

JONATHAN LEVINE

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GENERAL INFORMATION

Positions Held

Professor of Urban and Regional Planning, A. Alfred Taubman College of Architecture and Urban Planning, University of Michigan, 2006-. Emil Lorch Collegiate Professor of Architecture and Urban Planning 2014-2017. Professor and Chair, 2006-2010. Associate Professor and Chair, 2004-2006. Associate Professor and Coordinator of Doctoral Studies 1997-2004. Assistant Professor 1991-1997.

Visiting Associate Professor of Public and International Affairs and Visiting Fellow. Woodrow Wilson School of Public and International Affairs, Princeton University. 2003-2004.

Visiting Lecturer, Faculty of Architecture and Town Planning, Technion-Israel Institute of Technology, 1997.

Instructor, Department of City and Regional Planning, the University of California at Berkeley, 1989.

Research Associate, Transportation Center, University of California, Berkeley, 1988-1990.

Junior Specialist, Institute of Urban and Regional Development, University of California at Berkeley, 1988.

Education

- Ph.D. City and Regional Planning, University of California, Berkeley, 1990.
M.S. Civil Engineering--Transportation, University of California, Berkeley, 1987.
M.C.P. City and Regional Planning, University of California, Berkeley, 1982.
B.S. Political Economy of Natural Resources, University of California, Berkeley, 1979.

Honors and Awards

Scholarly Residency, Rockefeller Foundation Bellagio Center, Bellagio, Italy, 2011.

Chester Rapkin Award for the Best Paper in the Journal of Planning Education and Research, 2010. (With Joe Grengs, Qing Shen, and Qingyun Shen).

Association of Collegiate Schools of Planning-U.S. Department of Housing and Urban Development Excellence in Urban Policy Scholarship Award, 2001.

Best of Association of Collegiate Schools of Planning Award for Planning Research, Association of Collegiate Schools of Planning and American Institute of Certified Planners, 1996.

Masters of Urban Planning Graduating Students Recognition Award for Outstanding Teaching and Dedication to Students, 1995.

Samuel C. May Research Paper Award, Western Governmental Research Association, 1988.

Transportation Research Forum, Second Prize, Graduate Student Research Paper Competition, 1987.

SCHOLARLY AND CREATIVE ACTIVITIES

Peer-Reviewed Publications

Books

Levine, Jonathan, Joe Grengs, and Louis Merlin. (Forthcoming, 2019) *The Accessibility Shift: Transforming Transportation and Land-Use Planning*. Ithaca, NY: Cornell University Press.

Levine, Jonathan. (2006) *Zoned Out: Regulation, Markets, and Choices in Transportation and Metropolitan Land Use*. Washington, D.C.: Resources for the Future.

Peer-Reviewed Journal Articles

Merlin, Louis A., Jonathan Levine, and Joe Grengs. (2018) Accessibility Analysis for Transportation Projects and Plans. *Transport Policy* 69:35-48.

Levine, Jonathan, Matan Singer, Louis Merlin, and Joe Grengs. (2018) Apples to Apples: Comparing BRT and Light Rail while Avoiding the “BRT-Lite” Trap. *Transport Policy* 69:20-34.

Levine, Jonathan, Moira Zellner, Maria Arquero, Yoram Shiftan, and Dean Massey. (2018) The Impact of Automated Transit, Pedestrian, and Bicycling Facilities on Urban Travel Patterns. *Transportation Planning and Technology* 41(5):463-480.

Levine, Jonathan, Louis Merlin, and Joe Grengs. (2017). Project-Level Accessibility Analysis for Land-Use Planning. *Transport Policy* 53(2017):107-119.

Zellner, Moira, Dean Massey, Yoram Shiftan, Jonathan Levine, and Maria Arquero. Overcoming the Last-Mile Problem with Transportation and Land-Use Improvements: An Agent-Based Approach.(2016) *International Journal of Transportation* 4(1):1-26.

Levine, Jonathan. (2013) Is Bus versus Rail Investment a Zero-Sum Game?: The Misuse of the Opportunity-Cost Concept. *Journal of the American Planning Association* 79(1):5-15.

Levine, Jonathan, Joe Grengs, Qingyun Shen, and Qing Shen. (2012). Does Accessibility Require Density or Speed? A Comparison of *Fast* versus *Close* in Getting Where you Want to Go in U.S. Metropolitan Areas. *Journal of the American Planning Association* 78(2):157-172.

Grengs, Joe, Jonathan Levine, Qing Shen, and Qingyun Shen. (2010). Intermetropolitan

Comparison of Transportation Accessibility: Sorting Out Mobility and Proximity in San Francisco and Washington, DC. *Journal of Planning Education and Research*, 29(4), 427-443.

Rodriguez, Daniel, Jonathan Levine, Jumin Song, and Asha Weinstein Agrawal. (2010). Can Information Promote Transportation-Friendly Location Decisions? A Simulation Experiment. *Journal of Transport Geography* 19(2):304-312.

Levine, Jonathan, and Lawrence Frank. (2007) Transportation and Land-Use Preferences and Residents' Neighborhood Choices: The Sufficiency of Compact Development on the Atlanta Region. *Transportation* 34(2):255-274.

Levine, Jonathan, Aseem Inam and Gwo-Wei Torng. (2005) A Choice-Based Rationale for Land-Use and Transportation Alternatives: Evidence from Boston and Atlanta. *Journal of Planning Education and Research* 24(3):317-330.

Levine, Jonathan and Aseem Inam. (2004) The Market for Transportation-Land Use Integration: Do Developers Want Smarter Growth than Regulations Allow? *Transportation* 31(4):409-427.

Inam, Aseem, Jonathan Levine and Richard Werbel. (2004) Production of Alternative Development in American Suburbs: Two Case Studies. *Planning Practice and Research* 19(2).

Levine, Jonathan and Yaakov Garb. (2002) Congestion Pricing's Conditional Promise: Promotion of Accessibility or Mobility? *Transport Policy* 9(3)179-188.

Levine, Jonathan, Qiang Hong, George Edward Hug, Jr. and Daniel Rodriguez. (2000) Impacts of an Advanced Public Transportation System Demonstration Project. *Transportation Research Record* 1735:169-177.

Levine, Jonathan, Soonae Park, Richard R. Wallace and Steven Underwood. (1999) Public Choice in Transit Organization and Finance: The Structure of Support. *Transportation Research Record* 1669:87-95.

Wallace, Richard R., Daniel A. Rodriguez, Christopher White, and Jonathan Levine. (1999) Who Noticed, Who cares? Passenger Reactions to Transit Safety Measures. *Transportation Research Record* 1666:133-138.

