

CURRICULUM VITAE

GENEVIEVE GIULIANO

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EDUCATION:

B.A. History, University of California, Berkeley, 1965
Ph.D. Social Science (Transportation), University of California, Irvine, 1980

ACADEMIC POSITIONS:

2016 Harvey Perloff Visiting Professor, UCLA
2009 - Margaret and John Ferraro Chair in Effective Local Government
2005-2015 Senior Associate Dean, Research and Technology
2002-2011 Courtesy appointment, Professor, Dept. of Geography
2001-2022 Director, METRANS Transportation Center, USC and Cal-State Long Beach
1997-1998 Vice Dean, Acting Dean, School of Urban Planning and Development
1998- 2012 Courtesy appointment, Professor, Dept. of Civil Engineering
1997- Professor, School of Policy, Planning and Development/Sol Price School of Public Policy,
University of Southern California
1994-1995 Visiting Professor, Department of Economics, University of California, Irvine
Research Fellow, Lincoln Institute of Land Policy
1992-1998 Director, Lusk Center Research Institute, School of Urban Planning and Development,
University of Southern California
1988-1997 Associate Professor, School of Urban Planning and Development, University of Southern
California
1983-1988 Associate Research Specialist and Assistant to the Director, Institute of Transportation
Studies, University of California, Irvine
1985-1988 Adjunct Lecturer, School of Social Science, University of California, Irvine
1983-1989 Lecturer, University of California Irvine, Extension Program
1982-1983 Associate Research Specialist, Institute of Transportation Studies, University of California,
Irvine
1980-1982 Postdoctoral Researcher, Institute of Transportation Studies and School of Social Science,
University of California, Irvine

RESEARCH INTERESTS:

Land use-transportation relationships; transportation planning and policy analysis; urban freight planning and policy; information technology and transportation

AWARDS:

President, North American Regional Science Council (2023)
 Fellow, Regional Science Association International (2022)
 TRB Regional Transportation Systems Management and Operations Committee (ACP10) best paper award (2021)
 Domenick Miretti Award (2019), contribution to industry and education partnerships
 Walter Isard Award, Distinguished Scholarship Contribution in Regional Science, North American Regional Science Association, 2017
 Chester Rapkin Award, Best Paper in *Journal of Planning Education and Research*, 2016
 Council of University Transportation Centers Distinguished Contribution to Transportation Research and Education, 2013
 Transportation Research Forum Distinguished Transportation Researcher Award, 2012
 Faculty Appreciation Award, USC Office of International Services, 2009
 Thomas B. Deen Distinguished Lectureship, Transportation Research Board, 2006
 W. N. Carey Jr. Distinguished Service Award, Transportation Research Board, 2005
 Outstanding Faculty Award, School of Policy, Planning and Development, 2003
 National Academies of Sciences, National Associate, 2002
 Outstanding Contribution to Students, School of Urban Planning and Development, 1998
 Lincoln Institute of Land Policy Research Fellowship, 1994-1995
 University of California, Irvine, Career Development Award, 1987
 Institute of Transportation Studies Post-Doctoral Fellowship, 1980-1982
 National Science Foundation Fellowship, 1975-1977; 1978-1979

PUBLICATIONS:

Books:

Rodrigue, J-P, A. Conway, L. Dablanc, G. Giuliano, S. Lee, T. O'Brien, eds (2020) *City Logistics: Concepts, Policy and Practice*. Online open access book, available at <https://globalcitylogistics.org/>.

Browne, M., S. Behrends, J. Woxenius, G. Giuliano, and J. Holguin-Veras, eds, (2020) *Urban Logistics: Management, Policy and Innovation in a Rapidly Changing Environment*. London: Kogan Page Ltd.

Giuliano, G. and S. Hanson, eds., (2017) *The Geography of Urban Transportation*, fourth edition. New York: Guilford Press. (Third edition 2004, second edition 1996, first edition 1986)

Hoel, L., G. Giuliano and M. Meyer, eds. (2011) *Intermodal Transportation: Moving Freight in a Global Economy*. Washington, DC: Eno Foundation for Transportation.

Refereed Publications:

Lu, Y and G. Giuliano (2022) Understanding mobility changes in response to COVID-19: A Los Angeles case study, *Travel Behavior and Society*, 31, 189-201, <https://doi.org/10.1016/j.tbs.2022.11.011>

Giuliano, G. and Y. Lu (2021) “Analyzing traffic impacts of planned major events”. *Transportation Research Record*. <https://doi.org/10.1177/0361198121998710>. Also presented at the 2021 TRB Annual Meeting. Winner of best paper prize, TRB Committee ACP10

Giuliano, G. M. Dessouky, S. Dexter, J. Fang, S. Hu. M. Miller (2021) Heavy duty trucks: The challenge of getting to zero, *Transportation Research D*, 93 102742. <https://doi.org/10.1016/j.trd.2021.102742>.

Giuliano, G., Y. Hou, S. Kang and E-J Shin (2021) Polycentricity and the evolution of metropolitan spatial structure, *Growth and Change*, <https://doi.org/10.1111/grow.12599>.

Purdon, M., Witcover, J., Murphy, C., Ziaja, S., Winfield, M., Giuliano, G., Séguin, C., Kaiser, C., Papy, J., & Fulton, L. (2021). Climate and transportation policy sequencing in California and Quebec. *Review of Policy Research*, 00, 1– 35. <https://doi.org/10.1111/ropr.12440>

Lu, Y., R. Habre, G. Giuliano (2021) Estimating hourly PM2.5 concentration at the neighborhood scale using a low-cost air sensor network: A Los Angeles case study. *Environmental Research*, 110653, <https://doi.org/10.1016/j.envres.2020.110653>. Also presented at the 2020 ACSP Conference.

Giuliano, G. and S. Chakrabarti (2020) Analyzing intra-metropolitan variation in highway traffic performance in Los Angeles using archived real-time data, *Transportation Planning and Technology*, 43:8, 751-770, DOI: 10.1080/03081060.2020.1828931

Giuliano G., S. Kang, and Q. Yuan (2019) “Agglomeration economies and evolving urban form,” *The Annals of Regional Science*, DOI 10.1007/s00168-019-00957-4 (online first) (self funded)

Giuliano, G. and S. Kang (2018) “Spatial dynamics of the logistics industry: Evidence from California,” *Journal of Transport Geography*, 66, 248-258.

Schuetz, J., G. Giuliano, E-J Shin (2018) “Can a car-centric city become transit oriented? Evidence from Los Angeles,” *Cityscape* 20/1, 167-190.

Schuetz, J., G. Giuliano, E-J Shin (2018) Does zoning help or hinder transit-oriented (re)development?, forthcoming, *Urban Studies*, 55/8, 1672-1689.

Boarnet, M., G. Giuliano, Y. Hou and E-J Shin (2017) “First/last mile transit access as an equity issue,” *Transportation Research A*, 103, 296-310.

Hu, L and G. Giuliano (2017) “Job accessibility, poverty concentration, and employment outcomes”, *Journal of Urban Affairs*, 39(1), 1-16. Published online 1/4/17.

Giuliano, G. S. Kang, and J. Yuan (2017) “Using proxies to describe the metropolitan freight landscape”, *Urban Studies*, first published online: February 1, 2017, <https://doi.org/10.1177/0042098017691438> .

He, S. and G. Giuliano (2017) School choice: Understanding the trade off between travel distance and school quality, *Transportation*, published online February 2017, <https://doi.org/10.1007/s11116-017-9773-3>.

Rodrigue, J-P, L. Dablanc, G. Giuliano (2017) “The freight landscape: Convergence and divergence in urban freight distribution,” *Journal of Transport and Land Use*, 10(1), <https://jtlu.org/index.php/jtlu/article/view/869>.

Giuliano, G., S. Chakrabarti, and M. Rhoads (2016) Using regional archived multi-modal transportation system data for policy analysis: A case study of the LA Metro Expo Line, *Journal of Planning and Education Research*, 36(2), 195-209.

