

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

2011	Associate Professor, Civil Engineering Department, Universidad de Chile
2007 - 2010	Assistant Professor, Civil Engineering Department, Universidad de Chile
2002 - 2006	Instructor, Civil Engineering Department, Universidad de Chile

PUBLICATIONS

Journals

Breugelmans, E., Bijmolt, T.H.A., Zhang, J., Basso, L.J., Dorotic, M., Kopalle, P., Minnema, A., Mijnlieff, W.J. & Wunderlich, N.V. (2014) "Advancing Research on Loyalty Programs: A Future Research Agenda", **Marketing Letters**, forthcoming.

Basso, L.J. & Silva, H.E. (2014) "Efficiency and Substitutability of Transit Subsidies and other Urban Policies", **American Economic Journal – Economic Policy**, forthcoming.

Basso, L.J. (2013) "On Input Markets Surplus and its Relation to the Downstream Market Game", **Canadian Journal of Economics**, 46, 266-281.

Basso, L.J., Jara-Díaz, S.R. (2012) "Integrating Congestion Pricing, Transit Subsidies and Mode Choice", **Transportation Research Part A**, 46, 890-900.

Basso, L.J., Guevara, C.A., Gschwender, A. & Fuster, M. (2011) "Congestion Pricing, Transit Subsidies and Dedicated Bus Lanes: Efficient and Practical Solutions to Congestion", **Transport Policy**, 18(5), 676-684.

Basso, L.J., & Ross, T.W. (2010) "Measuring the True Harm from Price-Fixing for Both Direct and Indirect Purchasers", **Journal of Industrial Economics**, 58(4), 895-927.

Basso, L.J., Jara-Díaz, S.R. (2010) "The Case for Subsidisation of Urban Public Transport and the Mohring Effect", **Journal of Transport Economics and Policy**, 44, 365-372.

Basso, L.J. & Zhang, A. (2010) "Pricing vs. Slot Policies when Airport Profits Matter" **Transportation Research Part B**, 44, 381-391.

Basso, L.J., Clements, M.T. & Ross, T.W. (2009) "Moral Hazard and Customer Loyalty Programs", **American Economic Journal: Microeconomics**, 1(1), 101-123.

Yuen, A. Basso, L.J. & 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. & Zhang, A. (2008) "On the Relationship Between Airport Pricing Models", **Transportation Research Part B**, 42(9), 725-735.

Basso, L.J. & 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(4), 1015-1031.

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

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

Basso, L.J. & 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. & 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. & 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. & 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

Basso, L.J. (2013) "Desarrollo Urbano y Congestión: diagnostic y respuestas par alas grandes ciudades chilenas", in **Chile Urbano Hacia el Siglo XXI**, López, E. Arriagada, C. Jirón, P y Eliash, H. eds. Editorial Universitaria, Santiago Chile.

Basso, L.J., Jara-Díaz, S.R. & Waters II, W.G. (2011) "Cost Functions for Transport Firms", chapter 12 in A. de Palma, R. Lindsey, E. Quinet and R. Vickerman (Eds.), **Handbook in Transport Economics**, Edward Elgar, 273-297

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

Basso, L.J. & 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 and Workshops (last 5 years)

Leonardo J. Basso & Ross, T.W., J. (2014) ““Bidding the Project” vs. “Bidding the Envelope” in Public Sector Infrastructure Procurements”, Conference of the International Transport Economics Association 2014, Toulouse, France.

Leonardo J. Basso, Cortés, C.E. & Orrego, J. (2013) “Bus corridor delay functions for economic analysis of urban transport policies”, Kuhmo Nectar Conference and Summer School on Transportation Economics 2013, Evanston, USA.

Basso, L.J. & Nuñez, R. (2013) “Pricing and congestion in transport facilities under public – private competition and vertical integration”, Kuhmo Nectar Conference and Summer School on Transportation Economics 2013, Evanston, USA.

