U.S. Department of Transportation and California Department of Transportation (\$15,000). Funded through the University of California Transportation Center.

## **Research Presentations and Discussions**

Presenter, “Testing the Significance of Travel-Time Valuation Estimates from Discrete-Choice Models with Random Parameters”, Western Economic Association International 86<sup>th</sup> Annual Conference, San Diego, CA, July 2011

Presenter, “Accident Rates and Safety Policies for Trucks Serving Ocean Container Ports”, 52<sup>nd</sup> Annual Transportation Research Forum, Long Beach, CA, March 2011

Invited Presenter, “Congestion Pricing with an Application to Trucks Serving Ocean Container Ports”, Center for International Trade and Transportation Seminar: Contemporary Issues and Trends in US Logistics Industry and Academia, Long Beach, CA, January 2011

Presenter, “Accident Rates and Safety Policies for Trucks Serving Ocean Container Ports”, Western Economic Association International 85<sup>th</sup> Annual Conference, Portland, OR, June 2010

Invited Presenter, “Accident Rates and Safety Policies for Trucks Serving Ocean Container Ports”, Caltrans Research Webinar Series for Transportation Professionals, Sacramento, CA, May 2010

Panelist, Southern California Asian Pacific Islander Network Event, Los Angeles, CA, June 2009

Presenter, “Revealing the Value of Travel Time and Congestion Relief Using Stated-Preference Data”, Time Use Observatory Workshop 2009, Universidad de Chile, Santiago, Chile, January 2009

Invited Presenter and Panelist, “Using Congestion Pricing to Manage Truck Congestion at Maritime Ports”, UTC-PATH Conference 2008, Los Angeles, November 2008

Presenter, “Evaluating the Efficiency of Traffic Mitigation Fees at the San Pedro Bay Ports in a Congestion Pricing Framework”, 2<sup>nd</sup> National Urban Freight Conference, Long Beach, CA, December 2007

Invited Presenter, “Spatial Hedonics and the Willingness to Pay for Residential Amenities”, METRANS Seminar Series, University of Southern California, November 2007

Presenter, “Spatial Hedonics and the Willingness to Pay for Residential Amenities”, Western Economic Association International Pacific Rim Conference, Beijing, China, January 2007

Invited Presenter, “White-Knuckle Externalities”, Institute for Operations Research and Management Sciences International Conference, Hong Kong, China, June 2006

Invited Presenter, “White-Knuckle Externalities”, National Urban Freight Conference, Long Beach, CA, February 2006

Discussant, Conference Honoring Kenneth A. Small, University of California, Irvine, February 2006

Invited Presenter, “Defensive Driving and the External Costs of Accidents and Travel Delays”, University of California Transportation Center Annual Conference, University of California, Davis, May 2004

## **Refereeing of Submissions to Peer-Reviewed Journals**

*Economic Inquiry, Journal of Regional Science, Regional Science and Urban Economics (3), Journal of Transport Economics and Policy, Research in Transportation Economics, Southern Economic Journal, Transport Reviews (2), Transportation Research Part A (2), Transportation Research Part B (2), Transportation Research Part C, Transportation Research Record: Journal of the Transportation Research Board, Transportmetrica (4), Urban Forestry & Urban Greening*

## **Refereeing of Fellowship, Grant, Prize, and Conference Submissions**

Reviewer, 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington D.C., January 2010

Reviewer, 2nd National Urban Freight Conference, Long Beach, CA, December 2007

Reviewer, Hong Kong Society for Transportation Studies Outstanding Dissertation Paper Award: Gordon Newell Memorial Prize, 2007

Reviewer, Hong Kong Society for Transportation Studies Outstanding Dissertation Paper Award: Gordon Newell Memorial Prize, 2006

## **Conference Organization**

Track Chair, National Urban Freight Conference 2011, Long Beach, CA, October 2011

Planning Committee, 52<sup>nd</sup> Annual Transportation Research Forum, Long Beach, CA, March 2011

Track Chair, 3rd National Urban Freight Conference, Long Beach, CA, October 2009

Program Committee, 83<sup>rd</sup> Annual Conference of the Western Economic Association International, Honolulu, HI, June 2008

Track Chair, 11<sup>th</sup> World Conference on Transportation Research, University of California at Berkeley, June 2007

## **Service: California State University, Long Beach**

2011-2012      Vice Chair, University Program Assessment and Review Council  
University Partners for Success Faculty Mentor  
Faculty Advisor, Economics Student Association  
Faculty Advisor, Omicron Delta Epsilon Economics National Honor Society  
College of Liberal Arts Technology Planning Committee  
Chair, Department of Economics Undergraduate Committee  
Department of Economics Undergraduate Coordinator

2010-2011      University Program Assessment and Review Council  
University Partners for Success Faculty Mentor  
Faculty Advisor, Economics Student Association