Levine, Jonathan, Soonae Park, Steven E. Underwood and Richard R. Wallace. (1999) Stakeholder Preferences in Advanced Public Transportation System Planning. *Journal of Public Transportation*. 2(2):25-45.

Levine, Jonathan. (1998) Rethinking Accessibility and Jobs-Housing Balance. *Journal of the American Planning Association* 64(2):133-149.

Levine, Jonathan (1997) ADA and the Demand for Paratransit. *Transportation*

Quarterly 51(1):29-43.

Reed, Thomas B. and Jonathan C. Levine. (1997) Changes in Traveler Stated Preference for Bus and Car Modes due to Real-Time Schedule Information: A Conjoint Analysis. *Journal of Public Transportation*. 1(2):25-47.

Levine, Jonathan and Steven Underwood. (1996) A Multiattribute Analysis of Goals for Intelligent Transportation System Planning. *Transportation Research C* Volume 4, Number 2, 97-111.

Levine, Jonathan and Gwo-Wei Torng. (1994) Dwell Time Effects of the Low Floor Bus Design. *Journal of Transportation Engineering* 120(6):914-929.

Levine, Jonathan. (1994) Equity in Infrastructure Finance: When Are Impact Fees Justified? *Land Economics* 70(2)210-222.

Levine, Jonathan. (1992) Decentralization of Jobs and Emerging Suburban Commute. *Transportation Research Record* 1364:71-80.

Levine, Jonathan and John D. Landis. (1989) Geographic Information Systems for Planning. *Journal of the American Planning Association* 55(2):209-220.

Levine, Jonathan. (1987) Towards a Level-of-Service Measure for Mass Transit. *Journal of the Transportation Research Forum* 18(1):362-367.

Peer-Reviewed Book Chapter:

Levine, Jonathan. (2013) Urban Transportation and Social Equity: Three Transportation-Planning Paradigms That Impede Policy Reform. In Naomi Carmon and Susan Feinstein, eds. *Policy, Planning, and People: Promoting Justice in Urban Development*. Philadelphia: University of Pennsylvania Press.

Peer-Reviewed Monographs

Levine, Jonathan, Joe Grengs, Wenting Chen, Jason Enos, Qingyun Shen, Lidia Kostyniuk, and Laurie Wargelin. (2010) Youth, Age, and Transportation Accessibility: An Intermetropolitan Comparison. Ann Arbor: University of Michigan Center for Advancing Safe Transportation throughout the Lifespan. Report No. M-CASTL 2010-03. Available at <http://m-castl.org/files/2010-03LevineReport.pdf>.

Rodriguez, Daniel, Jonathan Levine, Jumin Song, and Asha Weinstein. Can Consumer Information Tighten the Transportation/Land-Use Link? San Jose, CA: Mineta Transportation Institute. Available at <http://www.transweb.sjsu.edu/publications/05-03/MTI-05-03-TranspLandUseLink.pdf>.

Levine, Jonathan, Aseem Inam, Richard Werbel and Gwo-Wei Torng. (2002)

Transportation and Land Use Alternatives: Constraint or Expansion of Household Choice? San Jose, CA: Mineta Transportation Institute. Report 01-19. Available at <http://transweb.sjsu.edu/publications/LandUse.pdf>

Inam, Aseem, Jonathan Levine and Richard Werbel. (2002) Developer-Planner Interaction in Transportation and Land Use Sustainability. San Jose, CA: Mineta Transportation Institute. Report 01-21. A publication of the Mineta Transportation Institute, College of Business, San Jose State University. Also available at http://transweb.sjsu.edu/publications/developer_planner/DevPlan.pdf

Jonathan Levine and Yaakov Garb (2000). Evaluating the Promise and Hazards of Congestion Pricing Proposals: An Access-Centered Approach (with special reference to the proposed pilot project at the entrance to Tel Aviv). Floersheimer Institute of Policy Studies, Jerusalem. Publication No. 2/11.

Non Peer-Reviewed Publications

Levine, Jonathan (2013). Guest Column: Ann Arbor should take Pause before Reversing Crosswalk Ordinance. MLive Ann Arbor. Available at http://www.mlive.com/opinion/ann-arbor/index.ssf/2013/11/guest_column_city_should_take.html.

Levine, Jonathan and Joe Grengs (2011). Getting There: Putting Accessibility into Practice for Progressive Transportation Planning. *Progressive Planning* 189:8-11.

Levine, Jonathan (2009) Harnessing the Transportation/Land-Use Relationship. *Michigan Municipal Review*, Jan/Feb. pp. 22-25.

Levine, Jonathan. (2009) Review of Edwin Buitelaar's *The Cost of Land Use Decisions: Applying Transaction Cost Economics to Planning and Development*. *Journal of Regional Science* 49(1).

Levine, Jonathan. (2001) Review of Vukan Vuchic's *Transportation for Livable Cities*. *Journal of Planning Literature* 15(3):378.

Levine, Jonathan. (1999) Review of Robert Cervero's *The Transit Metropolis*. *Journal of the American Planning Association* 65(4):445-446.

Levine, Jonathan. (1999) Access to Choice. *Access*. 14:16-19.

Levine, Jonathan (1998) Land-Use Options Affect Transportation and the Free Market Debate. *Michigan Planner* 3 (3):1, 6-7.

Levine, Jonathan. (1998) Review of Aramis, or the Love of Technology. *Journal of the American Planning Association* 64(1): 102-103.

Brail, Richard K., William J. Drummond, Jonathan Levine and William Warren. (1995)

"Mighty Mice: A Review of the Highlights and Limitations of Three Desktop GIS Software Packages." *Planning* 61(7):8-11.

Levine, Jonathan. (1994) Opening (Pandora's?) Black Box. Review of *Modeling the World in a Spreadsheet: Environmental Simulation on a Microcomputer* by Timothy J. Cartwright and *Spreadsheet Models for Urban and Regional Analysis*, Richard E. Klosterman, Richard K. Brail and Earl G. Bossard, eds. *Journal of Planning Education and Research* 13(4):300-302.

Levine, Jonathan. (1988) Transportation Planning Under Two Masters: The Tunnel Road Controversy. *Berkeley Planning Journal* 4(1):76-87.

Other

Radio Interview, Michigan Radio, "Stateside with Cynthia Canty." 2014. "What Mixed-Use Means for your City." Available at <http://michiganradio.org/post/what-mixed-use-zoning-means-your-city>

Reports of Administrative, Scholarly and Professional Work (selected)

Grengs, Joe, Jonathan Levine, Terra Reed, Nicholas Grisham (2016). Standardized Metrics for Accessibility: Establishing a Federal Policy-Relevant Knowledge Base. USDOT Region V Regional University Transportation Center [Final Report](#).