Basso, L.J., Wan, Y. & Zhang, A. (2013) “Seaport Competition and Strategic Investment in Accessibility”, XVI Congreso Chileno de Ingeniería de Transporte

Basso, L.J. & , Figueroa, N. & Aravena, A. (2012) “Effects of imperfect information on Pigouvian taxes with non-atomistic agents: the congested airport case”, Kuhmo Nectar Conference and Summer School on Transportation Economics 2012, Berlin, Germany.

Basso, J.L. & Silva, H. (2012) “Efficiency and Complementarity of Transit Subsidies and Other Urban Transport Policies” Conference on Advanced Systems for Public Transport – CASPT12, Santiago, Chile.

Basso, L.J. & Feres, F. (2012) “Programas de viajero frecuente bajo selección adversa y riesgo moral”, XVII Pan-American Conference in Traffic, Transportation and Logistics Engineering PANAM2012, Santiago, Chile (October)

Basso, L.J., Figueroa, N. & Aravena, A. (2012) “Efectos de la información imperfecta sobre Impuestos Pigouvianos con agentes no-atomísticos: el caso de los aeropuertos congestionados”, XVII Pan-American Conference in Traffic, Transportation and Logistics Engineering PANAM2012, Santiago, Chile (October)

Basso, L.J. & Feres, F. (2012) “Frequent Flyer Programs: adverse selection and moral hazard”, Kuhmo Nectar Conference and Summer School on Transportation Economics 2012, Berlin, Germany.

Basso, L.J. & Feres, F. (2011) “Adverse Selection and Moral Hazard In Customer Loyalty Programs”, Cuarto Taller de Organización Industrial TOI, Zapallar, Chile (Diciembre)

Basso, L.J. & Czerny, A. (2011) "Passenger Versus Movement Based Charges on Transport Infrastructure" Canadian Economics Association Meeting, Ottawa, Canada (June).

Basso, J.L. & Silva, H. (2011) “Efficiency and Complementarity of Transit Subsidies and Other Urban Transport Policies”, Kuhmo-Nectar Conference on Transport Economics, Stockholm, Sweden (July).

- Basso, L.J., & Nuñez, R. (2011) “Tarificación y congestión en terminales de transporte bajo competencia mixta”, XV Congreso Chileno de Ingeniería de Transporte.
- Basso, L.J., & Jara-Díaz, M. (2011) “Integrating Congestion Pricing, Transit Subsidies and Mode Choice Models: Beyond the Downs-Tompson Hypothesis”, XV Congreso Chileno de Ingeniería de Transporte.
- Muñoz, J., Jara-Díaz, S. & Basso, L.J. (2011) “Un análisis microeconómico de la estructura tarifaria en puertos de contenedores”, Congreso Chileno de Ingeniería de Transporte.
- Basso, L.J. (2011) “On the Equivalence of Congestion Pricing and Slot Auctioning at Congested Airports ”, Congreso Chileno de Ingeniería de Transporte.
- Basso, L.J. (2010) “Efficiency of Slot-auctioning at Congested Airports”, Encuentro de la Sociedad de Economía de Chile, Talca, Chile (septiembre).
- Basso, L.J. & Jara-Moroni, P. (2010) “A Two-Stage Model of R&D with Endogenous Timing in Quantity Competition” Encuentro de la Sociedad de Economía de Chile, Talca, Chile (septiembre).
- Basso, J.L. & Silva, H. (2010) “A microeconomic analysis of congestion management policies”, Encuentro de la Sociedad de Economía de Chile, Talca, Chile (septiembre).
- Basso, L.J. (2010) “Efficiency of Slot-auctioning at Congested Airports”, World Conference on Transport Research, Lisbon, Portugal (July).
- Basso, L.J., Jara-Díaz, S. & Muñoz J. (2010) “Modelos de Tarificación en Servicios Portuarios”, XVI Pan-American Conference of Traffic and Transportation Engineering, Lisbon, Portugal (July)
- Basso, J.L. & Silva, H. (2010) “A microeconomic analysis of congestion management policies”, Kuhmo-Nectar Conference on Transport Economics , Valencia, Spain (July)
- Basso, L.J. & Jara-Díaz, S. (2010) “A Complete Model Beyond the Downs-Thompson Paradox”, Kuhmo-Nectar Conference on Transport Economics , Valencia, Spain (July)
- Basso, L.J. (2010) “Efficiency of Slot-auctioning at Congested Airports” Workshop on aviation economics, University of British Columbia (May).
- Basso, L.J. & Jara-Moroni, P. (2010) “A Two-Stage Model of R&D with Endogenous Timing in Quantity Competition” Canadian Economics Association Meeting, Québec City, Canada (May).
- Basso, L.J., Figueroa, N. & Vásquez J. (2010) “Airport Monopoly Regulation: Price vs Quantity”, 8th annual International Industrial Organization Conference, Vancouver, Canada, (May).
- Basso, L.J. & Jara-Moroni, P. (2009) “A Two-Stage Model of R&D with Endogenous Timing in Quantity Competition” Segundo Taller de Organización Industrial (TOI), Marbella, Chile (diciembre).
- Basso, L.J., Guevara, C.A., Gschwender, A. & Fuster, M. (2009) “Congestion Pricing, Transit Subsidies and Dedicated Bus Lanes: Efficient and Practical Solutions to Congestion”, XIV Congreso Chileno de Ingeniería de Transporte.
- Basso, L.J., Figueroa, N. & Vásquez J. (2009) “Price vs Slot Regulation of Airports: effects of incomplete information and regulator’s sophistication” Keynote Speech, German Aviation Research Society Conference, Bremen, Germany (July).
- Basso, L.J. & Zhang, A. (2009) “Congestion Pricing vs. Slot Policies when Airport Profits Matter”, Kuhmo-Nectar Conference on Urban and Transport Economics, Copenhagen, Denmark (July)

