

EDUCATION

- **University of British Columbia** 2006 PhD in Business Administration, major Transportation and Logistics/Strategy and Business Economics
- **Universidad de Chile** 2001 Master of Science in Transport Engineering
- 2001 Professional Degree in Transport Civil Engineering
- 1999 Bachelor of Sciences in Engineering major Civil Engineering

POSITIONS

- 2007 Assistant Professor, Civil Engineering Department, Universidad de Chile
- 2002 - 2006 Instructor, Civil Engineering Department, Universidad de Chile

PUBLICATIONS

Journals

Basso, L.J., Clements, M.T. and Ross, T.W. (2009) "Morale Hazard and Customer Loyalty Programs", **American Economic Journal: Microeconomics**, in press.

Yuen, A. Basso, L.J. and Zhang, A. (2008) "Effects of Gateway Congestion Pricing on Optimal Highway Tolls", **Journal of Transport Economics and Policy**, 42(3), 495-526.

Basso, L.J. and Zhang, A. (2008) "On the Relationship Between Airport Pricing Models", **Transportation Research Part B**, 42, 725-735.

Basso, L.J. and Zhang, A. (2008) "Sequential Peak-Load Pricing: The case of airports and Airlines", **Canadian Journal of Economics**, 41(3), 1093-1125.

Basso, L.J. (2008) "Airport Deregulation: Effects on Pricing and Capacity", **International Journal of Industrial Organization**, 26, 1015-1031.

Basso, L.J. and Oum, T.H. (2007) "Automobile Fuel Demand: a critical assessment of empirical methodologies", **Transport Reviews**, 27(4), 449-484.

Basso, L.J. and Zhang, A. (2007) "Congestible Facility Rivalry in Vertical Structures", **Journal of Urban Economics**, 61, 218-237.

Basso, L.J. and Jara-Díaz, S.R. (2006) "Is Returns to Scale with Variable Network Size Adequate for Transport Industry Structure Analysis?", **Transportation Science**, 40, 259-268

Basso, L.J. and Jara-Díaz, S.R. (2006) "Distinguishing Multiproduct Economies of Scale from Economies of Density on a Fixed-size Transport Network", **Networks and Spatial Economics**, 6(2), 149-162

Basso, L.J. and Jara-Díaz, S.R. (2005) "Calculation of Economies of Spatial Scope from Transport Cost Functions with Aggregate Output (with an application to the airline industry)", **Journal of Transport Economics and Policy**, 39(1), 25-52.

Jara-Díaz, S.R. and Basso, L.J. (2003) "Transport Cost Functions, Network Expansions and Economies of Scope", **Transportation Research E**, 39(4), 271-288.

Jara-Díaz, S.R., Martínez-Budría, E., Cortés, C.E. and Basso, L.J. (2002) "A Multioutput Cost Function for the Services of Spanish Ports' Infrastructure", **Transportation**, 29(4), 419-437.

Books and book chapters

Jara-Díaz, S.R. and Basso, L.J. (2007) **Actas XIII Congreso Chileno de Ingeniería de Transporte**, editors.

Basso, L.J. and Zhang, A. (2007) "An interpretative survey of analytical models of airport pricing", in D. Lee (Ed.), **Advances in Airline Economics, vol. 2: The Economics of Airline Institutions**, Operations and Marketing, Elsevier, 89-124.

Conferences

Yuen, A. Basso, L.J. and Zhang, A. (2008) "Effects of Gateway Congestion Pricing on Optimal Highway Tolls", XV Pan-American Conference of Traffic and Transportation Engineering, Cartagena de Indias, Colombia..

Basso, L.J. and Ross, T.W. (2008) "Estimating Damages from Price-Fixing in Input Markets" 6th annual International Industrial Organization Conference, Washington DC, US.

Basso, L.J. and Zhang, A. (2007) "Congestible Facility Rivalry in Vertical Structures", 11th World Conference on Transport Research, Berkeley, California, US.

Basso, L.J. and Zhang, A. (2007) "On the Relationship Between Airport Pricing Models", Air Transport Research Society Conference, Berkeley, California, US.

Clements, M.T., Ross, T.W. and Basso, L.J. (2007) "Moral Hazard and Customer Loyalty Programs", 5th annual International Industrial Organization Conference, Savannah, GA, US.

Basso, L.J. and Zhang, A. (2006) "Competition in Multiple Airports Regions: Congestion, Pricing and Capacity Investment", XIV Pan-American Conference of Traffic and Transportation Engineering, Las Palmas de Gran Canaria, Spain.

Basso, L.J. and Jara-Díaz, S.R. (2006) "Hacia un Correcto Análisis de Escala y Diversidad (Scope) en las Industrias de Transporte", XIV Pan-American Conference of Traffic and Transportation Engineering, Las Palmas de Gran Canaria, Spain.

Basso, L.J. and Zhang, A. (2006) "Sequential Peak-load Pricing in a vertical Setting: the Case of Airports and Airlines", 4th annual International Industrial Organization Conference, Boston, MA, US.