Giuliano, G. and S. Chakrabarti (2015) “Analyzing impacts of urban light rail investments: Study of the LA Metro Expo Line using archived real-time transportation system data,” *Transport Policy*, 42, 12-20.

He, Sylvia and G. Giuliano (2015), Factors affecting children’s journeys to school: A joint escort mode choice model, *Transportation*, published online July 2015; DOI 10.1007/s11116-015-9634-x.

Acciaro, M, T. Vanellander, C. Sys, C. Ferrari, A. Romboutsos, G. Giuliano, J. Lee-Lam, and S. Kapros (2014), “Environmental sustainability in seaports: A framework for successful innovation,” *Journal of Maritime Policy and Management*, 41(5), 480-500.

Giuliano, G. and A. Linder (2014) “Impacts of the Clean Air Action Plan on the port trade industry,” *International Journal of Shipping and Transport Logistics*, 6(2), 172 – 188.

DaBlanc, L., G. Giuliano, K. Holliday, T. O’Brien (2013) “Best practices in urban freight management: Lessons from an international survey,” *Transportation Research Record*.2379, 29-38.

Giuliano, G. and A. Linder (2013) “Motivations for voluntary regulation: The Clean Air Action Plan,” *Energy Policy*, 59, 513-522.

Agarwal, A., G. Giuliano, C. Redfearn (2012) “Strangers in our midst: The usefulness of exploring polycentricity,” *The Annals of Regional Science*, 48(2), 433-450.

Giuliano, G., C. Redfearn, and A. Agarwal (2012) “Network accessibility and the evolution of employment,” *Urban Studies*, 49(1), 77-95.

Hu, L. and G. Giuliano (2011) “Beyond the Inner City: A New Form of Spatial Mismatch,” *Transportation Research Record*, Vol. 2242, 98 -105

Giuliano, G., P. Gordon, Q. Pan, J. Park (2010) “Accessibility and residential land values: Some tests with new measures”, *Urban Studies*, 47(14), 3103-3130.

Giuliano, G., T. O’Brien, J. Zhou, W. Tan (2008) “Impacts of port gate operation on the highway system: A case study,” paper 08-2006 presented at the 2008 Transportation Research Board meeting and accepted for publication in *Transportation Research Record*. Also presented at the TRB/UTC joint conference, Research Issues in Freight Transportation, Washing DC, October 2007.

Giuliano, G. and T. O'Brien (2008) "Extended gate operations at the Ports of Los Angeles and Long Beach: A preliminary assessment," *Journal of Maritime Policy and Management*, 35(2), 215-235.

Giuliano, G., P. Gordon, Q. Pan, J. Park, L. Wang (2008) "Estimating freight flows for metropolitan area highway networks using secondary data sources," *Networks and Spatial Economics*. Online first no. 10.1007/s11067-007-9024-9

Giuliano, G., T. O'Brien (2007) "The terminal gate appointment systems at the Ports of Los Angeles and Long Beach: An Assessment", *Transportation Research D*, 12(7), 453-528.

Giuliano, G. (2007) "The changing landscape of transportation decision-making," *Transportation Research Record*, 2036, 5-12 (2007 Deen Lectureship).

Giuliano, G., C. Redfearn, A. Agarwal, C. Li, D. Zhuan (2007) "Employment concentrations in Los Angeles, 1980 – 2000," *Environment and Planning A*, 39(2), 2935-2957.

Giuliano, G. and J. Dargay (2006) "Car ownership, travel and land use: The US and Great Britain," forthcoming, *Transportation Research A*. 40, 106-124.

Giuliano, G. (2005) "Low income, public transit and mobility," *Transportation Research Record* 1927, 63-72.

Moore, J., G. Giuliano, S. Cho (2004) "Secondary accident rates on Los Angeles Freeways", *ASCE Journal of Transportation Engineering*, 130(3), 280-285. 280-285. 2004

Giuliano, G. and D. Narayan (2003), "Another look at travel patterns and urban form: The US and Great Britain", *Urban Studies*, 40(11), 2295-2312.

Giuliano, G. (2003) "Residential location, race/ethnicity and travel behavior," *Transportation Research A*, 37(4), 351-372.

Moore, J., G. Giuliano and J. March, (2002) "Performance of automatic passenger counters in the Ventura-Lompoc Smart Card Demonstration Project," *ITS Journal*, 7, 131-150.

Giuliano, G., J. Moore, J. Golob, T. O'Brien (2001) "Advanced technology and integrated public transit: The San Gabriel Valley Smart shuttle Field Operational Test," *Transportation Research Record* 1774, 44-51

Giuliano, G., J. Moore and J. Golob (2000) "An integrated fare system using smartcards: Results from a Field Operational Test," *Transportation Research Record*, 1735, 138-146.

Giuliano, G. (1999) "Land use and transportation: Why we won't get there from here," *Transportation Research Circular*, 492, 179-198.

Moore, J. and G. Giuliano (1999) "Functional evaluation of the Los Angeles Smart Card Field Operational Test," *Transportation Research C*, 6, 247-270.

- Giuliano, G. and K. Small (1999) "The determinants of growth of employment subcenters," Journal of Transport Geography, 7, 189-201.
- Giuliano, G. (1998) "Information technology, work patterns and intrametropolitan location: A case study," Urban Studies, 35 (7), 1077-1095.
- Giuliano, G. and J. Golob (1998) "Impacts of the Northridge Earthquake on travel behavior," Journal of Transportation Statistics, 1 (2), pp 1-20.
- Giuliano, G. and A. Gillespie (1997) "Research issues regarding societal change and transport," Journal of Transport Geography (Special Issue), 5 (3), pp. 165-176.
- Golob, J. and G. Giuliano (1996) "Smart Traveler Automated Ridematching Service: Lessons learned for future ATIS initiatives," Transportation Research Record, No. 1537, pp. 23-30.
- Giuliano, G. and J. Golob (1995) "Los Angeles Smart Traveler information kiosks: A preliminary report," Transportation Research Record, No. 1516, pp. 11-19.
- Giuliano, G. (1994) "Equity and fairness considerations of congestion pricing," in Curbing Gridlock: Peak-Period Fees to Relieve Traffic Congestion. Transportation Research Board Special Report 242, Vol 2, Commissioned Papers. Washington, D.C.: National Academy Press.
- Giuliano, G. and K. Small (1993) "Is the journey to work explained by urban structure?" Urban Studies, 30(9), 1485-1500.
- Giuliano, G., K. Hwang, and M. Wachs (1993) "Employee trip reduction in Southern California: First year results," Transportation Research A, 27A (2), pp. 125-137.
- Giuliano, G. (1992) "An Assessment of the political acceptability of congestion pricing," Transportation, 19, 335-358.
- Wachs, M. and G. Giuliano (1992) "Employee transportation coordinators: A new profession in Southern California," Transportation Quarterly, 46(3), pp. 411-427.
- Giuliano, G. (1992) "Transportation demand management: Promise or panacea," Journal of the American Planning Association, Vol. 58(3), pp 327-335.
- Giuliano, G. (1992) "Is jobs housing balance a transportation issue?" Transportation Research Record, No. 1305, pp. 305-312.
- Giuliano, G. and K. Small (1991) "Subcenters in the Los Angeles region," Journal of Regional Science and Urban Economics, Vol. 21(3), pp. 163-182.
- Giuliano, G. and T. Golob (1990) "Staggered work hours for traffic management: A case study," Transportation Research Record. No. 1280, pp. 46-58.

Giuliano, G., D. Levine and R. Teal (1990) "Impact of HOV lanes on carpooling behavior," Transportation, Vol. 17, pp 159-177.

Giuliano, G. and T. Golob, (1990) "Using longitudinal methods for analysis of a short-term transportation demonstration project," Transportation, Vol. 17, pp 1-28.