Levine, Jonathan, Joe Grengs, and Louis Merlin. (2016) Implementation of Accessibility-Based Evaluation for Transportation and Land-Use Planning. USDOT Region V Regional University Transportation Center [Final Report](#).

Levine, Jonathan, Joe Grengs, Susan Zielinski, and Geoffrey Thün (2016). Accessibility-Based Evaluation of Transportation and Land-Use Planning: From Laboratory to Practice. USDOT Region V Regional University Transportation Center [Final Report](#).

Merlin, Louis, Jonathan Levine, and Joe Grengs (2016) Accessibility Analysis for Transportation Plans and Projects. USDOT Region V Regional University Transportation Center [Final Report](#).

Levine, Jonathan and Tom Morton (2015). The Impact of Automated Transit, Pedestrian, and Bicycling Facilities on Urban Travel Patterns: Summary Report. Federal Highway Administration, Exploratory Advanced Research Program. Report number FHWA-HRT-15-015. Available at <http://www.fhwa.dot.gov/advancedresearch/pubs/15015/15015.pdf>

Levine, Jonathan, Moira Zellner, Yoram Shiftan, Maria Arquero, and Anne Differnderfer. (2014) Effects of Automated Transit, Pedestrian, and Bicycling Facilities on Urban Travel Patterns. Report prepared for Federal Highway Administration. Available at

<http://taubmancollege.umich.edu/faculty/faculty-publications/effects-automated-transit-pedestrian-and-bicycling-facilities-urban>

Levine, Jonathan, Joe Grengs, Qing Shen, and Qingyun Shen. (2011) Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Environmental Protection Agency. EPA Agreement Number: RD-833334901-0

Natsinas, Theodoros, Jonathan Levine, and Moira Zellner, 2001. Successful Bicycle Planning: Adapting Lessons from Communities with High Bicycle Use to Ann Arbor and Washtenaw County. University of Michigan Urban and Regional Research Collaborative. Available at: <http://www.wbwc.org/bikereport.pdf>

Intercity Rail and Bus Passenger Study, 2002. Prepared for the Michigan Department of Transportation by the Urban and Regional Research Collaborative, A. Alfred Taubman College of Architecture and Urban Planning, The University of Michigan. Jonathan Levine, Principal Investigator, Tara Penders, Research Assistant.

Michigan Transit Strategic Plan, 2000-2020. (2001) Michigan Department of Transportation, Bureau of Urban and Public Transportation, Passenger Transportation Division. Prepared for the Michigan Department of Transportation by the Urban and Regional Research Collaborative, The University of Michigan. Jonathan Levine, Principal Investigator.

Commuting Impacts of the getDowntown Program, 2000. Prepared for the Ann Arbor Transportation Authority by the Urban and Regional Research Collaborative A. Alfred Taubman College of Architecture and Urban Planning, The University of Michigan. With Moira Zellner.

Customer Satisfaction And Evaluation of The Go!Pass: An Onboard Study, 2000. Prepared for the Ann Arbor Transportation Authority by the Urban and Regional Research Collaborative A. Alfred Taubman College of Architecture and Urban Planning, The University of Michigan. With Moira Zellner.

Evaluation Of The Advanced Operating System of the Ann Arbor Transit Authority: Executive Summary, 1999. US Department of Transportation Publication Number 13146. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5601!.PDF

Evaluation of the Advanced Operating System of the Ann Arbor Transit Authority: Transfer and On-Time Performance Study: Before and After AOS Implementation, 1999. US Department of Transportation Publication Number 13147. With Qiang Hong and George Edward Hug, Jr. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5701!.PDF

Evaluation of the Advanced Operating System of the Ann Arbor Transit Authority: Telephone System Operations Evaluation: Before AOS Implementation, 1999. US

Department of Transportation Publication Number 13155. With Daniel Rodriguez. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5F01!.PDF

Evaluation of the Advanced Operating System of the Ann Arbor Transit Authority: Cost Study: Before, During and After AOS Implementation, 1999. US Department of Transportation Publication 13156. With Qiang Hong. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5G01!.PDF

Evaluation of the Advanced Operating System of the Ann Arbor Transit Authority: Evaluation Of Automatic Vehicle Location Accuracy, 1999. US Department of Transportation Publication Number 13151. With Geeta Jain. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5B01!.PDF

Evaluation of the Advanced Operating System of the Ann Arbor Transit Authority: Passenger Reactions to Transit Safety Measures, 1999. US Department of Transportation Publication Number 13148. With Richard Wallace, Daniel Rodriguez and Christopher White. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5801!.PDF

Evaluation of the Advanced Operating System Of The Ann Arbor Transit Authority: AATA Web Survey, 1999. US Department of Transportation Publication Number 13154. With Richard Wallace. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@501!.PDF

Evaluation of the Advanced Operating System Of The Ann Arbor Transit Authority: Customer Satisfaction And Response To AOS, 1999. US Department of Transportation Publication Number 13152. With George Edward Hug, Jr. Available at http://www.itsdocs.fhwa.dot.gov//JPODOCS/REPTS_TE/@5C01!.PDF

1998 Ann Arbor Transportation Authority Household Survey. Prepared for the Ann Arbor Transportation Authority. With Hui-Chun Huang.

SMART Operational Field Test Evaluation: Customer Survey Report, 1997. Final Report to Suburban Mobility Authority for Regional Transportation, Detroit, MI. Co-author.

SMART Operational Field Test Evaluation: Driver Survey Report, 1997. Final Report to Suburban Mobility Authority for Regional Transportation, Detroit, MI. Co-author. . Final Report to Suburban Mobility Authority for Regional Transportation, Detroit, MI. Co-author.

SMART Operational Field Test Evaluation: Schedule Adherence Report, 1997. Final Report to Suburban Mobility Authority for Regional Transportation, Detroit, MI. Co-author.

Cost Analysis of ITS Technologies: ATMS/ATIS Integration, 1996. (co-author).

University of Michigan Intelligent Transportation System Laboratories report EECS-ITS LAB-FT96-024.

SMART APTS Operational Field Test Evaluation Plan: An Evaluation of the Suburban Mobility Authority for Regional Transportation's Advanced Public Transportation Systems Project, 1995. (co-author). University of Michigan Intelligent Transportation System Laboratories report EECS-ITS LAB - SMART95 - 001.

