

# Joe Grengs, PhD, AICP, P.E.

University of Michigan  
Urban and Regional Planning

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## EDUCATION

Ph.D., City and Regional Planning, Cornell University (2002)

MURP, Master of Urban and Regional Planning, University of Minnesota, Humphrey Institute of Public Affairs (1997)

Bachelor of Civil Engineering, University of Minnesota, Institute of Technology (1985)

## ACADEMIC APPOINTMENTS

Sep 2021 – present Professor of Urban and Regional Planning, University of Michigan

Sep 2010 – Sep 2021 Associate Professor of Urban and Regional Planning, University of Michigan

July 2017 – July 2021 Chair, Urban and Regional Planning, University of Michigan

July 2014 – July 2017 Director of Doctoral Studies, Urban and Regional Planning, University of Michigan

Sep 2002 – May 2010 Assistant Professor of Urban and Regional Planning, University of Michigan

## RESEARCH AND TEACHING INTERESTS

Transportation policy, urban spatial development patterns, urban poverty, spatial analysis and geographic information systems, environmental justice, and community development.

Courses Taught: Race, Difference, and Social Justice in the U.S. City; Transit, Bicycle, and Pedestrian Planning and Practice; Planning Methods; Transportation and Public Policy; Doctoral Research Seminar; Urban and Regional Theory; Metropolitan Structure; Introduction to Geographic Information Systems; Intermediate Geographic Information Systems; Capstone Studio; Expanded Horizons Field Experience.

## BOOK (PEER-REVIEWED)

Levine, Jonathan, **Joe Grengs**, and Louis A. Merlin. (2019). *From Mobility to Accessibility: Transforming Urban Transportation and Land-Use Planning*. Ithaca, NY: Cornell University Press.

## BOOK CHAPTERS (PEER-REVIEWED)

**Grengs, Joe**. (2019). On the Way But Not There Yet: Making Accessibility the Core of Equity Planning in Transportation. In Krumholz, Norman and Wertheim Hexter, Kathryn (Eds.), *Advancing Equity Planning Now: Seeking a More Just City*. Ithaca, NY: Cornell University Press.

Goodspeed, Robert, and **Joe Grengs**. (2017). GIS&T in Urban and Regional Planning. In Wilson, J.P. (Ed.), *The Geographic Information Science and Technology Body of Knowledge (4th Quarter 2017 Edition)*, DOI:10.22224/gistbok/2017.4.2.

**Grengs, Joe**. (2015). Comparing People and Places with Transportation Accessibility in Metropolitan Detroit. In Thomas, J.M. and H. Bekkering (Eds.), *Mapping Detroit: Land, Community, and Shaping a City* (pp. 101-114). Detroit: Wayne State University.

## JOURNAL ARTICLES (PEER-REVIEWED)

**Grengs, Joe**. Forthcoming. "Explaining Racial and Ethnic Disparities in Travel for Food Shopping: The Roles of Income, Household Structure, and Metropolitan Residential Segregation in the United States." *Journal of Urban Planning and Development*. DOI: 10.1061/JUPDDM/UPENG-4645.

- Hu, Lingqian, and **Joe Grengs**. 2023. Disparities from Intersecting Effects: An Introduction to a Special Issue on Transportation and Environmental Racism. *Transportation Research Part D: Transport and Environment*, 114 (January), <https://doi.org/10.1016/j.trd.2022.103559>.
- Merlin, Louis, 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.
- Lowe, Kate, and **Joe Grengs**. (2018). Private Donations for Public Transit: The Equity Implications of Detroit's Public-Private Streetcar. *Journal of Planning Education and Research*, DOI: 10.1177/0739456X187612.
- Levine, Jonathan, Louis Merlin, and **Joe Grengs**. (2017). Project-Level Accessibility Analysis for Land-Use Planning. *Transport Policy*, 53, 107-119.
- Vivoda, Jonathon, Cathleen Connell, Amy Schulz, **Joe Grengs**, Steven Heeringa. (2017). Everything in Moderation: Interaction Effects among Gender, Race, and Driving Reduction/Cessation. *Innovation in Aging*, 1(1), 37.
- Vivoda, Jonathon, Steven Heeringa, Amy Schulz, **Joe Grengs**, Cathleen Connell. (2017). The Influence of the Transportation Environment on Driving Reduction and Cessation. *Gerontologist*, 57(5), 824-832.
- Hirsch, Jana A., **Joe Grengs**, Amy Schulz, Sara D. Adar, Daniel A. Rodriguez, Shannon J. Brines, and Ana V. Diez Roux (2016). How Much are Built Environments Changing, and Where?: Patterns of Change by Neighborhood Sociodemographic Characteristics Across Seven U.S. Metropolitan Areas. *Social Science & Medicine*, 169, 97-105.
- Grengs, Joe**. (2015). Nonwork Accessibility as a Social Equity Indicator. *International Journal of Sustainable Transportation*, 9 (1), 1-14.
- Wang, Xiaoguang, **Joe Grengs**, and Lidia Kostyniuk. (2014). Using a GPS Data Set to Examine the Effects of the Built Environment along Commuting Routes on Travel Outcomes. *Journal of Urban Planning and Development*, 140 (4), 1-10.
- Wang, Xiaoguang, **Joe Grengs**, and Lidia Kostyniuk. (2013). Visualizing Travel Patterns with a GPS Dataset: How Commuting Routes Influence Non-Work Travel Behavior. *Journal of Urban Technology*, 20 (3), 105-125, DOI: 10.1080/10630732.2013.811986.
- Grengs, Joe**. (2012). Equity and the Social Distribution of Job Accessibility in Detroit. *Environment and Planning B: Planning and Design*, 39 (5), 785-800.
- Levine, Jonathan, **Grengs, Joe**, 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 Regions. *Journal of the American Planning Association*, 78 (2), 157-172.
- Grengs, Joe**. (2010). Job Accessibility and the Modal Mismatch in Detroit. *Journal of Transport Geography*, 18, 42-54.
- 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.
- Grengs, Joe**, Xiaoguang Wang, and Lidia Kostyniuk. (2008). Using GPS Data to Understand Driving Behavior. *Journal of Urban Technology*, 15 (2), 33-53.
- Grengs, Joe**. (2007). Reevaluating Poverty Concentration with Spatial Analysis: Detroit in the 1990s. *Urban Geography*, 28 (4), 340-360.
- Grengs, Joe**. (2005). The Abandoned Social Goals of Public Transit in the Neoliberal City of the USA. *City: Analysis of Urban Trends, Culture, Theory, Policy, Action*, 9 (1), 51-66.
- Grengs, Joe** (2004). Measuring Change in Small-Scale Transit Accessibility with Geographic Information Systems: The Cases of Buffalo and Rochester. *Transportation Research Record: Journal of the Transportation Research Board*, 1887, 10-17.
- Grengs, Joe** (2002). Community-Based Planning as a Source of Political Change: The Transit Equity Movement of Los Angeles' Bus Riders Union. *Journal of the American Planning Association*, 68 (2), 165-178.
- Grengs, Joe** (2001). Does Public Transit Counteract the Segregation of Carless Households? Measuring Spatial Patterns of Accessibility with GIS. *Transportation Research Record: Journal of the Transportation Research Board*, 1753, 3-10.