Basso, L.J., Guevara, C.A., Gschwender, A. & Fuster, M. (2009) “Congestion Pricing, Transit Subsidies and Dedicated Bus Lanes: Efficient and Practical Solutions to Congestion”, International Transport Economics Conference, Minneapolis, Minnesota, US (June).

Basso, L.J., Figueroa, N. & Vásquez J. (2009) “Prices Vs. Quantities under Incomplete Information” 7th annual International Industrial Organization Conference, Boston MA, US.

PRIZES AND HONOURS

- 2012 Second Prize, Best paper in Kuhmo Nectar Conference in Transport Economics. Paper “Frequent Flyer Programs: adverse selection and moral hazard” (with Fernando Feres)
- 2011 Second Prize, Best paper in Kuhmo Nectar Conference in Transport Economics. Paper “Efficiency and Complementarity of Transit Subsidies and Other Urban Transport Policies” (with Hugo Silva)
- 2008 PhD Dissertation selected as University of British Columbia’s nominee for the 2008 Council of Graduate Studies Distinguished Dissertation Award competition.
- 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

- Mar 2013 – Mar 2015 Principal Investigator, Research Project “Is road capacity expansion a self-defeating policy? An economic analysis”. Research grant 1130133, FONDECYT, Chile.
- 2011 to date Key Researcher at the Millenium Institute “Complex Engineering Systems”. Research Institute funded by Iniciativa Cientifica Milenio, MIDEPLAN, Chile.
- Mar 2009 – Mar 2011 Principal Investigator, Research Project “Transport Gateways: Analysis of Competition, Regulation And Market Performance”. Research grant 1090187, FONDECYT, Chile.
- 2008 Principal Investigator, Incentive to International Cooperation Project, “Privatization and Regulation of Airports: Economic Foundations for Public Policy”. Research grant 7080085, FONDECYT, Chile.

