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- EDUCATION** Ph.D. University of Maryland College Park (2004)
M.Sc. University of Texas at Austin (1998)
B.S. Summa Cum Laude, Universidad Nacional de Córdoba (1993)
- ACADEMIC POSITIONS** Portland State University
College of Engineering and Computer Science
Civil Engineering Department
Assistant Professor (2007)
- University of Sydney
Faculty of Economics & Business
Assistant Professor - Senior Lecturer (2004)
- JOURNAL PUBLICATIONS**
1. FiglioZZi, M.A., H.S. Mahmassani, and P. Jaillet, *Pricing in Dynamic Vehicle Routing Problems*. Transportation Science, 2007. **41**(3): p. 302.
 2. Hensher, D. and M.A. FiglioZZi, *Behavioural insights into the modelling of freight transportation and distribution systems*. Transportation Research Part B, 2007. **41**(9): p. 921-923.
 3. FiglioZZi, M.A., *Analysis of the efficiency of urban commercial vehicle tours: Data collection, methodology, and policy implications*. Transportation Research Part B, 2007. **41**(9): p. 1014-1032.
 4. FiglioZZi, M.A., *Analysis and Evaluation of Incentive Compatible Dynamic Mechanisms for Carrier Collaboration*. Transportation Research Record 1966, 2006: p. 34-40.
 5. FiglioZZi, M.A., H. Mahmassani, and P. Jaillet, *Quantifying Opportunity Costs in Sequential Transportation Auctions for Truckload Acquisition*. Transportation Research Record 1964, 2006: p. 247-252.
 6. FiglioZZi, M.A., *Modeling the Impact of Technological Changes on Urban Commercial Trips by Commercial Activity Routing Type*. Transportation Research Record 1964, 2006: p. 118-126.
 7. FiglioZZi, M.A., H. Mahmassani, and P. Jaillet, *Auction Settings and Performance of Electronic Marketplaces for Truckload Transportation Services*. Transportation Research Record 1906, 2005: p. 89-97.
 8. FiglioZZi, M.A., H. Mahmassani, and P. Jaillet, *Competitive Performance Assessment of Dynamic Vehicle Routing Technologies Using Sequential Auctions*. Transportation Research Record 1882, 2004(1882): p. 10-18.
 9. FiglioZZi, M.A., H. Mahmassani, and P. Jaillet, *Framework for study of carrier strategies in auction-based transportation marketplace*. Transportation Research Record 1854, 2003(1854): p. 162-170.
 10. FiglioZZi, M.A., R. Harrison, and J.P. McCray, *Estimating Texas-Mexico North American free trade agreement truck volumes*. Transportation Research Record 1763, 2001(1763): p. 42-47.

11. Figliozi, M.A., R. Harrison, and J.P. McCray, *Using weigh-in-motion data to calibrate trade-derived estimates of Mexican trade truck volumes in Texas*. Transportation Research Record 1719, 2000(1719): p. 129-135.

**REFEREED
CONFERENCE
PROCEEDINGS**

1. Figliozi, M.A., *Planning Approximations to the Average Length of Vehicle Routing Problems with Varying Customer Demands and Routing Constraints*. Proceeding of the 87th Transportation Research Board Annual Meeting CD- Washington DC. USA, 2008.
2. Greaves, S. and M. Figliozi, *Urban Commercial Vehicle Tour Data Collection Using Passive GPS Technology: Issues And Potential Applications*. Proceeding of the 87th Transportation Research Board Annual Meeting CD - Washington DC. USA, 2008.
3. Figliozi, M.A., *The Impacts of Congestion on Commercial Vehicle Tours Characteristics and Costs*. Proceedings 2nd Annual National Urban Freight Conference, Long Beach, CA. December, 2007.
4. Figliozi, M.A., L. Kingdon, and A. Wilkitzki, *Analysis of Freight Tours in a Congested Urban Area Using Disaggregated Data: Characteristics and Data Collection Challenges*. Proceedings 2nd Annual National Urban Freight Conference, Long Beach, CA. December, 2007.
5. Figliozi, M.A., *Impact of Commercial Vehicle Tour Types on Vehicle Kilometers Traveled in Urban Areas*. Proceeding of the 86th Transportation Research Board Annual Meeting CD - January 2007 - Washington DC. USA, 2007.
6. Figliozi, M.A., L. Kingdon, and A. Wilkitzki, *Commercial Vehicle Tours and Road Congestion in Urban Areas: Implications for Carriers' Operations and Public Data Collection and Dissemination Efforts*. Proceeding of the 86th Transportation Research Board Annual Meeting CD - January 2007 - Washington DC. USA, 2007.
7. Figliozi, M.A. *A framework to understand the impact of logistics trends and technological changes on truck flows*. in *Proceedings 28th Australasian Transport Research Forum*. 2005. Sydney, Australia.
8. Figliozi, M.A., H. Mahmassani, and P. Jaillet. *Modeling Carrier Behavior in Sequential Auction Transportation Markets*. in *10th International Conference on Travel Behaviour Research (IATBR), August 2003*. 2003.