Basso, L.J. (2006) "On Input Markets Surplus and its Relation to the Downstream Market Game", Canadian Economics Association 40th Annual Meeting, Montreal, Canada.

Basso, L.J. and Zhang, A. (2006) "Peak-Load Pricing in a Vertical Setting: The Case of Airports and Airlines", US Transportation Research Forum Annual Meeting, New York, US.

Basso, L.J. (2006) "Airport Ownership and Its Effects on Capacity and Price", US Transportation Research Forum Annual Meeting, New York, US.

Basso, L.J. (2005) “An Oligopoly Model for the Airline Market and its Relation to the Analysis of Airport Pricing”, XII Chilean Congress of Transport Engineering, October, Valparaiso, Chile, pp 15-28.

Basso, L.J. (2005) “A New Approach to the Analysis of Airport Pricing, Capacity and Ownership”, XII Chilean Congress of Transport Engineering, October, Valparaiso, Chile, pp 29-42.

Basso, L.J. and Jara-Díaz, S.R. (2004) “Distinguishing Economies of Scale from Economies of Density on a Fixed-Size Transport Network”, XIII Pan-American Conference of Traffic and Transportation Engineering, Albany, NY.

Basso, L.J. and Jara-Díaz, S.R. (2004) “From Economies of Scale with Variable Network Size to Economies of Spatial Scope”, 10th World Conference on Transport Research, Istanbul, Turkey.

Basso, L.J. and Jara-Díaz, S.R. (2003) “Cálculo de las Economías de Diversidad Espacial Provocadas por la Expansión de las Redes de Transporte”, XI Chilean Congress of Transport Engineering, 337-349.

Jara-Díaz, S.R. and Basso, L.J. (2002) “Influencia de la Dimensión Especial del Producto en las Funciones de Costo y el Análisis de Estructura Industrial en Transporte: una perspectiva tecnológica”, proceedings XII Pan-American Congress of Traffic and Transportation Engineering.

Work in Progress

Basso, L.J. “On Input Markets Surplus and its Relation to the Downstream Market Game”, working paper, Sauder School of Business, University of British Columbia (<http://ssrn.com/abstract=961471>)

Basso, L.J., Jara-Díaz, S.R. “The Case for Subsidisation of Urban Public Transport and the Mohring Effect”.

Basso, L.J., Jara-Díaz, S.R. and Waters II, W. “Cost Functions for Transport Firms”, draft Chapter for **Handbook in Transport Economics**, R. Lindsey, A. de Palma, E. Quinet and R. Vickerman, editors.

Basso, L.J. and Ross, T.W. “Estimating Damages from Price-Fixing in Input Markets”, working paper, Sauder School of Business, University of British Columbia. (http://csgb.ubc.ca/files/2007_basso.pdf)

PRIZES AND HONOURS

- 2006 Jim Davey Award for the Best Doctoral Paper, Canadian Transportation Research Forum
- 2004 Isaac Walton Killam Memorial pre-doctoral fellow (two years), University of British Columbia (CDN\$50,000)
- 2003 Canadian National Railway Fellowship in Transportation Studies, University of British Columbia (CDN\$16,000)
- 2003 Eno Transportation Foundation Fellow.
- 2002 Canadian National Railway Fellowship in Transportation Studies, University of British Columbia (CDN\$16,000)
- 2002 Prize *Colegio de Ingenieros de Chile* (College of Engineers of Chile) to the best new Civil Engineer from Universidad de Chile in 2001.
- 2001 Graduated with highest honours, Maser of Science in Transport Engineering
Graduated with highest honours, Professional Degree in Transport Civil Engineering
- 1999 Graduated with honours, Bachelor of Sciences in Engineering major Civil Engineering

RESEARCH PROJECTS

- From May 2007 Junior Researcher with the Millenium Institute “Complex Engineering Systems”. Research Institute funded by Iniciativa Cientifica Milenio, MIDEPLAN, Chile.
- Mar 2007 – Mar 2009 Principal Investigator, Research Project “Privatization and Regulation of Airports: Economic Foundations for Public Policy”. Research grant 1070711, FONDECYT, Chile.
- Sep. 2002 - Mar. 2003 Co-researcher in the project “*An interpretative survey of gasoline consumption demand by passenger automobiles: Focus on short and long run price elasticities*”. Transport Canada, Policy and Coordination Branch, Economic Analysis Division.
- 2001 Research Assistant in the research project “*Spatial and Temporal Innovations in the Supply and Demand Modelling in Transport*”, FONDECYT, Chile.
- 1999-2000 Research Assistant in the research project “*Methodological Developments in the Microeconomic Modelling of Transport Systems*”, FONDECYT, Chile.
- 1997 Research Assistant in the research project “*Models and Optimisation Algorithms in the Optimal Management of Land and Transport*”, FONDAP, Chile