**Grengs, Joe** (2001). A Nicaraguan Street Clash. *World Transport Policy & Practice*, 7 (3), 49-63.

**Grengs, Joe** (2000). Sprawl, Supermarkets, and Troubled Transit: Disadvantage in the Inner City of Syracuse. *Colloqui*, Vol. XV: 35-55.

**Grengs, Joe** (1998). Improving Urban Service Delivery: The Case of Bicycles in León, Nicaragua. *Colloqui*, Vol. XIII: 53-62.

#### MONOGRAPH (PEER-REVIEWED)

Levine, Jonathan, **Joe Grengs**, Wenting Chen, Jason Enos, Qingyun Shen, Lidia Kostyniuk, and Laurie Wargelin (2010). *Youth, Age, and Transportation Accessibility: An Intermetropolitan Comparison*. Report No. M-CASTL 2010-03. Ann Arbor, MI: University of Michigan Transportation Research Institute, Center for Advancing Safe Transportation throughout the Lifespan.

#### JOURNAL ARTICLES (EDITOR-REVIEWED)

Norman, Luke K., and **Joe Grengs**. (2015). Interpreting and Confronting Cutbacks to Public Transit in Your Community. *Progressive Planning*, No. 205, 26-36.

Levine, Jonathan, and **Joe Grengs**. (2011). Getting There: Putting Accessibility into Practice for Progressive Transportation Planning. *Progressive Planning*, No. 189, 8-11.

**Grengs, Joe**. (2005). Fighting for Balanced Transportation in the Motor City. *Progressive Planning*. No. 163, 8-10.

**Grengs, Joe**. (2001). Mass Transit on the Rise: Is Everyone Benefiting? *Planners Network*, No. 148: 9-10, July/August.

#### PUBLISHED PROFESSIONAL REPORTS

**Grengs, Joe**, Jonathan Levine, Terra Reed, Nicholas Grisham. (2016). *Standardized Metrics for Accessibility: Establishing a Federal Policy-Relevant Knowledge Base*. West Lafayette, IN: NEXTRANS, USDOT Region V Regional University Transportation Center, Purdue University.

Levine, Jonathan, **Joe Grengs**, Louis Merlin. (2016). *Implementation of Accessibility-Based Evaluation for Transportation and Land-Use Planning*. West Lafayette, IN: NEXTRANS, USDOT Region V Regional University Transportation Center, Purdue University.

Levine, Jonathan, **Joe Grengs**, Susan Zielinski, Geoffrey Thün. (2016). *Accessibility-Based Evaluation of Transportation and Land-Use Planning: From Laboratory to Practice*. West Lafayette, IN: NEXTRANS, USDOT Region V Regional University Transportation Center, Purdue University.

Merlin, Louis, Jonathan Levine, **Joe Grengs**. (2016). *Accessibility Analysis for Transportation Plans and Projects*. West Lafayette, IN: NEXTRANS, USDOT Region V Regional University Transportation Center, Purdue University.

**Grengs, Joe** (2015). *Advancing Social Equity Analysis in Transportation with the Concept of Accessibility* (PSC Research Report No. 15-848). Ann Arbor, MI: Population Studies Center, Institute of Social Research, University of Michigan.

**Grengs, Joe**, Jonathan Levine, and Qingyun Shen. (2012). *Evaluating Transportation Equity: An Intermetropolitan Comparison of Regional Accessibility and Urban Form* (FTA Report No. 0027). Washington, DC: U.S. Department of Transportation, Federal Transit Administration. Contract No. MI-26-8002-00.

Larsen, Larissa, **Joe Grengs**, Julia Billings, Emily Provonsha, Karen Spangler, Allison Sponseller. (2012). *An Integrated Assessment of Transportation to Healthy Food in Eastern Washtenaw County*. Ypsilanti, MI: Washtenaw County.

Levine, Jonathan, **Joe Grengs**, Qing Shen, and Qingyun Shen. (2011). *Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform*. Washington, DC: U.S. Department of Transportation, Federal Highway Administration and U.S. Environmental Protection Agency. FHWA Cooperative Agreement Number: DTFH61-07-H-00037 and EPA Agreement Number: RD-833334901-0.

**Grengs, Joe**. (2009). *Intercity Bus and Passenger Rail Study*. East Lansing, MI: Michigan Department of Transportation. Contract No. 2007-0315.

**Grengs, Joe**. (2009). *Nonwork Travel: A Social Equity Analysis of Accessibility in Detroit*. Washington, DC: U.S. Department of Transportation, Federal Transit Administration. Contract No. MI-26-8002-00.

- Grengs, Joe.** (2008). *Social Equity and the Spatial Distribution of Job Accessibility in Detroit*. Washington, DC: U.S. Department of Transportation, Federal Transit Administration. Contract No. MI-26-8002-00.
- Grengs, Joe.** (2007). *Evaluating Transportation Equity with Job Accessibility in Detroit*. Washington, DC: U.S. Department of Transportation, Federal Transit Administration. Contract No. MI-26-8002-00.
- Grengs, Joe,** and William W. Goldsmith. (2003). *The Mobility Gap: Transportation Planning, Accessibility, and Inner-City Poverty*. Washington, DC: U.S. Department of Transportation, Federal Highway Administration, Transportation Environmental Research Program.
- Vietorisz, Thomas, William W. Goldsmith, and **Joe Grengs.** (1998). *Air Quality, Urban Form, and Coordinated Policies*. Washington, DC: U.S. Environmental Protection Agency, Office of Air and Radiation.