Paratransit Demand Management Evaluation Handbook, 1995. (co-author). Prepared for Project Action of the Easter Seals Society.

AATA Section 15 Sampling Plan for Fiscal Year 1996, 1995. (co-author). Prepared for the Ann Arbor Transportation Authority.

Transportation Study for University of Michigan Employees Living in Northeast Ann Arbor, 1994. (co-author). Prepared for the Ann Arbor Transportation Authority.

FAST-TRAC Evaluation Plan: Intelligent Vehicle Highway System Operational Field Test Evaluation Plan, 1993. Section 9: Global Analysis. University of Michigan Intelligent Transportation System Laboratories, prepared for Road Commission of Oakland County.

Town/Gown Study, College of Architecture and Urban Planning, 1993 (co-author). Prepared for the Office of the President, University of Michigan.

Report of the Commission on the Doctorate in Planning to the Association of Collegiate Schools of Planning, 1992 (co-author). Prepared for the Association of Collegiate Schools of Planning.

1992/3 AATA General Public Attitude and Awareness Survey, 1993 (co-author). Prepared for the Ann Arbor Transportation Authority.

Papers and Presentations at Academic and Professional Meetings

“Accessibility, Derived Demand, and Transport and Land-Use Policy.” Presented at conference of workshop of Cluster 6 (Accessibility) of the Network on European Communications and Transport Activity Research, Lyon, France, 2018.

“Comparing BRT and Light Rail while Avoiding the ‘BRT Lite’ Trap.” Presented at conference of Association of Collegiate Schools of Planning, Denver, 2017. (Primary author. Co-authors: Matan Singer, Louis Merlin, Joe Grengs).

“Zoning and Fair Housing: Where to from here?” Roundtable participant, Association of Collegiate Schools of Planning, Denver, 2017.

Determinants of Metropolitan Transit Accessibility. Association of Collegiate Schools of Planning, Portland, OR. 2016. (Primary author. Co-authors: Louis Merlin, Joe Grengs, Matan Singer).

Project-Level Accessibility Analysis. Network on European Communications and Transport Activities Research, Ann Arbor, MI, 2015.

Michigan Transportation Planning Association. Accessibility in Transportation and Land-Use Planning. Ann Arbor, MI, 2015.

Connected and Automated Vehicle Workshop, Urban Dynamics Institute, Energy and Transportation Science Division, Oak Ridge National Laboratory, Oak Ridge, TN. Planning for an Automated-Vehicle Future. Oak Ridge, TN, 2016.

Association of Collegiate Schools of Planning. Accessibility Analysis for Land Development. Houston, TX. 2015.

Mobility Transformation Center Congress, Ann Arbor. Planning for an Automated-Vehicle Future. 2015.

National Science Foundation Conference on Smart Cities. Urban Planning for Smart Cities. Arlington, VA, 2015.

The Automated Car and the City. Meeting of the Association of Collegiate Schools of Planning, Philadelphia, PA, 2014.

Obstacles to Accessibility-Based Transport Planning in the United States and the Netherlands. NECTAR (Network on European Communications and Transport Activities Research), Seville, Spain, 2014. With Karst Geurs.

Why is Accessibility Stuck in the Laboratory? 2013 NECTAR (Network on European Communications and Transport Activities Research) Conference, São Miguel, Azores, Portugal, 2013.

Aging in Place vs. Age-Friendly Communities. Age-Friendly Communities Conference, Housing and Transportation Reaction Panel. American Association of Retired Persons. Age-Friendly Communities, Ann Arbor, MI 2013.

Overcoming Obstacles to Age-Friendly Communities. Built for Boomers: Age-Friendly Planning for Metro Detroit. Mayors and Managers Forum. Michigan Suburbs Alliance-sponsored conference, Dearborn, 2013.

Invited Participant. Brookings Institution Roundtable: What Works Collaborative. Washington, DC, 2011.

Accessibility in Intermetropolitan Comparison: Indicators for Policy Reform. Regional Science Association International Conference, Denver, 2010.

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Transportation Research Board Livable Communities Conference, Washington, DC, 2010.

Institutional Design and Metropolitan Equity. Future of Urbanism conference, Ann Arbor, MI 2010.

Bus versus Rail in Metropolitan Transit Reinvestment Policy: Substitutes or Complements? Association of Collegiate Schools of Planning. Conference held in Crystal City, VA. 2009.

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Cities and Climate Change: Responding to an Urgent Agenda. Conference held in Marseille, France, 2009.

Urban Transportation and Social Equity: Three Transportation-Planning Paradigms that Impede Policy Reform. Planning for/with People: Looking Back for the Future. Conference held in Haifa, Israel, 2009.

Instructor, New Chair's School, Association of Collegiate Schools of Planning, 2008. Bethesda, MD

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Presented at the conference of NECTAR (Network for Communication and Transportation Activity Research), Rotterdam, 2008.

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Environmental Protection Agency Grantees' Conference, Washington DC, 2008.

The Legal Construction of “The Market” in US Land-Use Regulation. Presented at First Annual UC Irvine Conference on Urban Research, Laguna Beach, 2008.

The Legal Construction of the Market Default in the U.S. Land-Use Debate. Presented at the meeting of the Law and Society Association, Berlin, 2007.

Accessibility and Mobility in Transportation Planning. Roundtable. Presented at the meeting of the Association of Collegiate Schools of Planning, Milwaukee, WI 2007.

Can Consumer Information Tighten the Transportation/Land-Use Link? With Daniel Rodriguez, Jumin Song, and Asha Weinstein. Presented at the meeting of the Association of Collegiate Schools of Planning, St. Louis, MO 2005.

Accessibility in Transit Planning. Presented at the International Conference on a Mass Transit Master Plan for Tel Aviv. Tel Aviv, Israel, 2005.

Planning for the Land-Use/Transportation Connection. Presented at the International Conference on a Mass Transit Master Plan for Tel Aviv. Tel Aviv, Israel, 2005.

Land-Use Regulation: Constraint on Transportation/Land-Use Choice. Conference: “From Mobility to Accessibility.” University of Michigan, Ann Arbor, 2004.

The Inefficiency of Municipal Exclusion: Economists, Planners and Land-Use Regulation. Presented at the meeting of the Association of Collegiate Schools of Planning Portland OR, 2004

Transportation and Land-Use Preferences and Residents’ Neighborhood Choices: The Sufficiency of “Smart Growth” in The Atlanta Region. Presented at the Joint Meeting of the Association of Collegiate Schools of Planning/Association of European Schools of Planning, Leuven, Belgium, 2003.