Giuliano, G. (1989) "Incident characteristics, frequency and duration on a high volume urban freeway," Transportation Research A, Vol. 23A (5), pp 387-396.

Giuliano, G. and C. Lave (1989) "The high cost of a bargain: Winning the right to use part-time drivers," Transportation Research A, Vol. 23A (2), pp. 151-159.

Giuliano, G. (1989) "New directions for understanding land use and transportation," Environment and Planning A, Vol. 21, pp. 145-159.

Giuliano, G. (1988) "Testing the limits of TSM: The 1984 Los Angeles Summer Olympics," Transportation, Vol. 5, pp 143-161.

Giuliano, G. (1988) "Commentary: Women and employment," Urban Geography, Vol. 9 (2), pp. 203-208.

Giuliano, G. and R. Teal (1987) "Estimating the potential cost savings of transit service contracting," Transportation Research Record, #1108, pp 1-11. (Selected as the best paper submitted to the Bus Transit Systems Committee, and presented at a special session, "Contemporary Transit Issues" at the Annual Meeting of the Transportation Research Board, Washington, D.C., January, 1987).

Teal, R. and G. Giuliano (1986) "Contracting for Public Transportation Service," Transportation Planning and Technology, Vol. 10, pp 279-291.

Chomitz, K., G. Giuliano and C. Lave (1985) "Part-time public transit operators: Experiences and prospects," Transportation Research Record, No. 1013, pp 32-38.

Giuliano, G. (1985) "A multicriteria evaluation method for transportation investment planning," Transportation Research A, Vol. 19A (1), pp 29-41.

Berechman, J. and G. Giuliano (1985) "Economies of scale in bus transit: A review of concepts and evidence," Transportation, Vol. 12 (4), pp 313-332.

Teal, R., G. Giuliano and M. Brenner (1984) "Transit agency use of private sector strategies for commuter transportation," Transportation Research Record, No. 914, pp. 34-41.

Berechman, J. and G. Giuliano (1984) "Analysis of the cost structure of an urban bus transit property," Transportation Research, Vol. 18B (4/5), pp 273-288.

Teal, R. and G. Giuliano (1983) "Increasing the role of the private sector in commuter bus service provision: Experience, problems and prospects," Built Environment, Vol. 8 (3), pp 172-183.

Giuliano, G. (1981) "The effect of environmental factors on the efficiency of public transit service," Transportation Research Record, No. 797.

Teal, R. and G. Giuliano (1980) "Taxi-based community transit: A comparative analysis of system alternatives and outcomes," Proceedings, Transportation Research Forum, pp 86-93.

Giuliano, G. and D. Prospero (1979) "A method for comparing transit performance in different operating environments," Proceedings, Transportation Research Forum, pp 297-305.

Giuliano, G. (1979) "Public transportation and the travel needs of women," Traffic Quarterly, Vol. 33 (4), pp 607-616.

Book Chapters, Reviews and other Articles:

Giuliano, G. and S. Dexter (2023) Decarbonizing road freight and alternative fuels for urban logistics, in S. Ison, J. Monies, and L. Budd, eds., *Routledge Handbook of Urban Logistics*. Routledge. 333-350. Available at: <https://www.perlego.com/book/3941658/the-routledge-handbook-of-urban-logistics-pdf>.

Giuliano, G. (2022) The challenge of freight transport in cities, chapter 1 in E. Marcucci, V. Gatta and M. Le Pira, eds, *Handbook on city logistics and urban freight*. Edward Elgar, forthcoming

Giuliano, G., S. Kang, Q. Yuan, and N. Hutson (2020) "Material flows in the global city," Chapter 19 in E. Glaeser, K. Kourtit, and P. Nijkamp, eds., *Urban Empires: Cities as Global Rulers in the New Urban World*. New York: Routledge. ISBN 9781138601710 (refereed)

Giuliano, G. (2020) Freight flows in cities, in R. Vickerman ed, *International Encyclopedia of Transportation*, vol 3, 168-177. UK: Elsevier Ltd. <https://doi.org/10.1016/B978-0-08-102671-7.10238-6>.

Giuliano, G. (2020) "Urban logistics: The regional dimension," chapter 3 in M. Browne, S. Behrends, J. Woxenius, G. Giuliano, and J. Holguin-Veras, eds, *Urban Logistics: Management, Policy and Innovation in a Rapidly Changing Environment*. London: Kogan Page Ltd.

Boarnet, M., G. Giuliano, G. Painter, S. Kang, S. Lathia, B. Toney (2019) "Does transportation access affect the ability to recruit and retain logistics workers?" Chapter 9 in T. Reeb, ed, *Empowering the New mobility Workforce: Educating, Training, and Inspiring Future Transportation Professionals*. Cambridge, MA: Elsevier Academic Press, 189-218. (Federal Highway Administration)

Giuliano, G. and S. Chakrabarti (2018) "Does light rail reduce traffic? The case of the LA Expo Line," *Transfers*, Issue 2 fall 2018. Available at <https://transfersmagazine.org/issue2/>.

Giuliano, G., G. Knatz, N. Hutson, C. Sys, T. Vanelslander, V. Carlan (2015) "Decision-making for maritime innovation investments: The significance of cost benefit and cost effectiveness analysis." Working Paper. Department of Transport and Regional Economics, University of Antwerp.

Giuliano, G. (2014) ed. "Managing freight in urban areas," *Research on Transportation Business and*

Management, 11, pp 1-152. (METRANS project)

Giuliano, G., S. Chakrabarti, and M. Rhoads (2014) "Transport geography," *International Encyclopedia of Social and Behavioral Sciences*, 2nd edition. Oxford, UK: Elsevier Science, Ltd, forthcoming.

Giuliano, G., M. Rhoads, and S. Chakrabarti (2014) "New data, new applications: Using transportation system data for regional monitoring," *Proceedings, Transport Research Arena*, 2014, Paris (refereed), available at www.traconference.eu/papers/html/papers.html.

Giuliano, G. and A. Agarwal (2014) "Impacts of transportation investments," chapter 10 in G. Giuliano and S. Hanson, eds., *The Geography of Urban Transportation*, 4th edition. New York: Guilford Press, forthcoming.

Giuliano, G. and S. Hanson (2014) "The future of urban transportation," chapter 15 in G. Giuliano and S. Hanson, eds., *The Geography of Urban Transportation*, 4th edition. New York: Guilford Press, forthcoming.

Giuliano, G. and L. Dablan (2013) "Approaches to managing freight in metropolitan areas," Conference Proceedings 50, City Logistics Research: A Trans-Atlantic Perspective. Commissioned paper. Available at <http://onlinepubs.trb.org/onlinepubs/conf/cp50.pdf>.

Giuliano, G., T. O'Brien, L. Dablan, K. Holliday (2013) Synthesis of Freight Research in Urban Transportation Planning, NCFRP Report 23. Washington D.C.: National Cooperative Freight Research Program (refereed)

Acciaro, M, C. Ferrari, G. Giuliano, S. Kapros, J. Lam, A. Roumboutsos, C. Sys, T. Vanelslander (2013) "Green innovation in seaports: A framework for the successful implementation of innovation in ports in the area of environmental sustainability," presented at International Association of Maritime Economists conference, July 2013, France (refereed).

Committee on National Research Frameworks: Applications to Transportation (2013) Framing Surface Transportation Research for the Nation's Future, TRB Special Report 313. Washington, DC, Transportation Research Board (a committee written report, refereed).

Giuliano, G., K. Holliday, Z. Elgart (2012) "The P3 Potential", Paper 13-2971, presented at the 2013 TRB Annual Meeting

O'Brien, Thomas and G. Giuliano (2012) "Contested trade and policy responses in Southern California," in P. V. Hall and M. Hesse, eds, *Cities, Regions and Flows*. New York: Routledge, 191-208.