## RESEARCH GRANTS AND CONTRACTS

- Graham Environmental Sustainability Institute, University of Michigan. "Who's missing? Addressing survey limitations for equitable and sustainable transportation infrastructure planning." 1/2024 – 8/2024 (\$10,000). PI: Atiyya Shaw; Co-PI: **Joe Grengs.**
- Center for Public Policy in Diverse Societies, Ford School of Public Policy, University of Michigan. "Toward a Measure of Transportation Insecurity: Understanding the Relationship between Transportation and Social Inequality." 8/1/2015 – 7/31/2016 (\$15,000). PI: Alexandra Murphy; Co-PI: **Joe Grengs.**
- U.S. Department of Transportation, Federal Highway Administration. "Implementation of Accessibility-Based Evaluation for Transportation and Land-Use Planning." 10/1/2014 – 12/31/2016 (\$78,430). PI: Jonathan Levine; Co-PI: **Joe Grengs.**
- U.S. Department of Transportation, Federal Highway Administration. "Standardized Metrics for Accessibility: Establishing a Federal Policy-Relevant Knowledge Base." 4/1/2013 – 12/31/2016 (\$94,147). PI: **Joe Grengs;** Co-PI: Jonathan Levine.
- U.S. Department of Transportation, Federal Highway Administration. "Accessibility-Based Evaluation of Transportation and Land-Use Planning: From Laboratory to Practice." 2/1/2012 – 12/31/2016 (\$150,000). PI: Jonathan Levine; Co-PIs: **Joe Grengs,** Susan Zeilinski, Geoff Thun.
- Graham Environmental Sustainability Institute, University of Michigan. "Advancing Transportation Access to Healthy Food for Low-Income People in Eastern Washtenaw County." 1/2012 – 5/2012 (\$20,000). PI: **Joe Grengs,** Larissa Larsen.
- Federal Transit Administration, Transportation Equity Research Program. "Evaluating Transportation Equity with the Concept of Accessibility: A Case Study of Detroit (Phase 2)" 1/2011 – 12/2011 (\$76,000). PI: **Joe Grengs.**
- Federal Highway Administration. "A National Comparison of Metropolitan Accessibility." 9/2007 – 8/2010 (\$119,000). PI: **Joe Grengs;** Co-PI: Jonathan Levine, Qing Shen.
- Federal Transit Administration, Transportation Equity Research Program. "Evaluating Transportation Equity with the Concept of Accessibility: A Case Study of Detroit." 1/2007 – 12/2010 (\$163,000). PI: **Joe Grengs.**
- Michigan Department of Transportation. "Intercity Bus and Intercity Passenger Rail User Survey." 9/2006 – 8/2008 (\$78,000). PI: **Joe Grengs.**
- University of Michigan Transportation Research Institute. "The Effects of Urban Form and Road Configuration on Automobile Driving." 9/2006 – 8/2009 (\$135,000). PI: **Joe Grengs;** Co-PI: Lidia Kostyniuk.
- U.S. Environmental Protection Agency. "Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform." 6/2007 – 5/2010 (\$300,000). PI: Jonathan Levine; Co-PI: **Joe Grengs,** Qing Shen.
- Graham Environmental Sustainability Institute, University of Michigan. "Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform." 5/2007 – 4/2009 (\$146,000). PI: Jonathan Levine; Co-PI: **Joe Grengs,** Qing Shen.
- Michigan Center for Advancing Safe Transportation throughout the Lifespan (M-CASTL). "Youth, Age, and Transportation Accessibility: An Intermetropolitan Comparison." 5/2008 – 6/2009 ( \$97,000). PI: Jonathan Levine; Co-PI: **Joe Grengs,** Lidia Kostyniuk.
- Faculty Research Grant, Rackham Graduate School, University of Michigan. "Changing Job Accessibility in Detroit in the 1990s." 1/2004 – 7/2007 (\$15,000). PI: **Joe Grengs.**

U.S. Department of Transportation, Eisenhower Transportation Graduate Fellowship. 2011. (\$5,000). PI: **Joe Grengs**.

U.S. Department of Transportation, Eisenhower Transportation Graduate Fellowship. 2006. (\$6,500). PI: **Joe Grengs**.

U.S. Department of Transportation, Eisenhower Transportation Graduate Fellowship. 2005. (\$11,500). PI: **Joe Grengs**.

Center of Economic Studies, U.S. Bureau of the Census and University of Michigan Census Data Research Center. "Does Public Transit Adapt to Job Decentralization? Evidence from Central City Neighborhoods in the 1990s." 7/2003 – 6/2004 (\$0, provides access to confidential data). PI: **Joe Grengs**.

National Poverty Center, Gerald R. Ford School of Public Policy, University of Michigan. "Public Transit, Job Decentralization, and the Isolation of Poverty Neighborhoods in Detroit and Flint in the 1990s." 7/2003 – 6/2004 (\$9,980). PI: **Joe Grengs**.

National Poverty Center, Gerald R. Ford School of Public Policy, University of Michigan, Analyzing Poverty and Welfare Trends Using Census 2000. 5/2003 (\$1,300). PI: **Joe Grengs**.

Federal Highway Administration, Transportation Environmental Research Program. "The Mobility Gap: Transportation Planning, Accessibility, and Inner-City Poverty." 8/2001 – 8/2002 (\$50,000). PI: William Goldsmith; Co-PI: **Joe Grengs**.

#### **AWARDS AND FELLOWSHIPS**

Faculty Excellence Award, Taubman College, University of Michigan (2021 – 2022 academic year)

North Campus Deans' MLK Spirit Award, University of Michigan, 2021

Faculty Excellence Award, Taubman College, University of Michigan (2018 – 2019 academic year)

Chester Rapkin Award for the Best Article in the *Journal of Planning Education and Research*, Association of Collegiate Schools of Planning, 2010 (first author, with co-authors Jonathan Levine, Qing Shen, Qingyun Shen)

Barclay Gibbs Jones Award for the Best Dissertation in Planning, Association of Collegiate Schools of Planning, 2003

Eno Transportation Foundation Fellow, 1999

US Department of Transportation, Eisenhower Transportation Graduate Fellowship. 6/2000 – 6/2002 (\$103,000).

US Department of Housing and Urban Development, Doctoral Dissertation Research Grant. 9/2000 – 6/2002 (\$15,000).

Lincoln Institute of Land Policy, Doctoral Dissertation Fellowship. 9/2000 – 6/2002 (\$5,000).

Sage Graduate Fellowship, Cornell University, 1997 – 1999

Howard Heinz Endowment Grant in Latin American Studies, 1998

American Traffic Safety Services Foundation, Graduate Fellowship, 1995 – 1997

MacArthur Foundation International Internship Grant, 1996

Chi Epsilon National Civil Engineering Honor Society

#### **CONFERENCE PRESENTATIONS (PEER-REVIEWED)**

- 2021 Grengs, Joe. What Would an Antiracist Transportation Planning Look Like? Presentation at the annual Student Michigan Association of Planning Conference, February 19, 2021.
- 2017 Levine, Jonathan, Matan Singer, Louis Merlin, and Joe Grengs. Apples to Apples: Comparing BRT and Light Rail while Avoiding the "BRT-Lite" Trap. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Denver, CO, October 15, 2017.
- 2017 Grengs, Joe, and Kate Lowe. Can Business Dollars Advance Social Equity? How Public and Private Objectives Collide in the M-1 Rail Streetcar Project in Detroit. Paper presented at the annual conference of the Urban Affairs Association, Minneapolis, MN, April 20, 2017.
- 2017 Vivoda, Jonathon M., Cathleen M. Connell, Steven G. Heeringa, Amy J. Schulz, and Joe Grengs. Everything in moderation: Interaction effects among gender, race, and driving reduction and cessation. Submitted for presentation at the 21<sup>st</sup> IAGG World Congress of Gerontology and Geriatrics, November.