Congestion Pricing's Conditional Promise: Promotion of Accessibility or Mobility? . Association of Collegiate Schools of Planning, Baltimore MD, 2002. With Yaakov Garb.

The Unmet Demand for Alternatives to Auto-Oriented Neighborhoods in the Atlanta Region: Disparity between Stated Preferences and Revealed Residential Location Choices. Association of Collegiate Schools of Planning, Baltimore MD, 2002. With Lawrence Frank.

Congestion Pricing's Conditional Promise: Promotion of Accessibility or Mobility? Transportation Research Board, Washington, DC, 2002. With Yaakov Garb.

Developer-Planner Interaction in Accessible Land Use Development. Association of Collegiate Schools of Planning, Cleveland, 2001. With Aseem Inam.

Technology and Decentralization: The Potential of and Limits to Transit Services in Low

Density Environments. Conference on the Transportation-Land Use-Environment Connection. Lake Arrowhead, CA. University of California, Los Angeles.

Michigan Transit Strategic Plan: Towards Implementation. Michigan Transit Conference, Midland MI, 2001.

Michigan Transit Strategic Plan. World of Transit Conference, Midland, MI 2000.

Innovation in Transportation and Land Use as Expansion of Household Choice. Association of Collegiate Schools of Planning, Atlanta, 2000. With Aseem Inam and Gwo-Wei Torng.

Impacts of an Advanced Public Transportation System Demonstration Project. Transportation Research Board, Washington, DC, 2000. With Qiang Hong, George Edward Hug, Jr. and Daniel Rodriguez.

The Illusion of Strong Planning is an Impediment to Sound Planning: Expectations of Land Use Impacts of the Trans-Israel Highway. Association of Collegiate Schools of Planning, Chicago, 1999. With Yaakov Garb.

Stakeholder Analysis and Institutional Issues in Intelligent Transportation Systems Planning. Intelligent Transportation Systems Society of America Conference, Detroit, 1998.

Public Choice in Transit Organization and Finance: The Structure of Support. Association of Collegiate Schools of Planning, Pasadena, CA, 1998. With Soonae Park, Richard Wallace and Steven Underwood.

The Illusion of Strong Planning is an Impediment to Sound Planning: Expectations of Land Use Impacts of the Trans-Israel Highway. "50 Years of Israeli Planning" Conference, Haifa, 1998. With Yaakov Garb.

Public Choice in Transit Organization and Finance: The Structure of Support. Transportation Research Board, Washington D.C., 1998. With Soonae Park, Richard Wallace and Steven Underwood.

Stakeholder Analysis and Institutional Issues in Intelligent Transportation Systems Planning. Intelligent Transportation Systems Society of America Conference, Detroit, MI, 1998.

Support for Public Transit in an Auto-Dependent Region. Association of Collegiate Schools of Planning, Ft. Lauderdale, FL, 1997.

Transportation Access for People with Disabilities: The American Experience. Conference on disability rights, Haifa, Israel, 1997.

Invited participant at TRED (Taxation, Resources, Economic Development) conference, Lincoln Institute of Land Policy, Cambridge, MA, October 1996; presented “Land Use Solutions to Transportation Problems: Rethinking Accessibility and Jobs-Housing Balance.”

Rights and Incentives in Disability Transit Policy: The Americans with Disabilities Act and the Management of Demand for Paratransit. Association of Collegiate Schools of Planning/Association of European Schools of Planning, Toronto, 1996.

Research Methods for Analysis of Land Travel Behavior: A Roundtable. Association of Collegiate Schools of Planning/Association of European Schools of Planning, Toronto, 1996.

Rethinking Accessibility and Jobs-Housing Balance. American Planning Association, Orlando, FL, 1996.

Rethinking Accessibility and Jobs-Housing Balance. Transportation Research Board, Washington, D.C., 1996.

Internet 101: Basic Internet Tools. Mini-course presented at Association of Collegiate Schools of Planning, Detroit, MI 1995. With Rene Hinojosa and William Drummond.

Stakeholder Preferences in Urban Transportation Evaluation: A Multiattribute Analysis of Goals for Intelligent Transportation System Planning. Association of Collegiate Schools of Planning, Detroit, MI 1995. With Steven Underwood.

Land Use Solutions to Transportation Problems? Rethinking Accessibility and Jobs-Housing Balance. Association of Collegiate Schools of Planning, Detroit, MI 1995.

Desktop Mapping for Professional Planning Practice: A Panel. American Planning Association, Toronto, 1995.

Stakeholder Preferences in Urban Transportation Evaluation: A Multiattribute Analysis of Goals for Intelligent Transportation System Planning. Transportation Research Board, Washington, D.C. , 1995. With Steven Underwood.

The Role of Information Technology in Planning Schools: A Roundtable. Association of Collegiate Schools of Planning, Tempe, AZ 1994.

Dwell Time Effects of the Low Floor Bus Design. Transportation Research Board, Washington, DC, 1994. With Gwo-Wei Torng.

Framework for Intelligent Vehicle/Highway System Evaluation. Regional Science Association International, Houston, TX, 1993. With Steven Underwood.

Assessing the Commute-Reducing Potential of Jobs-Housing Balancing Policy.

Association of Collegiate Schools of Planning, Philadelphia, PA, 1993.

Travel Behavior and the Evaluation of Advanced Public Transportation Systems. Association of Collegiate Schools of Planning, Columbus, OH, 1992. With John Nystuen and Steven Underwood.

Geographic Information Systems in the Planning Program. Association of Collegiate Schools of Planning, Columbus, OH, 1992.

Doctoral Programs in Planning. Association of Collegiate Schools of Planning, Columbus, OH, 1992.

Decentralization of Jobs and the Emerging Suburban Commute. Transportation Research Board, Washington, DC, 1992.

Geographic Information Systems in Urban and Environmental Planning. Population and Environment Dynamics Program, Pellston, MI, 1992.

Decentralization of Jobs and the Emerging Suburban Commute. Association of Collegiate School of Planning, Oxford, UK, 1991.

Employment Suburbanization and the Journey to Work: Differential Income Effects. Association of Collegiate Schools of Planning, Portland, OR, 1989.

Impact Fee Financing. Lincoln Institute of Land Policy Seminar, Berkeley, CA, 1989.

Intergenerational Equity in Impact Fee Financing. Western Regional Science Association, San Diego, CA, 1989.

Intergenerational Equity in Impact Fee Financing. Association of Collegiate Schools of Planning, Buffalo, NY, 1988.

Towards a Level of Service for Mass Transit. Transportation Research Forum, San Antonio, TX, 1987.