Giuliano, G. (2011) "Transportation policy: Public transit, settlement patterns and equity in the US," Chapter 28 in *Handbook on Urban Economics and Planning*. Oxford University Press.

Giuliano, G. (2010) "Competition for port-related trade: The role of state and local governments in the US," in E. Van de Voorde and T. Vanelslander, eds, *Applied Transport Economics: A Management and Policy Perspective*. Belgium: De Boeck, 259-287.

Giuliano, G. and A. Agarwal (2010) "Public transit as a metropolitan growth strategy," in N. Pincus, H. Wial and H. Wolman, eds., *Urban and Regional Policy and Its Effects*, vol 3. Washington, DC: Brookings Institution, 205-252.

Giuliano, G. and L. Schweitzer, (2010) "Her money or her time: A gendered view of contemporary transport policy," Conference Proceedings 46, Women's Issues in Transportation, Vol. 1, 63-77.

Giuliano, G. (2009) "The Public Sector Role," Chapter 4 in L. Hoel, G. Giuliano, and M. Meyer, eds. *Intermodal Transportation: Moving Freight in a Global Economy*. Washington, DC: Eno Foundation for Transportation.

Giuliano, G., A. Agarwal, C. Redfearn (2009) *Metropolitan Spatial Trends in Employment and Housing: Literature Review*. Commissioned paper for the Committee for the Study on the Relationships among Development Patterns, Vehicle Miles Traveled, and Energy Consumption, Transportation Research Board and Board on Energy and Environmental Systems, National Research Council. Washington, DC: Transportation Research Board. Available at www.trb.org.

Committee for the Study of Funding Options for Freight Transportation Projects of National Significance (2009) *Funding Options for Freight Transportation Projects*, Special Report 297. Washington DC: Transportation Research Board. [fully refereed]

Giuliano, G. and T. O'Brien (2008) "Responding to increasing port-related freight volumes: Lessons from Los Angeles/Long Beach and other US ports and hinterlands," *JTRC OECD/ITRF Discussion Paper 2008-12*, presented at the OECD Research Roundtable, "Seaport Competition and Hinterland Connections," Paris, April 2008, and available at <http://www.internationaltransportforum.org/jtrc/DiscussionPapers/DP200819.pdf>.

Docherty, I. and G. Giuliano (2007) "Connected cities: Urban mobility, accessibility and sustainability, in R. Knowles, ed., *Transport Geographies*. London, UK: Blackwell.

Giuliano, G., P. Gordon, Q. Pan, J. Park, L. Wang (2006) "Estimating freight flows for metropolitan highway networks using secondary data sources," *Transportation Research Circular E-C088*, 154-158. Proceedings of TRB Commodity Flow Survey Conference, July 2005.

Delcombe, L. and G. Giuliano (2006) "Digital government research in the academy," *IEEE Computer*, 38 (12), 33 – 42.

Giuliano, G., T. O'Brien, S. Hayden, P. Dell'Aquila (2006) "Assessment of the terminal gate appointment system at Los Angeles and Long Beach ports," Paper 06-1345, presented at the 85th Annual Meeting, Transportation Research Board.

Giuliano, G. (2004) "Land use impacts of transportation investments, Highway and transit," in S. Hanson and G. Giuliano, eds., *The Geography of Urban Transportation*, 3rd edition. New York: Guilford Press.

Giuliano, G. and S. Hanson (2004) "Managing the auto," in S. Hanson and G. Giuliano, eds., *The Geography of Urban Transportation*, 3rd edition. New York: Guilford Press.

Giuliano, G. and S. Hayden (2004) "Marketing public transit," in K. Button and D. Hensher, eds., Handbook of Transportation, Handbook 6: Transport Strategy, Policy and Institutions. Brighton, UK: Elsevier Press

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Giuliano, G. and D. Narayan (2004) "A Comparison of work and non-work travel: The US and Great Britain", in P. Rietveld and R. Stough, eds., Barriers to Sustainable Transport. London: E.T. Spon.

Pickup, L. and G. Giuliano (2004) "Transport and social exclusion in Europe and the USA," in K. Donaghy, S. Poppelreuter, and G. Rudiner, eds., Social Aspects of Sustainable Transport: Transatlantic Perspectives. London: Ashgate.

Giuliano, G., (2004) "Where is the 'region' in regional transportation planning?" in M. Pastor, P. Dreier, and J. Wolch, eds., Up Against the Sprawl: Public Policy and the (Re)Making of Southern California. Minneapolis, MN: U. Minnesota Press.

Agarwal, A., G. Giuliano, C. Redfearn (2004) *The Alameda Corridor: A White Paper*. Prepared for the conference "Alameda Corridor: A Blueprint for the Future?" University of Southern California, February 2004. Available at www.metrotrans.org/whatsnew.

Giuliano, G. and T. O'Brien, (2003) "Beyond Benefits and Costs: Understanding Outcomes of ITS Deployments in Public Transit," in D. Gillen, ed. Measuring the Contribution of ITS to Transportation Services. Norwell, MA: Kluwer Academic Publishers.

Ambite, J-L., G. Giuliano, P. Gordon, Q. Pan, S. Bhattachajee (2002) "Integrating heterogeneous sources for better freight flow analysis and planning," Proceedings, dg.o 2002 Second Annual Digital Government Conference. Los Angeles, CA: Digital Government Center, Information Sciences Institute.

Giuliano, G. (2002) "Residential location and travel patterns among the elderly," in Transportation in an Aging Society. Transportation Research Board Special Report, Washington DC: National Academy of Sciences.

Giuliano, G. and A. Gillespie (2002) "Research issues regarding societal change and transport: An update," in W. Black and P. Nijkamp, eds., Social Change and Sustainable Transport. Bloomington, IN: Indiana University Press.

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Berechman, J. and G. Giuliano (2002) "Economies of scale in bus transit: a review of concepts and evidence, in P. Rietveld, K. Button and P. Nijkamp, eds., Classics in Transport Analysis. UK: Edward Elgar Publishing Ltd. (Reprint of 1984 article, Transportation Research A.)

Deka, D. and G. Giuliano (2001) "What can you really achieve with community design standards?" in Proceedings: Conference on Urban Morphology.

Giuliano, G. (1998) "Urban travel patterns," in B. Hoyle and R. Knowles (eds), Modern Transport Geography, 2nd edition. Chichester, GB: John Wiley & Sons.

Giuliano, G. and M. Wachs (1997) "An employer panel for evaluating the effectiveness of trip reduction incentives," in T. Golob, L. Long and R. Kitamura (eds), Panels for Transportation Planning: Methods and Applications. Netherlands: Kluwer Press.

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Work in Progress:

Lu, Y and G. Giuliano (2022) Where do people meet: Time-series clustering for social interaction levels in daily life spaces during the COVID-19 pandemic, revise and resubmit, Cities

Giuliano, G. Y. Lu, A. Coombs, and S. Soni (2021) Managing impacts of major events: A case study of the Los Angeles Memorial Coliseum, in preparation for journal submission (LA Metro)

Giuliano, G., R. Binder, S. Dexter, M. Randazzo, H. Blanco (2021) Reducing impacts of heavy-duty trucks in communities of color, presented at 2021 ACSP Conference, in preparation for journal submission (California Strategic Growth Council)

Giuliano, G., S. Dexter, S. Steimetz, (2021) Zero emission heavy duty trucks: Perspectives from industry, accepted for presentation at TRB 2022 Annual Meeting (Southern California Air Quality Management District)

Wei, D. and G. Giuliano (2021) Economic impacts of electrification of cargo handling equipment at POLA/POLB, accepted for presentation at the 2022 WRSA conference, February 2022 (Caltrans)

Research Reports

Giuliano, G., M. Boarnet, M. Jaller, R. Binder, S. Dexter, J. Fang, D. Moctezuma, M. Randazzo, B. Wang (2022) Improving environmental justice and mobility in Southeast Los Angeles. Final Report PSR-18-SP91-Final Report.