ACADEMIC EXPERIENCE

- 2008 Visiting Scholar University of British Columbia (January)
Referee for the Journal of Transport Economics and Policy (wiegans and Janic)
Referee for Transportation Research B (Bilotkach)
Referee for Journal of Urban Economics (Verhoef)
Referee for Energy Journal
Referee for Transportation Journal
- 2007 Co-organizer, Cuarto Taller de Jovenes Cientificos, Iniciativa Cientifico Milenio
Executive Secretary, Program Committee, XIII Chilean Congress of Transport Engineering
Referee for Transportation Science
Referee for Networks and Spatial Economics
Referee for the Journal of Transport Economics and Policy
Referee for Regional Science and Urban Economics
Referee for the World Conference on Transport Research
- 2006 Referee for the XIV Pan-American Conference of Traffic and Transportation Engineering.
Referee for the Journal of Advanced Transportation
Referee for the Journal of Transport Economics and Policy
- July 2005 Selected to attend the Pan-American Advanced Studies Institute on Transportation Science (PASI-TS). July 25 to August 5, Toluca and Queretaro, Mexico.
- 2005 Referee for the Journal of Transport Economics and Policy.
Referee for the XII Chilean Congress of Transport Engineering.
- 2004 Referee for the Journal of Applied Econometrics.
Referee for Transportation Science.
Referee for the Air Transport Research Society World Conference
- May 2003 Referee for the XI Chilean Congress of Transport Engineering.

- April 2003 Selected Eno Fellow to attend the 11th Leadership Development Conference in Washington, D.C. Organized by the Eno Transportation Foundation, this conference brings together 20 transportation and planning graduate students from north American universities and U.S. policymakers and transportation leaders.

SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Sociedad Chilena de Ingeniería de Transporte (by invitation)
- Canadian Economics Association
- World Conference on Transport Research Society
- Air Transport Research Society
- Canadian Transportation Research Forum
- International Industrial Organization Society

TEACHING

- 2008, Microeconomics (IN41A), Faculty of Physics and Mathematics, Universidad de Chile.
- 2008, Competition and Regulation in Transport Markets (CI73L), Faculty of Physics and Mathematics, Universidad de Chile.
- 2007, Microeconomics (IN41A), Faculty of Physics and Mathematics, Universidad de Chile.
- From 1999 to 2002, teaching assistant of Advanced Transport Economics in the Civil Engineering Department, Faculty of Physics and Mathematics, Universidad de Chile.
- From 1999 to 2002, teaching assistant of Transport Economics in the Civil Engineering Department, Faculty of Physics and Mathematics, Universidad de Chile.
- From 1995 to 1999, teaching assistant of Calculus in the Mathematics Department, Faculty of Physics and Mathematics, Universidad de Chile.

EXTENSION

- 2008 Elegido Secretario General de la Sociedad Chilena de Ingeniería de Transporte SOCHITRAN
- Ene. 2008 - Mar. 2008 Invitado por el Sr. Ministro de Transportes y Telecomunicaciones a integrar un panel de 12 expertos, quienes debían analizar el sistema de transporte público de Santiago y recomendar medidas concretas de corto, mediano y largo plazo, para mejorar su funcionamiento. El resultado del trabajo (*pro bono*) fue un documento titulado “Diagnóstico, Análisis y Recomendaciones sobre el Desarrollo del Transporte Público en Santiago”.
- 2007 Invitado a la Radio de la Universidad de Chile, al programa “Milenio, en sintonía con la ciencia” conducido por Vicky Barahona, para hablar acerca de las problemáticas esenciales respecto de la regulación económica de los aeropuertos y de algunos de los resultados que he obtenido al respecto.

- Jun. 2000 - Mar. 2005 Co-editor of the internet journal TRANVIA (www.revistatranvia.cl, in Spanish), whose goal was to promote the discussion on transportation and urbanism topics. It contained original articles written by academics, transport operators, decision makers and non-government organizations both Chilean and non-Chilean. It also contained a summary with the latest news related to transport policies. Twenty five issues were published. Editorials in numbers 5, 7, 9 and 10.
- 2003 Basso, L.J. “El Automóvil Particular: un derroche de recursos”, chapter 7 in **Muévete por tu Ciudad**, R. Quijada and L. Sagaris eds., LOM, Santiago Chile
- Aug. 2002 Debate with German Correa, Director of the Urban Transport Plan for Santiago. Radio Universidad de Chile
- April 2000 Co-organizer of the seminar “Challenges in Public Transportation for a Sustainable City”, which was sponsored by the Transportation Division of the Civil Engineering Department and had the Chilean Minister of Transport among the presenters.

LEADERSHIP

- 2004 Co-president of the PhD Student Society of the Sauder School of Business.
- 1997 - 1998 Elected president of the discussion group *Students for University Excellence*, whose goal was to discuss University and government policies related to education.
- 1998 Elected representative for the Faculty of Physics and Mathematics to the Student Union (the Faculty has 3,000 students aprox., the University has 19,000 students aprox.)

PERSONAL

- Since October 2007, guitar player in the progressive rock band *Fugazi* (www.fugazi.cl)
- From 1996 to 2002 and since November 2007, guitar player in the progressive rock band *Subterra* (www.subterra.org). CD “*Sombras de Invierno*” released in March 2001 at the Baja Prog Festival in Mexicali, Mexico.