Invited Presentations

Smart Policies, Smart Transportation: When should we start planning for a future of self-driving cars? 2017. Osher Lifelong Learning Institute, Ann Arbor, MI.

Interviewed on PRI's The World. 2017. Link: <https://www.pri.org/stories/2017-03-10/us-transportation-so-far-behind-swedens-its-not-even-funny>

The Automated Car and the City: Potential Transportation Futures. 2017. Taubman College of Architecture and Urban Planning. Ann Arbor, MI.

Zoned Out and Latest Research. 2016. The Committee for Sydney. Sydney, Australia (delivered via remote teleconferencing).

Is Public Transit's Job to Fight Roadway Congestion? 2016. Renmin University Transit Forum. Beijing, China.

Urban Planning in Schools of Architecture and Schools of Public Affairs. 2016. Deans' Forum, International Association of China Planning. Beijing, China, 2016.

Research Audience, Goal, Question, and Design. 2016 ACSP Ph.D. Student Workshop. Portland, OR.

From Mobility to Accessibility in Transportation and Land-Use Planning. 2016 Department of Geography, Central Michigan University. Mt. Pleasant, MI.

Keynote address: From Mobility to Accessibility in Transportation and Land-Use Planning. 2016. mobil.TUM 2016 International Scientific Conference on Mobility and Transport "Transforming Urban Mobility" Munich, Germany.

Transforming Mobility. University of Michigan Alumni Seminar, Palm Beach, FL. 2015.

Accessibility Evaluation in Transportation and Land-Use Planning. Urban Dynamics Institute, Oak Ridge National Laboratories, Oak Ridge, TN. 2014.

Keynote speaker, Delaware Complete Communities Summit, Dover, DE 2014. "Regulatory Barriers to Complete Communities."

Melvin Webber Memorial Lecture. 19th Annual University of California Transportation Center Conference. University of California, Los Angeles. "Accessibility Evaluation in Transportation and Land-Use Planning." 2013

Accessibility as Transportation Sustainability. Fourth Annual Workshop. Emerging Frontiers in Research and Innovation/Resilient and Sustainable Infrastructure. National Science Foundation. Washington, DC, 2012.

Keynote Speaker. European Union COST (Cooperation in Science and Technology) Action Conference: "Accessibility Instruments in Planning Practice." Turin, Italy.

Keynote speaker. Research Symposium: Accessibility and Sustainable Transportation. Technion-Israel Institute of Technology, Haifa. 2011.

Invited speaker, Transportation Research Board Committee on Geographic Information

Science and Applications and the University Consortium for Geographic Information Science. Select Workshop on Geographic Information Science for Livable and Sustainable Communities. National Academies, Washington, D.C. 2011.

National Infrastructure Summit, Regina, Saskatchewan, 2011.

Urban Council, Canadian Association of Home Builders. Ottawa, 2010

Arie Shachar Memorial Lecturer, Institute for Urban and Regional Studies, Hebrew University of Jerusalem, 2010:

- Lecture: Metropolitan Accessibility and Transportation Investment
- Graduate Student Workshop: Urban form and the Decentralization and Planning: A Cautionary Tale from the United States

Expert in Residence. Sustainable Cities Initiative, University of Oregon, Eugene. 2010:

- Lecture: Zoned Out: Regulations, Markets and Choices in Transportation and Metropolitan Land Use
- Lecture: Metropolitan Accessibility and Transportation Sustainability.
- Guest instruction: Impact of Alternative Rationales for Land-Use Regulation
- Accessible Transportation: Discussion with City of Gresham staff and other metropolitan Portland transportation and planning professionals

Transportation Accessibility. Lecture to the Graham Environmental Sustainability Institute External Advisory Committee, University of Michigan, 2010

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. "Transportation at McGill" lecture series. School of Urban Planning, McGill University, Montreal 2010.

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Instituto Superior Tecnico, Lisbon, Portugal, 2009.

Keynote Address, Transport Chicago Conference, 2008.

Accessibility and Mobility: Comparative Indicators for Policy Reform. Environmental Protection Agency, Washington DC, 2008.

Invited Lecturer, Ben Gurion University, Sde Boqer, Israel, 2008. "Transportation Accessibility and Metropolitan Sustainability."

Invited Lecturer, University of Iceland, Reykjavik, 2008. "Transportation Accessibility and Metropolitan Sustainability."

Invited Lecturer, Instituto Superior Tecnico, Lisbon, Portugal, 2007. “Transportation Accessibility and Metropolitan Sustainability.”

Invited Lecturer, University of Iceland, Reykjavik, 2007. “History and Consequences of Planning-Institution Design.”

Keynote address, University of Minnesota Transportation Center Conference, 2007.

Invited Lecturer, College of Architecture and Urban Planning, University of Colorado, Denver. 2007

Keynote Speaker, 18th Annual Research Conference, Center for Transportation Studies, University of Minnesota, St. Paul.. 2007

Invited Participant. “Mobility Solutions Abroad.” Confederation of Indian Industry/Janaagraha Urban Conclave. Bangalore, Karnataka, India. January 2007.

Keynote Speaker, NC73 Council of Planning Conference, Charlotte, NC, 2006.

Interviewed on NPR-Affiliate “Smart City Radio,” 2006. Link:
<http://smartcityradio.fluidhosting.com/2006/02-February/02-26-06SmartCity.mp3>

Zoned Out: Regulation, Markets and Choices in Transportation and Metropolitan Land-Use. Invited speaker at Virginia Tech (Blacksburg), Resources for the Future/Brookings Institute (Washington, DC), EPA Smart Growth Speaker Series (Washington, DC), and University of Maryland (College Park) (March 2006); University of Oregon (Eugene), and Portland State University (Portland) (April 2006).

Invited Speaker. “Traffic Congestion: Issues and Options.” Washington, DC, June 2003. Conference sponsored by the University of California, Los Angeles.

Invited Participant, “Educating Infrastructure Professionals to Make a Difference: Second Annual Conference on Infrastructure Priorities.” Glen Cove, NY. The Institute for Civil Infrastructure Systems, New York. July 2002.

Developer-Planner Interaction in Accessible Land Development. Committee on Transportation and Land Development, Transportation Research Board, Washington, DC, 2002.

Planning for Nanchang's Future. Invited consultation on metropolitan plans for Nanchang, Jiangxi Province, China. 2001.

Choice and Access in Transportation and Land Use Planning. Budapest Technical University, Budapest, Hungary 2001.

Invited Participant in Sustainable Mobility Dialogue Conference, Hosted by World Business Council on Sustainable Development, Organized by Ford and General Motors, Washington, DC, 2001.