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EXTRAMURAL AWARDS:**In Progress:**

National University Transportation Center: Environmental Sustainability Strategic Goal (M. Boarnet, M. Dessouky, P. Ioannou, Co-PIs), subcontract to University of California, Davis. US Department of Transportation, \$3,000,000, December 2016 – September 2023..

Pacific Southwest Region University Transportation Center (M. Boarnet, M. Dessouky, P. Ioannou, Co-PIs), U.S. Department of Transportation, \$15.5 million, December 2016 – September 2023.

Pacific Southwest Region University Transportation Center (M. Boarnet, M. Dessouky, P. Ioannou, Co-PIs), California Department of Transportation, \$13 million, December 2017 – September 2023.

Long Beach Transit-USC METRANS Fellows Program. Long Beach Transit, \$59,000, January 2021 – February 2022.

Archived Data Management System Operations and Maintenance, (C. Shahabi, co-PI) Los Angeles County Metropolitan Transportation Authority, \$117,265, May 2021 – June 2022,

Archived Data Management System Operations and Maintenance, (C. Shahabi, co-PI) Los Angeles County Metropolitan Transportation Authority, \$118,755, December 2021 – September 2022,

Testing and Evaluation of Curb Management and Integrated Strategies to Catalyze Market Adoption of Electric Vehicles, US Dept of Energy, subcontract to Los Angeles Clean Tech Incubator, \$300,000, 2021-2024.

350, (co-PI; Petros Ioannou PI, Maged Dessouky co-PI), National Science Foundation, \$1 million, 2019 – 2022.

METROFREIGHT: The Local/Global Challenge of Urban Freight Phase 2, (M. Dessouky, Co-PI). Volvo Research and Education Foundations, January 2019 – December 2021, \$350,000.

Completed (since 2000):

Climate Smart Communities Consortium (M. Boarnet, co-PI) California Strategic Growth Council, Office of Research. Subcontract to University of California, Davis, \$450,000, October 2018 – September 2021.

Archived Data Management System (ADMS), (C. Shahabi, Y-Y Chiang, co-PIs). Los Angeles County Metropolitan Transportation Authority (LA SAFE), \$1 million, January 2018 – December 2020.

NSF Cyber Physical Systems: CPS Regional Freight Transportation System., (co-PI; Petros Ioannou PI, Maged Dessouky co-PI), National Science Foundation, \$1 million, 2014 -2019.

Regional Surface Transportation Workforce Centers, subcontract to California State University, Long Beach, Federal Highway Administration, \$300,000, 2014 – 2019.

National University Transportation Center: Environmental Sustainability Strategic Goal (M. Boarnet, M. Dessouky, P. Ioannou, Co-PIs), subcontract to University of California, Davis. US Department of Transportation, \$2,500,000, September 2013 – September 2018.

METROFREIGHT: The Local/Global Challenge of Urban Freight (M. Dessouky, Co-PI). Volvo Research and Education Foundations, March 2013 – December 2018, \$3.7 million.

METRANS Tier 1 University Transportation Center (M. Boarnet, M. Dessouky, P. Ioannou, Co-PIs). US Department of Transportation, September 2013 – September 2018, \$4.2 million.

METRANS Tier 1 University Transportation Center (M. Boarnet, M. Dessouky, P. Ioannou, Co-PIs). California Department of Transportation, September 2013 – September 2018, \$2.1 million.

Archived Data Management System (ADMS) Maintenance, (C. Shahabi, co-PI). Los Angeles County Metropolitan Transportation Authority, \$428,975, January 2016 – December 2016

California's Integrated Border Approach Study, California Department of Transportation, \$115,000, June 2013 – September 2013.

RIITS Archived Data Management System for Regional Integration (C. Shahabi and L. Schweitzer, Co-PIs). Los Angeles County Metropolitan Transportation Authority, August 2010 – December 2015, \$2.3 million.

Is Los Angeles becoming transit-oriented? Haynes Foundation, \$50,000, 9/12 – 6/14.

Accessibility, Location and Employment Growth. Caltrans, \$89,910, August 2011 – September 2013.

Scoping for the Freight Mobility Plan – An Update for the Goods Movement Action Plan (subcontract to CSULB, Thomas O'Brien), Caltrans, \$96,300. March -2011 – June 2013.

Promoting Employment in Transit Construction Projects by Members of Minority and Low Income Communities (with H. Pachon, D. Bahl), Federal Transit Administration, \$250,000/yr, renewable for 4 years. December 2006 – December 2013.

METRANS Transportation Center (National Center for Metropolitan Transportation Research) TIER 1 University Transportation Center Renewal (with M. Dessouky, P. Ioannou, J. Moore), USDOT, \$3,583,000. July 1 2007 – September 30 2013.

MOU between Caltrans and USC for Cooperation of Transportation Research, (G. Giuliano P.I.; P. Ioannou, J. Moore Co-PIs). California Department of Transportation, \$6,006,584, July 2005 – September 2013

Research and Planning for the Public Infrastructure Advisory Commission (L. Schweitzer, Co-PI).

Caltrans, \$500,000, July 2010 – September 2012.

Planning Grant: Establishing a VREF Centre of Excellence for Managing Freight in the Urban Transport Situation. Volvo Research and Education Foundations, \$45,000, January 2012 – April 2012.

Synthesis of Freight Research in Urban Transportation Planning. National Cooperative Freight Research Program, Project 36(05), \$50,000, June 2011 – December 2012.

METRANS Assessment Support for the San Jose ATN. Aerospace Corporation, \$86,000, January 2011 – June 2012.

Addressing Goods Movement Challenges in California, California State Dept. of Transportation, \$40,000, September 2008 – September 2009.

A Freight Analysis and Planning Model (with J-L Ambite), US Dept. of Transportation and California State Department of Transportation, \$314,835 September 2008 – August 2009.
Regulation and Response at the San Pedro Bay Ports, METRANS Transportation Center, \$90,000, 2009-2010.

Compliance and Commercial Vehicle Operators: A Systems Evaluation of the Problem and Virtual Solutions, California PATH, \$87,950, November 2005 – June 2009.

Network Accessibility and the Evolution of Urban Employment (with Chris Redfearn), METRANS Transportation Center, \$85,000, March 2007 – February 2008.

ARGOS: Dynamic Composition of Web Services for Goods Movement, (with Jose-Luis Ambite, ISI, Peter Gordon), National Science Foundation, Award 0306905, Computer and Information Sciences and Engineering, \$1,050,000, September 2003 – July 2008.

I-710 ITS Virtual Weigh Station Evaluation Plan, Caltrans, \$20,000, July 1, 2004 – March 31, 2007.

METRANS National Center for Metropolitan Research (G. Giuliano, PI; P. Ioannou, J. Moore Co-PIs). U.S. Department of Transportation, \$5,500,000 July 1998 - June 2005; \$780,000 July 2005 – June 2006; \$860,000 July 2006 – June 2007

Evaluation of Extended Gate Operations at the Ports of Los Angeles and Long Beach, (with Tom O'Brien), METRANS Transportation Center, \$149,280 (January 2006 – June 2007).

Emergence, Growth and Decline of Employment Centers (with Chris Redfearn), Lusk Center for Real Estate, \$30,000, June 2005 – September 2006.

SURE-FT: Sensors for Unexpected Roadway Events – Field Trials, (with J. Heidemann, PI) METRANS Transportation Center, \$75,000 April 2005 – April 2006.

Evaluation of the LA/LB Ports Appointment System, METRANS Transportation Center, (with Joe Maggadino, CSULB), \$147,000, February 2004 – December 2005.

Evaluation of the 2002 Port Shutdown, Caltrans/MTA/Mettrans, total \$77,500, July 1 2004 – March 31, 2005.