BOOK CHAPTERS

Figliozi, M.A., H. Mahmassani, and P. Jaillet, *Repeated Auction Games and Learning Dynamics in Electronic Logistics Marketplaces: Complexity, Bounded Rationality, and Regulation through Information*, in *Managing Complexity: Insights, Concepts, Applications*, D. Helbing, Editor. 2008, Springer: Berlin. p. 137-175.

DISSERTATION

Figliozi, M. 2004. *Analysis of Spot Truckload Procurement Markets Using Sequential Auctions*. Faculty of Civil and Environmental Engineering, University of Maryland, College Park. 253 pages. Awarded the INFORMS Transportation & Logistics Dissertation Award 2004. -- Advisors: Hani S. Mahmassani and Patrick Jaillet

TEACHING

Engineering (Portland State University)
- Transportation Systems
- Freight Transportation and Logistics
- Networks and Optimization

Business School (University of Sydney)
- Logistics Systems (graduate course)
- Maritime Logistics (graduate course)
- Logistics and Business Information Systems (graduate course)

PH D STUDENTS Zeyan Zhang, Ph D. Candidate, Dissertation Title “Analysis and Evaluation of Transport Related Supply Chain Disruptions for Importers and Exporters”

REPORTS & INDUSTRY PUBLICATIONS Damjanovic, I., Figliozzi, M., Mladenovic, G., and Majzelj, T. 2005. Business Operations, Information Technologies and Highway Concessions: Bratsvo-Jedinstvo on Life-Support. Ekonomist, Serbia & Montenegro, 268.

Harrison, R. and Figliozzi, M. 2001. Impacts Of Containership Size, Service Routes, And Demand On Texas Gulf Port, Center for Transportation Research, The University of Texas at Austin.
http://www.utexas.edu/research/ctr/pdf_reports/1833_3.pdf

Figliozzi, M. and Harrison, R. 2001. Truck Trade Corridors between The U.S. and Mexico. Center for Transportation Research, The University of Texas at Austin. <http://swutc.tamu.edu/Reports/472840-00071-1.pdf>

Harrison, R., Figliozzi, M., and Walton, C.M. 2000. Mega-Containerships and Mega-Container ports in the Gulf Of Mexico: a Literature Review and Annotated Bibliography. Center for Transportation Research, The University of Texas at Austin. http://www.utexas.edu/research/ctr/pdf_reports/1833_1.pdf

Harrison, R., Figliozzi, M., Using Weigh-in-Motion Data to Calibrate Trade Derived Estimates of NAFTA Truck Volumes in Texas

HONORS Guest Editor to the Special Issue of Transportation Research, part B on “Behavioral Insights into the Modeling of Freight Transportation and Distribution Systems”. Issue to appear November / December 2007

National Science Foundation Fellowship for the Conference of the Pan-American Advanced Studies Institute on Transportation Sciences in Mexico, July - August 2005

INFORMS Transportation & Logistics Dissertation Award (Honorable Mention) to the best dissertation in Transportation and Logistics during 2004

Summa Cum Laude, Universidad Nacional de Córdoba, 1993

RESEARCH GRANTS Figliozzi, MA, 2007, Freight Distribution Problems in Congested Urban Areas, Oregon Transportation Research and Education Consortium, \$51,867

Bertini, RL, Figliozzi, MA, 2007, Oregon Freight Data Mart, Oregon Transportation Research and Education Consortium, \$160,000.

Figliozzi, MA, 2007, Practical Approximations to Quantify the Impact Of Time Windows and Delivery Sizes on VMT Multi-Stop Tours, Oregon Transportation Research and Education Consortium, \$51,900

Figliozi, MA, 2007, Development of a Course in Distribution Logistics, Oregon Transportation Research and Education Consortium, \$21,332

Figliozi, MA , Greaves SP, Modeling the Environmental Impacts of Commercial Vehicle Tours and Freight Management Policies in Urban Areas, Australian Research Council, \$ 200,000.

Figliozi, MA, Evaluating the Value of Supply Chain Transport Reliability for Sydney-based Importers and Exporters Using Stated Choice Experiments. 2007. Faculty of Economics and Business. \$15,000.

Figliozi, MA, Methodologies to Evaluate and Mitigate the Impact of Traffic Congestion in Urban Freight Distribution Systems, University of Sydney Research Office. 2006. \$17,000

Figliozi, MA, Approximations to the Length of Vehicle Routing Problems in Urban Networks Using Geographical Information Systems. 2006. School of Business. \$9,000.

Figliozi, MA, Evaluating Long Term Modal Split at Sydney Intermodal Yards Using Stated Choice Experiments. 2005. School of Business. University of Sydney. \$13,000.

Figliozi, MA, Evaluating the Impact of Advance Information on Real Time Transportation Service Costs. 2004. School of Business. University of Sydney. \$5,000.

**PROFESSIONAL
ACTIVITIES**

Member Transportation and Logistics Society, Institute for Operations Research and Management Science (INFORMS), 2002 to present.

Member Intermodal Freight Terminal Design and Operations Committee, Transportation Research Board, Academy of Sciences, 2004 to present.

Manuscript Reviewer for:

Australian Economic Review

European Journal of Operational Research

Transportation Science

Transportation Research – Part B

Transportation Research Record (for the following committees: Network Modeling, Freight Transportation and Logistics Planning, and Intermodal Freight Terminal Design and Operations)

Transport Review