- 2016 Vivoda, Jonathon M., Cathleen M. Connell, Steven G. Heeringa, Amy J. Schulz, and Joe Grengs. Examining the complex relationships among driving status, the environment, and depressive symptoms. Paper presented at the 69th Annual Scientific Meeting of the Gerontological Society of America. New Orleans, LA, November, 2016.
- 2016 Levine, Jonathan, Louis Merlin, Joe Grengs, and Matan Singer. Determinants of Metropolitan Transit Accessibility. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Portland, OR, November 5, 2016.
- 2016 Lowe, Kate, and Joe Grengs. Growing Private Dollars and Shrinking Equity? Detroit's Modern Streetcar. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Portland, OR, November 3, 2016.
- 2016 Gauger, Bri, Joe Grengs, Alexandra Murphy, and Alix Gould-Wirth. Can I Get a Ride? Exploring the Role of Social Networks in Transportation. Paper presented at the annual conference of the Urban Affairs Association, San Diego, CA, March 17, 2016.
- 2016 Levine, Jonathan, Louis Merlin, and Joe Grengs. Project-Level Accessibility Analysis for Land-Use Planning Decisions. Poster presented at the annual meeting of the Transportation Research Board, Washington, DC, January 12, 2016.
- 2015 Vivoda, Jonathon M., Cathleen Connell, Joe Grengs, Amy J. Schultz, Steven Heeringa. The Effect of the Environment on Driving Reduction and Cessation Using Congestion and GIS Data. Paper presented at the 68th Annual Scientific Meeting of the Gerontological Society of America. Orlando, FL, November 20, 2015.
- 2015 Grengs, Joe. Access and Social Justice in Transportation. Invited paper presented at a Symposium titled Advancing Equity Planning: Seeking a More Just City, Maxine Goodman Levin College of Urban Affairs, Cleveland State University, November 12, 2015.
- 2015 Levine, Jonathan, Louis Merlin, and Joe Grengs. Prospective Accessibility Evaluation at the Project Level. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Houston, TX, October 24, 2015.
- 2015 Grengs, Joe and Jonathan Levine. Evaluating Social Equity in Transportation with Accessibility Metrics. Paper presented at the annual international conference of the Network on European Communications and Transport Activities Research (NECTAR), Ann Arbor, MI, June 16, 2015.
- 2015 Levine, Jonathan, Louis Merlin, and Joe Grengs. Prospective Accessibility at the Project Level. Paper presented at the annual international conference of the Network on European Communications and Transport Activities Research (NECTAR), Ann Arbor, MI, June 14, 2015.
- 2015 Grengs, Joe. Transportation Equity Beyond Costs and Burdens: Evaluating Benefits with Accessibility Metrics. Paper presented at the annual conference of the Urban Affairs Association, Miami, FL, April 9, 2015.
- 2014 Grengs, Joe. The Social Effects of Public Transit Cuts in Automobile-Dependent Cities. Paper presented at the annual conference of Planners Network, Ciudad Juarez, Mexico, June 7, 2014.
- 2014 Grengs, Joe. Equity of What in Transportation? Accessibility Evaluation in Intermetropolitan Comparison. Paper presented at the annual conference of the Urban Affairs Association, San Antonio, TX, March 20, 2014.
- 2013 Grengs, Joe. We Can and Must Do More: Urban Planning Programs as Higher Education Leaders (with Charles Connerly, Marc Schlossberg, Carissa Schively Slotterback). Panel presentation at the Association of Collegiate Schools of Planning Administrator's Conference, Columbus, Ohio, November 16, 2013.
- 2013 Hirsch, Jana, Joe Grengs, Daniel Rodriguez, and Ana Diez Roux. Change in the Built Environment: A Descriptive Analysis of Six U.S. Cities. Poster presented at the annual meeting of the American Public Health Association, Boston, MA, November 2, 2013.
- 2013 Wang, Xiaoguang, Joe Grengs, and Lidia Kostyniuk. Beyond the Built Environment at Home: Does Compact Development Along Commuting Routes Reduce Driving and Conserve Fuel? Paper presented at the annual meeting of the Transportation Research Board, Washington, DC, January 14, 2013.
- 2012 Grengs, Joe, Jonathan Levine, Qingyun Shen. Youth, Age, and Urban Form: Intermetropolitan Comparisons of Accessibility Across the Lifespan. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 2012.

- 2011 Levine, Jonathan, Joe Grengs, Qingyun Shen, and Qing Shen. Accessibility in Metropolitan Comparison: Indicators for Policy Reform. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 2011.
- 2011 Wang, Xiaoguang, Joe Grengs, and Lidia Kostyniuk. Visualization of Activity Patterns and Its Implications in Built Environment and Travel Behavior Research. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 2011.
- 2011 Wang, Xiaoguang, Joe Grengs, and Lidia Kostyniuk. How the Built Environment along Commuting Routes Influences Fuel Consumption and Emissions. Paper presented at the annual meeting of the Association of American Geographers, Seattle, WA, April 2011.
- 2010 Grengs, Joe. Nonwork Travel and Accessibility: A Social Equity Analysis of Detroit. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Minneapolis, MN, October 2010.
- 2010 Wang, Xiaoguang, Joe Grengs, and Lidia Kostyniuk. How the Built Environment Along Commuting Routes Influences Fuel Consumption and Emissions. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Minneapolis, MN, October 2010.
- 2010 Levine, Jonathan, Joe Grengs, Qing Shen, and Qingyun Shen. Metropolitan Accessibility and Intermetropolitan Comparison: Indicators for Policy Reform. Paper presented at the World Conference on Transport Research, Lisbon, Portugal, July 2010.
- 2009 Grengs, Joe, Jonathan Levine, and Qing Shen. Intermetropolitan Comparison of Transportation Accessibility: Which Regions are Most Accessible? Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Crystal City, VA, October 2009.
- 2009 Wang, Xiaoguang, Joe Grengs, and Lidia Kostyniuk. How Urban Form Influences Driving: Insights from Global Positioning Systems. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Crystal City, VA, October 2009.
- 2009 Levine, Jonathan, Joe Grengs, and Qing Shen. Metropolitan Accessibility and Transportation Sustainability: Comparative Indicators for Policy Reform. Presented at the Fifth Urban Research Symposium, Cities and Climate Change: Responding to an Urgent Agenda, Marseille, France, June 28, 2009.
- 2009 Grengs, Joe. How Urban Form Influences Driving. Poster presented at the annual meeting of the American Planning Association, Minneapolis, MN, April 28, 2009.
- 2009 Grengs, Joe. Equity and the Social Distribution of Transportation Accessibility in Detroit. Paper presented at the annual conference of the Urban Affairs Association, Chicago, IL, March 6, 2009.
- 2008 Grengs, Joe. Using GPS Data to Reduce Travel. Poster presented at the annual meeting of the American Planning Association, Las Vegas, NV, April 27, 2008.
- 2007 Grengs, Joe and Xiaoguang Wang. Understanding Driving Behavior with GPS Data. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Milwaukee, WI, October 20, 2007.
- 2007 Grengs, Joe, Jonathan Levine, Randy Crane, Kevin Krizek, Qing Shen, Brian Taylor. Accessibility and Mobility in Transportation Planning. Roundtable presented at the the annual meeting of the Association of Collegiate Schools of Planning, Milwaukee, WI, October 19, 2007.
- 2007 Grengs, Joe. Is MPO Voting Bias a Problem? Evaluating Regional Transportation Equity in Detroit. Paper presented at the annual meeting of the Transportation Research Board, Washington, DC, January 23, 2007.
- 2006 Grengs, Joe. Cars Not Geography: Job Accessibility and Reconceptualizing Spatial Mismatch in Detroit. Paper presented at the the annual meeting of the Association of Collegiate Schools of Planning, Fort Worth, TX, November 11, 2006.
- 2006 Grengs, Joe. Race and Representation in Regional Transportation Decisions. Paper presented at the annual conference of Planners Network, Chicago, IL, June 10, 2006.
- 2005 Grengs, Joe. Do We Have an Alternative? Just Options for Neighborhood Revitalization. Paper presented at the annual conference of Planners Network, Minneapolis, MN, June 4, 2005.