SURE-SE: Sensor Networks for Traffic Monitoring, (with John Heidemann, ISI), METRANS Transportation Center, \$75,000. January 2004 – February 2005

Analysis of Los Angeles Region Spatial Structure, Los Angeles Metropolitan Transportation Authority, \$150,000; January 2003 – June 2004.

Transportation and Land Use: A Comparative Analysis, National Science Foundation, Geography and Regional Science, Award 0137029, \$105,000; February 2002 – July 2003.

Communications Technology and Urban Governance, (Chris Weare PI, with S. Ball-Rokeach, G. Giuliano, J. Musso), National Science Foundation, Information Technology Research Program, \$435,478, October 2001 – September 2004

Subcenters in Los Angeles, \$6,000, Lusk Center for Real Estate Summer Research Grant, Summer 2003.

Better Freight Data for Transportation Planning, (G. Giuliano, P. Gordon, J-L Ambite), National Science Foundation, Computer and Information Sciences Engineering Directorate, \$99,500 (joint with USC Information Sciences Institute), December 2001 – January 2003.

Information Technology, Society and Space, \$70,000, Provost's Urban Initiative, July 2000 - June 2002.

Travel Patterns of the Elderly, \$46,251, METRANS National Center for Metropolitan Research, USDOT & Caltrans, September 2000 - August 2001.

Another look at travel patterns and urban form: The US and GB, \$5,000, Lusk Center for Real Estate Summer Research Grant, Summer 2001.

International Comparison of Daily Travel Patterns, \$30,000, General Motors Corporation, August 1999 - December 2000.

The Role of Public Transit in Mobility of Low Income Households, \$50,000, METRANS National Center for Metropolitan Research, U.S. DOT & Caltrans, June 1999 - September 2000.

Metro Freeway Service Patrol Impact on Freeway Accidents (with J. Moore, P.I.), Los Angeles County Metropolitan Transportation Authority, \$77,000, June 1998 - August 2000.

Evaluation of San Gabriel Valley Smart Shuttle FOT (with J. Moore), California Department of Transportation, \$278,000, January 1998 - September 2000.

Impacts of Federal Transportation Policy on Los Angeles, Southern California Studies Center, \$8,000, September 1998 – June 2000.

CONFERENCE PARTICIPATION (since 2000):

Distinguished Lectures:

May 2021	Challenges of zero emission heavy duty trucks in drayage, Distinguished Lecture, U Toronto Dept of Civil and Mineral Engineering, Smart Freight Centre, and U Toronto Transportation Research Institute
June 2019	Agglomeration economies and evolving urban form, Keynote address, CM ² Summit, Houston
February 2019	Agglomeration economies and evolving urban form, Presidential Address, Western Regional Science Association, Pasadena
June 2016	Can Rail Transit Change an Auto-Oriented City? Los Angeles case study, International Association of China Planning Conference, Beijing, China
May 2016	Transport Challenges in an Era of Change: A California Perspective, Transportation Research Forum, Toronto
July 2015	“The metropolitan freight landscape: Concepts and some preliminary results”, Second Interdisciplinary Conference on Production, Logistics and Traffic, Dortmund, Germany
June 2015	“Transportation and land use: What do we know about freight?”, International Association of China Planning Conference, Chongqing, China
July 2014	“Moving freight in metropolitan areas: The newest urban transportation problem,” Keynote speech, International Symposium on Urban Development and Land Policy, Beijing, China.
May 2013	“Moving freight in metropolitan areas: The newest urban transportation problem,” Straight from the Source Series, Volpe Transportation Center, Boston, MA.
March 2012	“What’s wrong with US transit policy?” Transportation Research Forum Distinguished Transportation Researcher Lecture, Tampa FL
March 2011	“Reflections on transportation policy and planning: Looking back, looking forward,” USDOT Distinguished Lecture, Washington DC
February 2011	“What’s wrong with US transit policy?” Martin Wachs Distinguished Lecture, Berkeley, CA
November 2008	“Traffic and environmental impacts of port-related activities: The changing government role,” Maritime Transport Research Centre, University of Antwerp, Belgium.

- November 2007 “Port-related trade: Regulation and response in Los Angeles,” Fall Distinguished Lecture, University of Virginia Center for Transportation Studies.
- November 2007 “Reflections on equity in transportation,” Fall Distinguished Lecture, The Changing Face of Orange County, University of California, Irvine
- October 2007 “The role of research in shaping the future of transportation,” 20th Anniversary Distinguished Lecture, University of Minnesota Institute of Transportation Studies
- January 2007 “The changing landscape of transportation decision-making”, Thomas Deen Distinguished Lectureship, Transportation Research Board.
- September 2003 “Innovative finance for transportation infrastructure in the US: An assessment”, Seoul Development Institute, Seoul, Korea.
- September 2001 “Another look at travel patterns and urban form,” keynote speech for College of Social Sciences, Florida State University 150th Anniversary Celebration, Tallahassee, FL.
- March 2001 “Land Use, Transport and the New Economy,” Visiting Scholars Seminar, University Transportation Center, New York.
- May 2000 “Information Technology, Transportation and Urban Form,” (keynote speech) The Seventh Symposium on Policy Studies, Institute for Transport Policy Studies, Tokyo, Japan.
- November 1998 “Information Technology: Changing How We Live and Where We Work,” University of Minneapolis, Center for Transportation Studies, Minneapolis

Invited Presentations at Special Conferences (since 2010):

- March 2022 Deep dive: Transportation infrastructure and social equity, presented at National Academy of Sciences Workshop on Equitable and Resilient Infrastructure Systems
- November 2021 Comparing costs and emissions reduction of zero and near zero emission trucks, USC-Stanford Symposium II on Climate Change Policy and Transportation.
- November 2019 Transportation in City 2.0, The City 2.0: Smart people, places, planning, The Regional Science Institute, Boston
- November 2019 Heavy duty trucks: The challenges of getting to zero, USC-Stanford Symposium on Climate Change Policy and Transportation, USC.

February 2019	Regional planning and climate change policy in California, JCCTRP Workshop, UC Davis
March 2018	Workshop on Digital Transformation in Urban Society, Singapore
November 2016	Transport and Polycentric Cities, International Metropolitan Development Conference, Beijing, China
June 2016	Reducing Environmental Impacts of Trucks in Cities, Beijing Technical University Conference on Transportation, Beijing, China
March 2015	“Using proxies to describe the metropolitan freight landscape.” VREF Conference on Urban Freight, Gothenberg, Sweden
December 2014	“Freight and new technology,” FHWA Novel Transportation Modes Workshop, San Francisco
August 2014	“The urban freight landscape: A conceptual framework and preliminary tests,” Pan-American Advanced Studies Institute workshop, Bogota, Columbia
May 2013	“Approaches to managing freight in metropolitan areas,” EU-US Transportation Research Symposium No. 1, City Logistics: A Trans-Atlantic Perspective, Washington, DC.
November 2012	“What needs to change with the Federal role?”, Eno Foundation Annual Policy Forum, Denver, CO
October 2012	“Local/global interactions: Solving freight externality problems in trade node cities,” FUT Symposium 2012, Gothenburg, Sweden
May 2012	“Policy reforms to improve public transit,” Symposium on market-oriented transit reform, Florida State University, Tallahassee, FL.
January 2011	“Some thoughts on national freight policy,” presented at the TRB Executive Committee Policy Session, Washington, DC.
June 2010	“The political economy of US transit subsidies,” presented at special session on political economy, Kuhmo-Nector Conference on Transport Economics, Valencia, Spain

Conference Papers and Presentations (since 2010):