Faculty Advisor, Omicron Delta Epsilon Economics National Honor Society  
College of Liberal Arts Technology Planning Committee  
Chair, Department of Economics Undergraduate Committee  
Department of Economics Undergraduate Advisor (Spring 2011)  
Department of Economics Microeconomics Comprehensive Exam Committee  
Department of Economics Information Committee

2009-2010 University Partners for Success Faculty Mentor  
Faculty Advisor, Economics Student Association  
Faculty Advisor, Omicron Delta Epsilon Economics National Honor Society  
College of Liberal Arts Technology Planning Committee  
Department of Economics Retention, Tenure, and Promotion Policy Revision Committee  
Department of Economics Graduate Program Committee  
Department of Economics Microeconomics Comprehensive Exam Committee  
Department of Economics Information Committee  
Department of Economics Principles of Microeconomics Course Coordinator  
Department of Economics Microeconomics Textbook Committee  
Department of Economics Microeconomics Assessment Committee

2008-2009 University Faculty Hearing Panel  
University Partners for Success Faculty Mentor  
College of Liberal Arts Technology Planning Committee  
Department of Economics Graduate Program Committee  
Department of Economics Microeconomics Comprehensive Exam Committee  
Department of Economics Elections Committee  
Department of Economics Computer Lab Committee  
Department of Economics Principles of Microeconomics Course Coordinator  
Department of Economics Microeconomics Textbook Committee  
Department of Economics Microeconomics Assessment Committee

2007-2008 University Faculty Hearing Panel  
University Partners for Success Faculty Mentor  
College of Liberal Arts Technology Planning Committee  
Department of Economics Graduate Program Committee  
Department of Economics Microeconomics Comprehensive Exam Committee  
Department of Economics Elections Committee  
Department of Economics Computer Lab Committee  
Department of Economics Principles of Microeconomics Course Coordinator

2006-2007 College of Liberal Arts Technology Planning Committee  
Department of Economics Graduate Program Committee  
Department of Economics Microeconomics Comprehensive Exam Committee  
Department of Economics Computer Lab Committee

2005-2006 College of Liberal Arts Technology Planning Committee  
Department of Economics Curriculum Committee  
Department of Economics Microeconomics Comprehensive Exam Committee

### **Teaching: California State University, Long Beach**

Undergraduate Courses: Principles of Microeconomics, Microeconomic Theory, Transportation Economics, Econometrics I, Mathematical Economics

Graduate Courses: Transportation Economics, Transportation Economics (Master of Arts in Global Logistics), Econometrics I, Mathematical Economics, Research Methods for Global Logistics (Master of Arts in Global Logistics)

Developed Courses: Urban Economics

### **Honors Thesis and Scholarship Advising**

Victoria Marsh, McNair Scholars Program, 2011–2012.

Celeste Ahl, Economics, “Pollution Taxes and Voluntary Agreements: a Game Theoretic Approach”, 2009-2010.

### **Awards and Fellowships**

Research, Scholarly, and Creative Activities Summer Stipend Award, California State University, Long Beach, 2011

One Time Block Grant for Research Support Assigned Time Award, California State University, Long Beach, 2010

Scholarly and Creative Activities Committee (SCAC) Assigned Time Award, California State University, Long Beach, 2009

Scholarly and Creative Activities Committee (SCAC) Summer Stipend Award, California State University, Long Beach, 2008

Scholarly and Creative Activities Committee (SCAC) Assigned Time Award, California State University, Long Beach, 2007

Rodolfo Gonzalez Award for Outstanding Alumni, San Jose State University, 2006

Scholarly and Creative Activities Committee (SCAC) Summer Stipend Award, California State University, Long Beach, 2006

Arthur S. DeVany Award for Best Paper Presented in Graduate Prospectus Seminar, University of California, Irvine, 2003

University of California Transportation Center Research Fellowship, 2003

Institute for Mathematical Behavioral Sciences Summer Research Fellowship, 2001

### **Press Interviews**

BeachTV Campus Connection, On-Air Interview with Lydia Ham, March 2009  
(<http://www.youtube.com/watch?v=VdSeM3agLGo>)

LA Daily News, “Rush Hour Starts Sooner as More Drivers Hit Road Before Sunrise”, Sue Doyle,  
December 30, 2007

Washington Square, “Barstool Economists: They Just Love the Battle of Ideas”, Mansi Bhatia,  
Spring 2006

This Week @ The Beach, “Assistant Professor of Economics at CSULB Receives Grant to Study  
Traffic Mitigation at Port Complex”, Rick Manly, July 31, 2006

METRANS News, “New CSULB Economist’s Research Will Alleviate Freeway Congestion”, Mary  
E. Barton, October 2005.

### **Professional Affiliations**

American Economic Association

Advisory Board Chair, Principled Strategies, Inc. (Encinitas, CA)

Southern California Asian Pacific Islander Network

Western Economic Association International