- 2005 Grengs, Joe. Representation in Transportation: Challenging the Voting Structure of Metropolitan Planning Organizations. Paper presented at the annual conference of the Urban Affairs Association, Salt Lake City, UT, April 16, 2005.
- 2004 Grengs, Joe. Changing Urban Form and Patterns of Accessibility in the Detroit Region, 1990-2000. Paper presented at the International Conference on the History of Transport, Traffic, and Mobility, Detroit, MI, November 7, 2004.
- 2004 Grengs, Joe. What Consensus Look Like: An Analysis of MPO Votes and Funds in the Detroit Region, 1994-2003. Paper presented at the annual meeting of the Association of Collegiate Schools of Planning, Portland, OR, October 23, 2004.
- 2004 Grengs, Joe. Measuring Change in Small-Scale Transit Accessibility with Geographic Information Systems: The Cases of Buffalo and Rochester. Paper presented at the annual meeting of the Transportation Research Board, Washington, DC, January 12, 2004.
- 2004 Grengs, Joe. Public Transit and the Isolation of Poverty Neighborhoods in Detroit and Flint in the 1990s. Paper presented at the annual conference of the Urban Affairs Association. Washington, DC, April 2, 2004.
- 2003 Grengs, Joe. Planning for the Mobility Gap. Paper presented at the annual regional conference of the American Association of Geographers. Kalamazoo, Michigan, October 17, 2003.
- 2003 Grengs, Joe. Is Transit Turning Inside Out? Transportation Policy and Inner-City Accessibility in the ISTEA Years. Paper presented at the annual conference of the Urban Affairs Association. Cleveland, Ohio, March 26, 2003.
- 2002 Grengs, Joe. Estimating Changing Job Patterns at Small Geographic Scales with GIS. Paper presented at the annual conference of the Association of Collegiate Schools of Planning. Baltimore, Maryland, November 21, 2002.
- 2001 Grengs, Joe. Did Poverty Neighborhoods Lose Access to Jobs Under ISTEA? In Need of a New Technique. Paper presented at the annual conference of the Association of Collegiate Schools of Planning. Cleveland, Ohio, November 11, 2001.
- 2001 Grengs, Joe. Ensuring Equal Access to Opportunities with Public Transit: Are We Succeeding? Paper presented at the Planners Network annual conference. Rochester, New York, June 22, 2001.
- 2001 Grengs, Joe. Does Public Transit Counteract the Segregation of Carless Households? Measuring Spatial Patterns of Accessibility with GIS. Paper presented at the annual meeting of the Transportation Research Board, Washington, DC, January 11, 2001.
- 2000 Grengs, Joe. Measuring Spatial Patterns of Inner-City Inaccessibility: Supermarkets and the Transit-Dependent in Syracuse. Paper presented at the annual conference of the Association of Collegiate Schools of Planning. Atlanta, Georgia, November 2, 2000.
- 2000 Grengs, Joe and Kenneth M. Reardon. Walkin' the Walk: Techniques for Community Empowerment in East St. Louis and Rochester. Paper presented at the Planners Network annual conference. Toronto, Ontario, Canada, June 24, 2000.
- 1999 Grengs, Joe. Politics and Planning: The Emergence of Community-Based Resistance to Transit Injustice in Los Angeles. Paper presented at the annual conference of the Association of Collegiate Schools of Planning. Chicago, Illinois, October 24, 1999.
- 1999 Grengs, Joe. Inner-City Inaccessibility: Supermarkets and the Transit-Dependent in Syracuse. Paper presented at the 1999 New York State GIS Conference. Albany, New York, October 5, 1999.
- 1998 Grengs, Joe. Improving Urban Service Delivery: The Case of Bicycles in León, Nicaragua. Paper presented at the annual Conference on Latin American Social and Public Policy, University of Pittsburgh. Pittsburgh, Pennsylvania, February 12, 1998.

#### **INVITED LECTURES AND PUBLIC APPEARANCES**

- 2021 Access. Invited lecturer for Public Design Corps, Taubman College, University of Michigan, August 11, 2021.
- 2021 Critical Conversations: The Urban. Invited speaker for the Department of English Language & Literature, University of Michigan, January 28, 2021.
- 2020 Transportation Policies for Carbon Neutrality. Invited speaker for City of Ann Arbor's Carbon Neutrality Mobility Forum, Ann Arbor, MI, February 13, 2020.



- 2019 Insuring Transportation Equity through Accessibility-Oriented Planning. Invited speaker for Graduate Program in Urban Planning and Community Development and MIT's SPURS/Humphrey Program, University of Massachusetts – Boston, October 11, 2019.
- 2019 Making the Mobility-to-Accessibility Shift. Invited speaker for Policy Summit 2019, Federal Reserve Banks of Cleveland, Philadelphia, St. Louis, Chicago, and Minneapolis. Cincinnati, OH, June 21, 2019.
- 2019 Panelist, Enrollment Trends and Strategies, ACSP Administrators Conference, Minneapolis, MN, March 15, 2019
- 2018 Repairing Transportation Planning's Fundamental Error by Making the Mobility-to-Accessibility Shift. City and Regional Planning Lecture Series, Cornell University, Ithaca, NY, October 11, 2018
- 2018 Getting to Work and School: Barriers to Meeting Basic Mobility Needs. The Road Out of Poverty: A Transportation and Economic Mobility Symposium. Poverty Solutions, University of Michigan, March 15, 2018.
- 2018 Urban Systems. Invited speaker, Michigan University-wide Sustainability and Environment Conference, University of Michigan, February 15, 2018.
- 2017 After the Transit Referendum: Seeking a New Paradigm for Detroit Regional Transportation. Moderator and Organizer, Taubman College Lecture and Panel Discussion (with Robert Fishman, Jonathan Levine, Pascal Van Hentenryck), University of Michigan, February 13, 2017.
- 2016 The Case for Regional Transit: What if Transit Works? Moderator and Organizer, Taubman College Lecture and Panel Discussion (with Catherine Ross, Alexis Blizman, Michael Ford, Megan Owens), University of Michigan, October 4, 2016.
- 2016 Developing New Measures to Improve Accessibility in Transportation (with Bri Gauger and Alexandra Murphy). LunchUP speaker series, Urban and Regional Planning, University of Michigan, February 17, 2016.
- 2015 Getting There: Policy and Planning for Social Equity in Transportation. Population Studies Center Speaker Series, Institute for Social Research, University of Michigan, October 12, 2015.
- 2014 Can Urban Planning Build Agency in Marginalized Communities? Panel Discussant and Moderator, Martin Luther King Symposium, Taubman College, University of Michigan, January 15, 2014.
- 2013 The Changing Face of Planning. Panel Discussant and Moderator, Planning in a 'Post-Racial' Society?: New Directions and Challenges, Symposium, University of Michigan, November 1, 2013.
- 2013 Metro Detroit 2040: More Highways or More Transit? Lead Speaker, Town Hall Meeting, sponsored by MOSES, Plymouth United Church of Christ, 600 E. Warren, Detroit, MI, May 9, 2013.
- 2013 Getting There: The Leap from Mobility to Accessibility in Transportation Planning Practice. Invited speaker for the annual Howard Stafford Lecture in Economic Geography, University of Cincinnati, April 4, 2013.
- 2012 What Makes Social Justice Urgent? Panel Discussant and Moderator, Sustainability and Social Justice Symposium, University of Michigan, October 19, 2012.
- 2012 Land Use and Access to Opportunity. Invited speaker, annual meeting of the Chi Epsilon Civil Engineering Honor Society, University of Michigan, September 24, 2012.
- 2012 Land Use and Access. Invited speaker and panel discussion participant, Ann Arbor Sustainability Discussion Series, City of Ann Arbor, February 9, 2012.
- 2011 Social Justice and Transportation in Detroit. Invited speaker, University of Michigan Health Equity Scholars Program, October 10, 2011.
- 2010 Space and Change in the Measurement of Poverty Concentration: Detroit in the 1990s. Invited speaker, Spatial Analysis in the Social Sciences, Institute for Social Research, University of Michigan, April 30, 2010.
- 2010 From Mobility to Accessibility: A New Policy for Advancing Social Equity. Invited keynote speaker, Transportation Research and Education Conference, Michigan Center for Advancing Safe Transportation throughout the Lifespan, University of Michigan Transportation Research Institute, April 7, 2010.
- 2010 Creating a Vibrant Future for Michigan's Cities: Why Urban Revitalization Matters. Invited speaker (with Margaret Dewar and June Manning Thomas), Wolverine Caucus Forum, Lansing, Michigan, February 12, 2010.