November 2022	Giuliano, G. Y. Lu, A. Coombs, and S. Soni (2022) Managing impacts of major events: A case study of the Los Angeles Memorial Coliseum, presented at the 2022 ACSP Annual Conference
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- November 2022 Ha, J., G. Giuliano, R. Binder, A. Holmes (2022) Use of parcel lockers and travel behavior, presented at the 2022 ACSP Annual Conference
- November 2022 O'Reilly, A., Y. Zhou, M. Boarnet, G. Giuliano (2022) How can new mobility serve the needs of mobility constrained communities? A study of Southeast Los Angeles", presented at the 2022 ACSP Annual Conference
- May 2022 G. Giuliano, R. Binder, H. Blanco, S. Dexter, M. Randazzo "Reducing impacts of heavy duty trucks in communities of color," presented at the International Urban Freight Conference, May 2022
- March 2022 G. Giuliano, T. O'Brien, B. Olson (2022) Freight system resilience: Aligning competitiveness and environmental goals, presented at PSR Annual Congress, March 2022, Honolulu, HI
- February 2022 Wei, D. and G. Giuliano (2022) Economic impacts of electrification of cargo handling equipment at POLA/POLB, presented at the 2022 WRSA conference, February 2022
- January 2022 Giuliano, G., S. Dexter, S. Steimetz, (2021) Zero emission heavy duty trucks: Perspectives from industry, presented at TRB 2022 Annual Meeting
- October 2021 Reducing impacts of freight in communities of color (co-authors R. Binder, H. Blanco, S. Dexter, M. Randazzo), presented at 2021 ACSP annual conference. Oct 2021
- February 2021 Understanding mobility change in response to COVID-19: A Los Angeles case study (lead author Yougeng Lu), presented at 2021 WRSA Annual Meeting, Feb 2021
- January 2021 Analyzing impacts of major events: A case study of the Los Angeles Coliseum (co-author Yougeng Lu), presented at 2021 TRB annual meeting, Jan 2021
- January 2020 Shopping, freight deliveries, and urban form (co-authors S. Kang, Q. Yuan), presented at 2020 TRB Annual meeting, Jan 2020
- October 2019 International urban freight policy workshop, International Urban Freight Conference, Long Beach, CA
- January 2019 Future of the Interstate System, Transportation Research Board Annual Meeting, Washington DC
Data challenges in urban freight research, Transportation Research Board Annual Meeting, Washington DC
US-EU Freight Roundtable "Future of the Interstate Highway System"
- October 2018 VREF Urban Freight Conference, Gothenburg, Sweden

June 2018	MOBILIZE Conference, Dar Es Salaam, Tanzania
April 2018	American Planning Association Meeting, New Orleans
February 2018	Western Regional Science Association, Pasadena
January 2018	Transportation Research Board Annual Meeting, Washington DC
October 2017	International Urban Freight Conference, Long Beach
June 2017	MOBILIZE Conference, Santiago, Chiles
February 2017	Western Regional Science Association, Santa Fe, NM
January 2017	Transportation Research Board Annual Meeting, Washington DC
November 2016	Application of the Los Angeles ADMS to Analyze Intra-Metropolitan Variation in Highway Traffic Performance, ACSP Annual Conference, Portland
October 2016	Understanding freight flows in cities 1: Does density crowd out freight intensive activities?, VREF Urban Freight Conference, Gothenburg, Sweden
July 2016	SIG2 Special Session, Port Innovation, World Congress on Transport Research, Shanghai, China
February 2016	Polycentricity and the evolution of metropolitan spatial structure, Western Regional Science Association, Hawaii
February 2015	“Using proxies to describe the metropolitan freight landscape, WRSA annual meeting, Tucson, AZ
January 2015	“MetroFreight: Case study of an international consortium of public and private partners,” Transportation Research Board Annual Meeting, Washington, DC
October 2014	“New data, new applications: Using transportation system data for regional monitoring,” ACSP Annual Meeting, Philadelphia.
August 2014	“The urban freight landscape: A conceptual framework and preliminary tests”, presented at the PASI-SUFS Workshop, Bogota, Columbia
April 2014	“New data, new applications: Using transportation system data for regional monitoring, presented at the Transport Research Arena annual conference, Paris, France.
February 2014	“Using ‘big data’ for transportation analysis: A case study of the LA Metro Expo Line,” presented at the Western Regional Science Association annual meeting,

- San Diego, CA.
- January 2014 “Some thoughts on the future impacts of the Panama Canal,” presented at special session 3a, 100 Years of the Panama Canal: The Legacy and the Future, Transportation Research Board Annual Meeting, Washington, DC.
- July 2013 “Analyzing impacts of urban light rail investments: Study of the LA Metro Expo Line using archived real-time transportation system data,” (with Sandip Chakrabarti), presented at the joint ACSP/AESOP meeting, Dublin, Ireland
- March 2013 “Analyzing impacts of urban light rail investments: Study of the LA Metro Expo Line using archived real-time transportation system data,” (with Sandip Chakrabarti), presented at Transportation Research Forum Annual Meeting, Baltimore, MD.
- January 2013 “Best practices in urban freight management: Lessons from an international survey, Transportation Research Board Annual Meeting, Washington, DC
- May 2012 “Impacts of the LA/LB ports Clean Air Action Plan, World Congress of Transport Research SIG-2 Conference, Antwerp, Belgium
- February 2012 “Explaining the Clean Air Action Plan,” Western Regional Science Association Annual Meeting, Kauai, HI.
- November 2011 “The Clean Air Action Plan,” National Urban Freight Conference, Long Beach, CA
- March 2011 “Explaining the Clean Air Action Plan,” Transportation Research Forum Annual Meeting, Portland, OR
- February 2011 Transit or automobile: Accessibility and labor market outcomes of the poor,” Western Regional Science Association Annual Meeting, Monterey, CA
- January 2011 “Lessons from the Alameda Corridor and Southern California, Transportation Research Board Annual Meeting, Washington, DC
- February 2010 “Is public transit an effective growth management strategy? “WRSA annual meeting, Sedona, AZ.
- January 2010 “Her money or her time,” Transportation Research Board Annual Meeting, Washington, DC.

Conference Organization

Scientific Chair, IAME Conference, Long Beach, CA 2023

Conference Chair, 9th International Urban Freight Conference 2022, Long Beach, CA, May 2022

Conference Chair, 8th International Urban Freight Conference 2019, Long Beach, CA, October 2019

Conference Chair, 7th International Urban Freight Conference 2017, Long Beach, CA, October 2017.

Conference Committee, VREF Urban Freight Conference, Gothenburg, October 2016.

Conference Host, Council of University Transportation Centers Annual Summer Meeting, Los Angeles, July 2016

Conference Chair, 6th International Urban Freight Conference 2015, Long Beach, CA, October 2015

Conference Planning Committee – Second Conference on Production, Logistics, and Traffic, Dortmund, Germany, July 2015

Conference Chair, 5th International Urban Freight Conference 2013, Long Beach, CA, October, 2013

Conference Planning Committee, USDOT – EU Workshop on Urban Freight, Washington, DC, May 2013

Conference Planning Committee, University Transportation Centers Spotlight Conference, Sustainable Energy and Transportation, Washington, DC, November 2012

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

Conference Organizing Committee, Transportation Research Forum Annual Conference, Long Beach, CA, March 2011

Conference Committee, California Workforce Development Conference, Long Beach, CA, February 2010

Conference Chair, National Urban Freight Conference 2009, Long Beach, CA, October 2009

Conference Committee, Fourth International Conference on Women’s Issues in Transportation, October 2009

Conference Chair, National Urban Freight Conference 2007, Long Beach, CA, December 2007

Conference Track Chair, WCTR Conference, Berkeley, CA, June 2007

Conference Co-Chair, Future of the Automobile, FFEI conference, USC, May 2007

Conference Planning Committee, Research Issues in Freight Transportation, joint UTC/TRB conference, Washington DC, October 2007

Conference Chair, National Urban Freight Conference, Long Beach, CA., February 2006

Conference Co-Chair, dg.o 2005, Digital Government Conference, Atlanta, GA, May 2005

Conference organizer, “Mobility in the Metropolis: Making the Most of What We Have,” METRANS Transportation Center Annual Research Conference, USC, February 2005.