Mar 2007 – Mar 2009	Principal Investigator, Research Project “Privatization and Regulation of Airports: Economic Foundations for Public Policy”. Research grant 1070711, FONDECYT, Chile.
2007 - 2011	Junior Researcher with the Millenium Institute “Complex Engineering Systems”. Research Institute funded by Iniciativa Cientifica Milenio, MIDEPLAN, Chile.
Sep. 2002 - Mar. 2003	Co-researcher in the project “ <i>An interpretative survey of gasoline consumption demand by passenger automobiles: Focus on short and long run price elasticities</i> ”. Transport Canada, Policy and Coordination Branch, Economic Analysis Division.
2001	Research Assistant in the research project “ <i>Spatial and Temporal Innovations in the Supply and Demand Modelling in Transport</i> ”, FONDECYT, Chile.
1999-2000	Research Assistant in the research project “ <i>Methodological Developments in the Microeconomic Modelling of Transport Systems</i> ”, FONDECYT, Chile.
1997	Research Assistant in the research project “ <i>Models and Optimisation Algorithms in the Optimal Management of Land and Transport</i> ”, FONDAP, Chile

TEACHING

2014	<ul style="list-style-type: none"> ▪ Economics (IN2201), Faculty of Physics and Mathematics, Universidad de Chile (twice) ▪ Competition and Regulation in Transport Markets (CI5310), Faculty of Physics and Mathematics, Universidad de Chile
2013	<ul style="list-style-type: none"> ▪ Economics (IN2201), Faculty of Physics and Mathematics, Universidad de Chile. ▪ Competition and Regulation in Transport Markets (CI5310), Faculty of Physics and Mathematics, Universidad de Chile
2012	<ul style="list-style-type: none"> ▪ Economics (IN2201), Faculty of Physics and Mathematics, Universidad de Chile. (twice)
2011	<ul style="list-style-type: none"> ▪ Economics (IN2201), Faculty of Physics and Mathematics, Universidad de Chile (twice) ▪ Competition and Regulation in Transport Markets (CI5310), Faculty of Physics and Mathematics, Universidad de Chile
2010	<ul style="list-style-type: none"> ▪ Economics (IN2201), Faculty of Physics and Mathematics, Universidad de Chile. ▪ Competition and Regulation in Transport Markets (CI63L), Faculty of Physics and Mathematics, Universidad de Chile ▪ Transportation Economics (COMM466), Sauder School of Business, The University of British Columbia. ▪ Advanced Topics in Transportation Research (COMM644), Sauder School of Business, The University of British Columbia.
2009	<ul style="list-style-type: none"> ▪ Economics (IN2201), Faculty of Physics and Mathematics, Universidad de Chile. (twice) ▪ Competition and Regulation in Transport Markets (CI63L), Faculty of Physics and Mathematics, Universidad de Chile. ▪ Directed Studies (CI65A), Faculty of Physics and Mathematics, Universidad de Chile. (twice)
2008	<ul style="list-style-type: none"> ▪ Microeconomics (IN41A), Faculty of Physics and Mathematics, Universidad de Chile. (twice) ▪ Competition and Regulation in Transport Markets (CI73L), Faculty of Physics and Mathematics, Universidad de Chile.
2007	<ul style="list-style-type: none"> ▪ Microeconomics (IN41A), Faculty of Physics and Mathematics, Universidad de Chile. (twice)

SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Miembro del Directorio de ProUrbana, del Centro de Políticas Públicas UC (2014, ad honorem)
- Sociedad Chilena de Ingeniería de Transporte (by invitation); President since 2011.
- Canadian Economics Association
- International Transport Economics Association
- Air Transport Research Society
- International Industrial Organization Society
- Sociedad Chilena de Economía

RECENT ACADEMIC AND EXTENSION ACTIVITIES

- Member of the Presidential Commission to develop the Nueva Política Nacional de Desarrollo Urbano (*New National Urban Development Policy*), 2012-2013.
- President Sociedad Chilena de Ingeniería de Transporte SOCHITRAN (2011-2013) (*Chilean Society of Transport Engineers*)
- In the Editorial *Board of Economics of Transportation* and *Journal of Air Transport Management*
- Referee reports in 2014: *Economics of Transportation*, *Transportation Research A*, *International Journal of Industrial Organization*

OTHERS

- Since Oct. 2007 Guitar player in the Marillion Tribute Band *Fugazi* (www.fugazi.cl, www.youtube.com/fugazichile)
- 1996 – 2002 Guitar player in the progressive rock band *Subterra*. CD “*Sombras de Invierno*” released in March 2001 at the Baja Prog Festival in Mexicali, Mexico. Two other CDs released afterwards.