- 2010 Challenges in Sustainable Transportation. Invited speaker, Better Living Using Engineering Laboratory, University of Michigan, February 11, 2010.
- 2009 Social Justice and Transportation. Invited speaker for SMART Summit, Sustainable Mobility and Accessibility Research and Transformation, University of Michigan, November 9, 2009.
- 2009 Moving Toward Equity in Transportation. Invited keynote speaker for annual banquet of JONAH, a Gamaliel Foundation nonprofit organization working for civil rights, based in Battle Creek. Battle Creek, Michigan, May 9, 2009.
- 2009 How the Built Environment Influences Driving: Insights from Global Positioning Systems. Invited speaker at the University of Michigan Sustainability Fair, University of Michigan, February 12, 2009.
- 2009 Redistribution of Wealth Through Urban Planning? Invited respondent to panel of three speakers, Martin Luther King, Jr. Symposium, University of Michigan, January 22, 2009.
- 2007 Reassessing the Regional Conditions of the 1967 Riots. Invited testimony from the Johnson Administration's Kerner Commission in Detroit. November 17, 2007.
- 2007 Mass Transit in the Detroit Region. Invited member of a panel discussion of local transportation leaders, University of Michigan, April 4, 2007.
- 2006 What Does Transportation Have To Do With Social Equity? Invited speaker, College of Architecture and Urban Planning, Centennial Celebration Conference, University of Michigan, November, 3, 2006.
- 2006 Poverty, Aging, and Accessibility in the Detroit Region. Invited speaker, Michigan Department of Transportation Leadership Conference, Ann Arbor, March 31, 2006.
- 2006 Planning for the Transportation Disadvantaged. Invited speaker, Women in Science and Engineering Program, University of Michigan, Ann Arbor, February 21, 2006.
- 2006 Debunking Three Myths of Rail Rapid Transit in Detroit. Invited keynote speaker, annual meeting of the Transportation Riders United, Detroit, Michigan, January 24, 2006.
- 2005 Guest, *Jack Lessenberry Show*, Michigan Public Radio, WUOM, including Bob Prud'homme, President of Transportation Riders United; Carmine Palombo, Transportation Director for SEMCOG; Michigan Senator Alan Cropsey; and Joe Grengs, University of Michigan, September 21, 2005.
- 2005 The Jobs-Housing Mismatch: Research, Action, and Policy Change. Invited panel discussant, annual conference of the Urban Affairs Association, Salt Lake City, Utah, April 16, 2005.
- 2004 Social Equity and Transportation Accessibility: A Response to Susan Handy Lecture. From Mobility to Accessibility: A Symposium and Workshop on Sustainable Transportation, University of Michigan, Ann Arbor, MI, December 3, 2004.
- 2004 Transit on Woodward: Strengthening the Economic and Social Backbone of the Region. Presentation at the "Transit on the Woodward Corridor: Our Economic Engine" conference, Wayne State University, Detroit, MI, September 20, 2004.
- 2004 Television appearance: *Michigan at Risk*, weekly public affairs program, WKAR-TV in East Lansing, live studio panel discussion about Michigan public transit hosted by Michigan Public Broadcasting's senior capitol correspondent Tim Skubick, June 1, 2004.
- 2004 Equal Access? Using the Concept of Accessibility to Evaluate Regional Equity in Detroit. Urban Planning Department, Eastern Michigan University, Ypsilanti MI, February, 2004.
- 2003 Technology and the Digital City (Introductory comments), Crossing Disciplinary Boundaries in the Urban and Regional Context, Rackham Distinguished Faculty and Student Symposium, Ann Arbor, Michigan, March, 2003.
- 2003 Testimony before the U.S. Department of Transportation on behalf of Metropolitan Organizing Enabling Strength, Inc., regarding recertification of Metropolitan Planning Organizations, June, 2003.
- 2002 Using GIS for Environmental Justice in Public Transit Planning. Planning Department of Tompkins County, New York, June, 2002.
- 2001 Urban Planning in Nicaragua: Conflicts Between the Formal and Informal. College of Architecture, Art, and Planning Student Forum, Cornell University, January, 2001.
- 2000 Urban Spatial Analysis with GIS. Planning Department of the City of Ithaca, New York, May, 2000.

- 2000 Transportation and World Development. Civil Engineering Lecture Series, Cornell University, April, 2000.
- 1999 Food Access in Inner-City Syracuse: A Spatial Analysis of Race and Income. Urban Initiative in Environmental Science Lecture Series, Syracuse University, April, 1999.
- 1998 The Political Economy of Urban Transportation Planning in Nicaragua. Paper presented at the symposium of The MacArthur Consortium on Peace and International Cooperation: The Challenge of Urban Sustainability, University of Minnesota, May, 1998.
- 1997 Urban Planning in Nicaragua. Presentation to MacArthur Foundation Fellows, University of Minnesota, February, 1997.