Innovation in Transportation and Land Use: Access to Choice. University of Michigan Land Use Conference, 2000.

Private Sector Role in "Smart Growth." National Association of Home Builders, Coral Gables FL, 2000.

Access to Choice: Markets and Regulation in Land Development. Environmental Protection Agency Clean Air Act Advisory Council. Washington, D.C., 1999.

Uses and Abuses of International Transportation and Land Use Planning Research in Israel. Transport Today and Tomorrow, Tel Aviv, 1998.

The Flawed Culture of Transportation Planning. Israel Institute for Transportation Planning Research, Tel Aviv, 1997.

American Transportation Policy for People with Disabilities. Paper delivered to Israeli Conference on Disability Policy, Haifa, Israel, 1997.

Geographic Information Systems. Partnership 2000 (Israel) Visiting Study Group, Ann Arbor, 1996.

Conference on Methods of Societal Analysis in Transportation, Ypsilanti. Facilitated group on analytical methods for elderly and disabled transportation issues, 1995.

Geographic Information Systems. Michigan Map Society, 1993.

Geographic Information Systems. School of Information and Library Studies, University of Michigan, 1992.

Geographic Information System Tutorial. Computing for the Social Sciences, Third Annual Conference. Ann Arbor, MI, 1992.

Impact Fees in Transportation Finance. Institute of Transportation Engineers, Northern California Chapter, Berkeley, CA, 1988.

Funded Research Grants--Principal Investigator or Co-Principal Investigator
(Sole Principal Investigator unless otherwise specified.)

Reinventing Transportation and Urban Mobility. Michigan Institute for Data Science. \$105,552 (Urban Planning portion of project; total grant \$1,369,942) 2016-. Co-principal investigator; Pascal Van Hentenryck, Principal Investigator.

Implementation of Accessibility-Based Evaluation for Transportation and Land-Use Planning. NEXTRANS, Region V University Transportation Center. United States Department of Transportation. \$78,430. 2014-.

Sustainable Transportation for a 3rd Century: An Interdisciplinary Approach to Addressing the Last Mile Problem for Enhanced Accessibility. Office of the University of Michigan (Global Challenges for a Third Century Phase 1 grant program). \$299,878. Co-PI. 2013-2014.

Accessibility Evaluation from Laboratory to Practice. NEXTRANS, Region V University Transportation Center. United States Department of Transportation. \$150,000. 2013-.

Information and Transportation Choices, Long- and Short-Term, that Link Sustainability and Livability. NEXTRANS, Region V. University Transportation Center. United States Department of Transportation. NEXTRANS, Region V. University Transportation Center. United States Department of Transportation. \$92,262. 2013-2014.

Standardized Metrics for Accessibility: Establishing a Federal Policy-Relevant Knowledge Base. \$94,147. NEXTRANS Region V. University Transportation Center. Co-PI, with Joe Grengs, PI. 2013-2014.

Effects of Automated Transit and Pedestrian/Bicycling Facilities on Urban Travel Patterns. Federal Highway Administration. 2010-2013. \$828,660

Graham Environmental Sustainability Institute. Campus Sustainability Integrated Assessment. Faculty lead, campus transportation sustainability team. 2010-2011. \$37,000 (approx).

Moving Minds: The Next Transportation Infrastructure. University of Michigan Office of the Vice President for Research Faculty Grants and Awards Program. \$2,500. 2009.

Experiential Learning Fund Grant for Iceland Planning/Architecture Studio. International Institute, 2008. \$10,000.

Youth, Age, and Transportation Accessibility. Michigan Center for Advancing Safe Transportation throughout the Lifespan (M-CASTL). 2008-2010. \$96,634. Jonathan Levine, Principal Investigator. Joe Grengs, Lidia Kostyniuk, Laurie Wargelin, co-principal investigators.

Gauging Progress Toward Accessibility. Federal Highway Administration, 2007-2011. \$118,569. Co-principal Investigator. Principal Investigator: Joe Grengs.

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Graham Environmental Sustainability Institute, 2007-2010. \$146,965. Jonathan Levine, Principal Investigator. Co-Principal Investigators: Joe Grengs, Carl Simon, Susan Zielinski.

Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Environmental Protection Agency-Science to Achieve Results (STAR). 2007-2011 \$300,000. Jonathan Levine, Principal Investigator. Co-Principal Investigators: Joe Grengs, Qing Shen, Carl Simon, Susan Zielinski.

Transit Evaluation Survey, Ann Arbor Transportation Authority. 2006. \$26,364.

Evaluation of the getDowntown Program. Ann Arbor Council for Community Excellence. 2005. \$27,484.

Decision Making Influences in Land Use and Transportation: An Experiment on the Impact of Transportation and Housing Information. With Daniel Rodriguez and Asha Weinstein. Mineta Transportation Institute. 2002-2005. \$53,168.

AATA Home Interview Survey. Funded by the Ann Arbor Transportation Authority. \$35,474. 2002.

Public Transit Evaluation Study. Funded by the Ann Arbor Transportation Authority. \$25,216. 2002.

Intercity Bus and Rail Study. Funded by the Michigan Department of Transportation. \$41,116. 2001-2002.

Successful Bicycle Planning. Funded by the City of Ann Arbor, University of Michigan, Ann Arbor Transportation Authority and Washtenaw County Drain Commissioner. \$19,000. 1999-2001. With Theodoros Natsinas.

Public Transit Evaluation Studies. Funded by the Ann Arbor Transportation Authority. \$68,156. 2000-2001.

Developer-Planner Interaction in Transportation and Land Use Sustainability. Funded by the International Institute for Surface Transportation Policy Studies. \$61,669. Co-Principal Investigator. With Aseem Inam and Richard Werbel. 1999-2002.

Transportation and Land Use Innovation: Impacts on Household Residential Choice. Funded by the International Institute for Surface Transportation Policy Studies. \$79,366. Principal Investigator. With Aseem Inam and Richard Werbel. 1999-2002.

Michigan Transit Strategic Plan. Funded by the Michigan Department of Transportation. \$195,468. Principal Investigator. With Tom Reed and Steven Underwood. 1999-2001.

Job Express Evaluation. Funded by the Suburban Mobility Authority for Regional Transportation. \$100,000. Co-Principal Investigator. With Steven Underwood. 1998-1999.

Transportation and Society Seminar. Funded by the Great Lakes Center for Truck and Transit Research and the University of Michigan Transportation Research Institute. \$138,000. Principal Investigator, with Patricia Waller and Michelle Barnes. 1993-1998.