Conference organizer, “Alameda Corridor: Blueprint for the Future?” METRANS Transportation Center, USC, February 2004.

TEACHING EXPERIENCE:

Courses:

Institutional and Policy Issues in Transportation, Urban Transportation Planning and Management, Advanced Urban and Regional Transportation Planning, Environmental Issues in Transportation and Land Use, Spatial Structure of Metropolitan Areas, Introduction to Planning, and Development, Research Design, Survey Research Methods, Governance, Place and the Public Sphere

Course Development: Urban Freight; Transportation and the Environment; Governance, Place and the Public Sphere

PROFESSIONAL SERVICE:

Committees, Boards, Appointments - Current:

California Freight Efficiency Group (2016 -)
 California Freight Efficiency Strategies Development Group (2015-2016)
 Editorial Board, *Case Studies in Transport Policy* (2013 -)
 Editorial Board, *Journal of Transport Policy* (2006 -)
 Editorial Board, *Research in Transportation Business and Management* (2021-)
 Institute of Transportation Studies, University of California – Davis, Advisory Board (2002 - 2022)
 Center for International Trade and Technology Policy Steering Committee, California State University, Long Beach (2002 -); Executive Committee (2004 -)

Committees, Boards, Appointments - Past (since 2000):

National/International

National Freight Advisory Committee (2013-2016)
 Board of Advisors, Eno Foundation for Transportation (2012-2015)
 Council of University Transportation Centers Executive Committee (2005 – 2013)
 USDOT ITS Joint Program Advisory Committee (2009-2011)
 Transportation Research Board Executive Committee (2000 - 2006), Vice Chair 2002; Chair 2003; Chair Subcommittee for Planning, Policy and Research (2004 – 2006)
 Advisory Board, Center for Multimodal Solutions, University of Florida (2006-2012)

Editorial Board, *Journal of Transport Statistics* (1996 – 2006)
 Editorial Board, *Urban Studies* (1997 -2012)
 Social and Economic Impacts Committee, Transportation Research Board (2001-2005)
 Sustainable Transportation Research and Analysis Network (STAR) (2002-2010)
 Sustainable Transport in Europe and Links and Liasons with America (STELLA) (2002- 2010)
 Humphrey Institute Surface Transportation Policy Program Review Committee, University of Minnesota (1998 – 2006)
 Comparative Study on Urban Transport and the Environment (CUTE) (2001- 2003)
 Association of Collegiate Schools of Planning PhD Committee (2000 - 2002); Chair, PhD Workshop Subcommittee (2000-2002)
 National Science Foundation/European Science Foundation Workshop on Transportation Research (1998 - 2001)
 Western Regional Representative, Association of Collegiate Schools of Planning Executive Committee (1998 - 2000)
 Federal Transportation Advisory Group (National Science and Technology Council Subcommittee on Transportation R&D) (2000-2001)

State/Local

Executive Committee, Partners for Advanced Transit and Highways (PATH), University of California (2003-2010)
 California Transportation Research and Technology Review Panel, Chair (2006-2011)
 Keston Infrastructure Institute, USC, Advisory Board (2004 -12) and Chair, Faculty Committee (2007-12)
 USC Future Fuels and Energy Initiative, (Co-Chair, 2005-06; committee member, 2006-9)
 Member, Advisory Board, Center for Sustainable Transportation, UC Davis (2006-2012)

Professional Memberships:

Transportation Research Board
 Western Regional Science Association (President 2020, past president 2021)
 Regional Science Academy (2018-)
 Regional Science Association International
 World Council of Transportation Research

Referee:

Transportation Research, Transportation, Journal of Regional Science, Economic Geography, Journal of the American Planning Association, Journal of Planning Education and Research, Urban Geography, Journal of Regional Science and Urban Economics, Growth and Change, Transport Policy, others

National Science Foundation: Civic Innovation Challenge 2020, Civil Infrastructure Systems CAREER awards 2021

Program Review:

University of Minnesota Center for Transportation Studies (2010)

Hebrew University, Dept. of Geography and Institute of Urban Studies (2006)
 University of California Institute of Transportation Studies, 15 year review (2004)
 National Science Foundation IGERT Program Review (2002)

Transportation Research Board, National Academy of Sciences Policy Studies:

Committee for the study of the Future of the Interstate Highway System, 2016-2019 *Reviewing the National Commitment to the Interstate Highway System: A Foundation for the Future*. Special Report 329. Washington DC: Transportation Research Board.

Committee for a study of Intercity Passenger Travel Issues and Opportunities in Short-haul Markets, 2012-2015. *Interregional Travel: A New Perspective for Policy Making*. Special Report 320. Washington DC: Transportation Research Board.

Committee on National Research Frameworks: Application to Transportation, 2010-2013. *Framing Surface Transportation Research for the Nation's Future*. Special Report 313. Washington DC: Transportation Research Board.

Panel on Limiting Magnitude of Future Climate Change, NRC Committee on America's Climate Choices, 2008-2010. *Limiting the Magnitude of Climate Change*. Expert Report D of America's Climate Choices. Washington DC: Board on Atmospheric Sciences and Climate.

Committee on Funding Options for Freight Transportation Projects of National Significance (Chair), 2006 – 2008 *Funding Options for Freight Transportation Projects*, Special Report 297. Washington DC: Transportation Research Board.

Committee on Global Climate Change and Transportation (TRB and BASC) (2008) *Potential Impacts of Climate Change on U.S. Transportation*. Special Report 290, Transportation Research Board and Division on Earth and Life Studies, National Academies.

Committee on Physical Activity, Health, Transportation, and Land Use (2005) *Does the Built Environment Influence Physical Activity? Examining the Evidence*. Special Report 282, Transportation Research Board and Institute of Medicine, National Academies

Committee for Evaluation of the Congestion Mitigation and Air Quality Program (2000 – 2002), *TRB Special Report 264*

Committee for an International Comparison of National Policies and Expectations Affecting Transit (1998 - 2000), *TRB Special Report 257*

Committee for Improving the Future of US Cities Through Improved Metropolitan Area Governance, Committee on Behavioral and Social Sciences and TRB (1996 – 1998), *Governance and Opportunity in Metropolitan America*. National Research Council, 1999.

Committee for the Study of the Impacts of Highway Capacity Improvements on Air Quality and Energy Consumption (1994 – 1995), *TRB Special Report 245*

Committee on Global Climate Change and US Transportation (2005 – 2007), Transportation Research Board and Board on Atmospheric Sciences and Climate, *TRB Special Report 290*.

Committee of Funding Options for Freight Transportation Projects of National Significance (2006 – 2008), Transportation Research Board, Chair.

PUBLIC SERVICE:

Committees, Boards - Current:

Advisory Board, Office of Extraordinary Innovation, LA Metro 2015-
 LA Metro Freight Working Group for the Goods Movement Strategic Plan 2019-2020
 California Freight Advisory Committee 2017-
 CSFAP Economic Competitiveness Working Group 2017-
 LA Metro Regional Clean Truck Initiative Working Group 2019-2020
 LA Metro I-710 Task Force 2021-
 LA Metro I-405 Task Force 2020-
 AB 671 Implementation Working Group 2021-
 eTRUC RHETTA: Community-First Technology Advisory Committee (CTAC)

Committees, Boards - Past (since 2000):

SCAG University Advisory Group (steering committee) (2009 – 2017)
 LA Metro Blue Ribbon Committee on Transit Operations (2009-2010)
 SCAG Regional Congestion Pricing Study Steering Committee (2009-2011)
 Southern California Association of Governments Goods Movement Task Force (2005-2008)
 Mobility Advisory Council, Southern California Auto Club (2004-2006)
 Mayor's Task Force on Transportation, City of Los Angeles (2004 – 2005)
 Faculty advisory group for California Statewide Transportation Plan (2000-2002)
 Southern California Rideshare Board (1995-2001)

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