**CONFERENCE DISCUSSANT AND PANEL ORGANIZER**

- 2020 Moderator, Panel Discussion, Looking the Other Way: Exclusion Within Pedagogy and Practice, Taubman College Martin Luther King, Jr. Symposium, January 16.
- 2019 Host and Discussant, ACSP Student Award Research Presentations, Association of Collegiate Schools of Planning, Buffalo, NY, October 26, 2018.
- 2019 Discussant, Mobility Justice Perspectives, Association of Collegiate Schools of Planning, Buffalo, NY, October 25, 2018.
- 2018 Moderator, Urban Cool: Addressing Heat, Health and Habitat in the Anthropocene, University of Michigan, February 13, 2018.
- 2017 Moderator, Understanding the Values Behind Infrastructure Investments, annual conference of the Urban Affairs Association, Minneapolis, MN, April 20, 2017.
- 2015 Moderator, Scrutinizing Infrastructure, annual conference of the Urban Affairs Association, Miami, FL, April 9, 2015.
- 2014 Moderator, Measuring Social Justice in Public Transportation, annual conference of the Urban Affairs Association, San Antonio, TX, March 20, 2014.
- 2012 Moderator and Discussant, Transportation and Economic Development. Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 3, 2012.
- 2011 Moderator and Event Organizer, Energy Innovations in Transportation and Logistics, with the German-American Chamber of Commerce, University of Michigan, November 14, 2011.
- 2011 Moderator and Panel Organizer, Social Justice and Transportation Workshop, Transforming Transportation: Economies and Communities, Transportation Research Corridor Consortium (Michigan State University, Wayne State University, and University of Michigan), Detroit, MI, April 8, 2011.
- 2010 Discussant, Measurement Issues in Transportation. Association of Collegiate Schools of Planning, Minneapolis, MN, October 11, 2010.
- 2010 Discussant and Moderator, Future of Technology Conference, University of Michigan, September 24, 2010.
- 2009 Discussant, Transportation Choices for Specific Populations: Planning for Elderly, Low-Income Drivers and Immigrants. Association of Collegiate Schools of Planning, Crystal City, Virginia, October 3, 2009.
- 2009 Moderator, Transportation Planning, Access, and Mobility, Annual Conference of the Urban Affairs Association, Chicago, IL, March 6, 2009.
- 2008 Moderator and Panel Organizer, University of Michigan Urban and Regional Research Collaborative Seminar, Using GPS Data to Visualize Travel Patterns, University of Michigan, Ann Arbor, March, 2008.
- 2006 Moderator and Panel Organizer, Sustainable Change in Detroit, Planners Network Annual Conference, Chicago, IL, June 10, 2006.
- 2005 Moderator and Panel Organizer, Do We Have an Alternative? Just Options for Neighborhood Revitalization, Planners Network Annual Conference, Minneapolis, MN, June 4, 2005.
- 2005 Moderator, Transportation Issues, annual conference of the Urban Affairs Association, Salt Lake City, Utah, April 16, 2005.

- 2005 Moderator, Life Beyond Graduate School, annual conference of the Urban Affairs Association, Salt Lake City, Utah, April 17, 2005.
- 2005 Moderator and Panel Organizer, Faculty Perspectives on Equity Planning, Equity Planning Symposium, University of Michigan, Ann Arbor, MI, April 2005.
- 2004 Moderator, Public Transit vs. the Automobile: Perspectives on an Urban Dilemma, annual conference of the Urban Affairs Association, Washington, DC, April 2, 2004.
- 2003 Discussant and Moderator, Technology Session, Crossing Disciplinary Boundaries in the Urban and Regional Context, Rackham Distinguished Faculty and Student Symposium, Ann Arbor, Michigan, March, 2003.
- 2002 Discussant and Moderator, Travel Behavior from Anthropology to Zoology, Association of Collegiate Schools of Planning, Baltimore, Maryland, November 21, 2002.
- 2001 Panel Organizer, Rebuilding America's Urban Infrastructure: A Key to Neighborhood Stabilization/Revitalization, Planners Network annual conference, Rochester, New York, June 22, 2001.
- 2000 Panel Co-organizer (with Kenneth Reardon), Community Empowerment through Planning, Planners Network annual conference, Toronto, Ontario, June 24, 2000.
- 1999 Discussant, The Transportation/Jobs Link, Planners Network annual conference, Lowell, Massachusetts, June, 1999.

#### **SERVICE TO THE UNIVERSITY OF MICHIGAN**

- Faculty Allies for Diversity in Graduate Education, Rackham Graduate School, 2018 - 2022
- Population Studies Center, Institute for Social Research, Research Affiliate, 2015 – present
- Poverty Solutions, Faculty Expert Affiliate, 2017 – present
- Graham Environmental Sustainability Institute, Faculty Affiliate, 2009 – present
- University of Michigan Energy Institute, Faculty Affiliate, 2009 – 2020
- Rackham Spatial Analysis Certificate Committee, member, 2003 – 2019
- Center for Advancing Transportation Leadership and Safety (ATLAS Center), University of Michigan Transportation Research Institute, Research Subcommittee, 2014 – 2018
- Detroit Connector Advisory Committee, member, 2014 – 2018
- School for Environment and Sustainability Select Committee, 2017 - 2018
- Campus 2 Campus Bikeway Alliance, Faculty Adviser, 2014 – 2016
- Center for Statistical Consultation and Research, Executive Committee, 9/2011 – 8/2016
- Sustainable Mobility and Accessibility Research and Transformation (SMART) Steering Committee, University of Michigan, 2010 – 2016
- Dow Sustainability Fellows Program, Graham Environmental Sustainability Institute, Masters and Professional Degree Advisory Council, 2012 – 2013
- Sustainable Mobility and Accessibility Research and Transformation (SMART), Search Committee, Research Coordinator, 2012 – 2013
- Rackham First Generation Support Network (support services to first-generation college students), Academic Adviser, 2010 – 2016
- Knight-Wallace Fellows Program, Faculty Adviser, 2010-2011, 2016-2017
- Doctoral Training Program in Public Health and Aging, co-mentor for doctoral student, Center for Social Epidemiology and Population Health, 2010 – 2014
- Fulbright Campus Interview Committee, International Institute, 2005, 2006, 2007, 2008, 2009, 2010, 2011
- Robert Wood Johnson Foundation Health and Society Scholars Program, Campus Interview Committee, 2010

Spatial Analysis Certificate Committee, Rackham Graduate School, 2003 – present

National Poverty Center, Research Affiliate, 2003 – 2010

Latin American and Caribbean Studies Program, Faculty Affiliate, 2003 – 2010

University of Michigan Graduate Certificate in Spatial Analysis, Interim Director, 2005 – 2006

Numeric and Spatial Data Services Advisory Committee, University Library, 2003 – present

University of Michigan Transportation Research Institute, Job Candidate Search Committee, 2007-2008

Symposium Planning Committee, From Mobility to Accessibility: A Symposium on Sustainable Transportation, 2003– 2004

Academic Officers Committee of the President’s Council, State Universities of Michigan, Proposal Reviews, 1/2005; 2/2005; 5/2005; 3/2007; 4/2009

University of Michigan Roads Scholar Program Participant, 2003

#### **SERVICE TO THE COLLEGE OF ARCHITECTURE AND URBAN PLANNING**

Promotion and Tenure Review Committee, Chair, College of Architecture and Urban Planning, 2023 – 2024

Executive Committee, College of Architecture and Urban Planning, Ex-Officio Member, 2017 – 2021

Leadership Committee, College of Architecture and Urban Planning, 2017 – 2021

Dean Search Advisory Committee, University of Michigan and College of Architecture and Urban Planning, 2016 – 2017

Dual-Career Hire Committee, College of Architecture and Urban Planning, 2017

Interim Review Subcommittee, Promotion and Tenure Committee, College of Architecture and Urban Planning, 2016 – 2017