Organizational Requirements of ITS-Based Paratransit Coordination. Funded by the Great Lakes Center for Truck and Transit Research. \$44,132. 1998-1999.

From Advanced Public Transportation Systems to Decision Support for Transit. Funded by the Great Lakes Center for Truck and Transit Research. \$43,374. 1998-1999.

Transit Household Interview Survey. Funded by the Ann Arbor Transportation Authority. \$18,017. 1998.

Evaluation of Ann Arbor Transportation Authority Intelligent Transportation System. \$195,000. 1997-1999.

Origin-Destination Study for Public Transit. Funded by the Ann Arbor Transportation Authority, 1996. \$26,629.

Evaluation of SMART (Suburban Detroit Public Transit) Intelligent Transportation System. Funded by the Suburban Mobility Authority for Regional Transportation, \$800,000. Co-Principal Investigator, with Steven Underwood. 1994-1999.

Methodologies for the Evaluation of Demand Management Strategies for Paratransit. Funded by Project Action of the Easter Seal Society. \$21,000. 1995.

Evaluation of Ann Arbor Transportation Authority's Intelligent Transportation System. Funded by the Great Lakes Center for Truck and Transit Research. \$26,036. 1994-1995.

Value of Transit Arrival Time Information. Funded by the Great Lakes Center for Truck and Transit Research. \$12,611. Principal Investigator, with Thomas Reed. 1994-95.

Locational Analysis for Transit Planning. Funded by the Ann Arbor Transportation Authority. \$14,153. 1993.

Dwell Time Impacts of the Low Floor Bus Design. Funded by the Ann Arbor Transportation Authority. \$13,352. 1993.

Travel Behavior Home Interview Survey. Funded by the Ann Arbor Transportation Authority. \$10,462. 1992-1993.

Geographic Information System Laboratory. Funded by the Office of the Vice President

for Research, 1991. \$100,000. Co-Principal Investigator, with John Nystuen.

Other Funded Research

Consultant to SMARTRAQ (Atlanta) Stated Preference Survey in Transportation and Land Use. 2002-2004.

FAST-TRAC Global Analysis. Funded by the Road Commission for Oakland County. Research team member; Steven Underwood, Principal Investigator. \$132,605. 1993-1997.

Theses

Levine, Jonathan (1990) *Employment Decentralization and the Journey to Work*. Ph.D. dissertation, University of California at Berkeley.

Levine, Jonathan (1981) *Water Pollution Control Public Opinion Survey*. M.C.P. Professional Report, University of California at Berkeley.

TEACHING

Regular Academic Courses Taught

Research Design (doctoral), University of Michigan.

State and Local Land Management, University of Michigan.

Integrated Field Experience (Master of Urban Planning capstone), University of Michigan.

Urban and Metropolitan Development: Planning and Policy Agenda. Woodrow Wilson School of Public and International Affairs, Princeton University, 2004.

Urban Transportation Policy and Planning. Department of City and Regional Planning, University of Pennsylvania, 2004.

Doctoral Research Seminar, Urban, Technological and Environmental Planning (UTEP) Program, University of Michigan (co-taught). Issues in the design and implementation of planning research.

Doctoral Core Seminar, UTEP, University of Michigan. Seminar on planning theory and ethics, including visits from Urban and Regional Planning affiliated faculty.

Geographic Information Systems, Introduction to, University of Michigan. Theory and

practice of geographic information systems in an urban context.

Geographic Information Systems, University of Michigan. Advanced geographic information systems theory and practice. Participants serve as a geographic information system consulting team on a real-world project for a local community.

Integrative Field Experience, University of Michigan. Applied studio course offered as a capstone for the Master of Urban Planning degree.

Public Economics for Urban Planning, University of Michigan. Public finance and application of economics to urban planning issues.

Quantitative Planning Methods I, University of Michigan. Statistical, mathematical and computer methods applied to planning problems.

Quantitative Planning Methods II, University of Michigan. Fundamental techniques of matrix algebra, database design, multiple regression and associated computer applications applied to planning and forecasting problems.

State and Local Land Management, University of Michigan. Planning- and market-based reform in municipal and regional land-use planning.

Transportation and Society Seminar, University of Michigan (co-taught). Cross-campus interdisciplinary seminar, based on visiting experts, on the interaction of transportation and other social issues.

Transportation and Land Use Planning, University of Michigan. History, theory, technique and policy in transportation and land use planning, including microcomputer transportation modeling.

Urban Planning Methods, Introduction to, University of California at Berkeley (co-taught). Statistics and computer methods applied to planning problems.

Professional Development Courses Co-Taught

Microcomputer-Based Geographic Information Systems. Professional courses sponsored by the Lincoln Institute of Land Policy, Cambridge MA, 1988 and Berkeley CA, 1989.

ACADEMIC AND PROFESSIONAL SERVICE

Special Assignments for Professional Organizations/University

Local host and organizer, Biennial Conference of NECTAR (Network on European Communications and Transport Activity Research), Ann Arbor, 2015. Organizer of subconference: Accessibility Based Evaluation from Laboratory to Practice
Member, Scientific Advisory Board, Urban Dynamics Institute, Oak Ridge National Laboratories. 2015-

Planning Accreditation Board, Site Visit Team Member, 2008-

University of Michigan Transportation Research Institute Executive Committee, 2012-
Executive Committee, Michigan Mobility Transformation Center, 2012-

Editorial Advisory Board Member, *Journal of Transportation and Society*, 2010-

Editorial Advisory Board Member, *City, Culture, and Society*, 2009-

Editorial Advisory Board Member, *Journal of Transportation and Land Use* 2007-

M-CASTL University Transportation Center Executive Committee, University of Michigan 2006-2010.

SMART (Sustainable Mobility and Accessibility Research and Transformation) Core Steering Committee. 2005-.

Graham Environmental Sustainability Institute Executive Committee 2006-2010

Campus Safety and Security Committee 2004-2006.

Track Chair, Transportation and Infrastructure Track, Association of Collegiate Schools of Planning, 2001-2004.

University of Michigan Information Revolution Commission, 2000-2001

University of Michigan Coordinating Committee for Geographic Information Systems. 1996-1999.

Association of Collegiate Schools of Planning, ACSP Detroit 95 Conference Organizing Committee. 1993-1995.

University of Michigan Faculty Senate Assembly, 1993-1995.

Association of Collegiate Schools of Planning Commission on the Doctorate. 1991-1992.

Association of Collegiate Schools of Planning Executive Committee 1988-1990.

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Professional Associations

Member, American Planning Association