Executive Committee, College of Architecture and Urban Planning, Elected Member, 2014 – 2016

Technology Committee, College of Architecture and Urban Planning, 2008 – 2017

Coordinator, Spatial Analysis Lab, College of Architecture and Urban Planning, 2010 – 2015

Spatial Analysis Lab Committee, College of Architecture and Urban Planning, 2015 – present

Promotion and Tenure Committee, College of Architecture and Urban Planning, 2013 – 2014

Search Committee, Professor of Practice, Five Positions, College of Architecture and Urban Planning, 2011

Search Committee, Two Positions in Environmental Technology, College of Architecture and Urban Planning, 2009 – 2010

Co-coordinator, Spatial Analysis Lab, College of Architecture and Urban Planning, 2004 – 2010

Spatial Analysis Lab, ad hoc committee that oversees funding from the Office of Vice President for Research, College of Architecture and Urban Planning, 2005 – 2010

Student Recruitment Committee, College of Architecture and Urban Planning, 2008 – 2010

Research Policy Committee, College of Architecture and Urban Planning, 2004 – 2007

ITCS Campus Computing Sites Improvement Committee, for Art and Architecture Building labs, College of Architecture and Urban Planning, 2003 – 2004

#### **SERVICE TO THE URBAN AND REGIONAL PLANNING PROGRAM**

Diversity, Equity, and Inclusion Committee, Urban and Regional Planning, Committee Chair, 2023 – 2024

Curriculum Committee, Urban and Regional Planning, Committee Chair, 2017 – 2021

Diversity, Equity, and Inclusion Committee, Urban and Regional Planning, Committee Chair, 2018 – 2021

MURP Admissions Committee, Urban and Regional Planning, Committee Chair, 2017 – 2021

Student Experience Committee, Urban and Regional Planning, Committee Chair, 2017 – 2019

Learning Outcomes Task Force, Committee Chair, 2019 – 2021

Undergraduate Curriculum Task Force, Committee Chair, 2019 – 2020

Doctoral Admissions and Program Review Committee, Chair, 2014 – 2017

Diversity Committee, 2013 – 2018

Strategic Planning Steering Committee, 2013 – 2015

Search Committee, Chair, Tenure-Track or Tenured Faculty Position, 2012 – 2013

Coordinator, Transportation Concentration, Urban and Regional Planning, 2007 – 2018

Mentoring Committee, Harley Etienne, 2012 – 2017

Mentoring Committee, Robert Goodspeed, 2013 – 2017

Search Committee, Sustainability and Behavior Cluster Hire, Fall Semester, 2011

Doctoral Program Committee, member, 2006 – 2008; 2009 – 2010; 2012 – 2014

Faculty Adviser, Michigan Association of Planning Student Conference Coordinating Committee, 2010 – 2011, 2013 – 2014

New Student Orientation Committee, Urban and Regional Planning, 2008 – 2010

Ethics and Social Responsibility Committee, Urban and Regional Planning, 2008 – 2009

Diversity and Sustainability Committee, Urban and Regional Planning, 2008 – 2009

Co-coordinator, Transportation Concentration, Urban and Regional Planning, 2002 – 2007

Doctoral Student Theory Examination Committee, Urban and Regional Planning, 2006, 2007, 2009

Research Advocacy Committee, Urban and Regional Planning, 2004 – 2008

Curriculum Committee, Urban and Regional Planning, 2003 – 2004; 2010 – 2017

Strategic Planning Committee, Urban and Regional Planning, 2003 – 2005

Academic Environment Committee, Urban and Regional Planning, 2002 – 2003

Faculty Adviser, Planners Network, University of Michigan chapter, 2003 – 2008; 2011 – 2020

Faculty Adviser, Urban Planning Martin Luther King Symposium Committee, 2003 – 2006; 2010 – 2011; 2019 - 2020

Faculty Adviser, Martin Luther King Committee (Michigan Student Assembly organization), 2004 – 2006, 2017 - 2020

Faculty Adviser, Equity Planning Lecture Series, Urban and Regional Planning, 2005

Manuscript Review Committee, Crossing Disciplinary Boundaries in the Urban and Regional Context, Rackham Faculty and Student Symposium, 2002 –2003

#### **ACADEMIC AND PROFESSIONAL SERVICE ACTIVITIES**

Finance and Investment Committee, Member, Association of Collegiate Schools of Planning, 2019 – 2023

Guest Editor, *Transportation Research Part D: Transport and Environment*, Special Issue on Transportation and Environmental Racism, 2021 – 2023

Task Force on STEM Designation for Planning, Member, Association of Collegiate Schools of Planning, 2019 – 2021

U.S. Department of Transportation, Federal Advisory Committee on Transportation Equity, 2016 – 2019

Executive Committee, Governing Board, Association of Collegiate Schools of Planning, 2016 – 2019

Treasurer, Association of Collegiate Schools of Planning, 2016 – 2019

Finance and Investment Committee, Chair, Association of Collegiate Schools of Planning, 2016 – 2019

Task Force on Planning Enrollment, Member, Association of Collegiate Schools of Planning, 2018 – 2020

Chair, Task Force on International Conferences, Association of Collegiate Schools of Planning, 2017 – 2018

Chair, Task Force on Conference Fees, Association of Collegiate Schools of Planning, 2016 – 2017

Steering Committee, Planners Network, 2011 – 2016

Treasurer, Planners Network, 2012 – 2016

Michigan Association of Planning (Michigan Chapter of American Planning Association), Language of Social Equity Task Force, 2014 – 2016

Learning Community on Poverty and Inequality, School of Social Work, University of Michigan (Invited Member), 2013 – 2016

Editorial Advisory Board, *Journal of the American Planning Association*, 2006 – 2013

American Institute of Certified Planners, Certified Transportation Planner Examination Writers Task Force, 2009 – 2011

Reviewer for book manuscripts from the following presses:

McGraw-Hill; Elsevier; Temple University Press; Rowman and Littlefield Publishers; McGraw-Hill Higher Education; Cherry Lake Publishing

Reviewer for journals:

Applied Geography; CITY: Analysis of Urban Change, Theory, Action; Computers, Environment and Urban Systems; Economic Development Quarterly; Environment and Planning A: Economy and Space; Environment and Planning B: Policy and Planning; Environmental Management; Housing Policy Debate; International Journal of Sustainable Transportation; International Journal of Urban and Regional Research; Journal of Applied Geography; Journal of Planning Education and Research; Journal of the American Planning Association; Journal of Transport and Land Use; Journal of Transport Geography; Journal of Urbanism; Journal of Urban Affairs; Journal of Urban Planning and Development; Journal of Urban Technology; Planning Theory and Practice; Transport Policy; Transportation Research Part A: Policy and Practice; Transportation Research Part D: Transport and Environment; Transportation Research Part F: Traffic Psychology and Behavior; Transportation Research Record; Journal of the Transportation Research Board; Urban Affairs Review; Urban Geography; Urban Science; Urban Studies

Reviewer for other peer-reviewed publications:

Access to Destinations Conference Proceedings; Brookings Institution Metropolitan Policy Program; Transportation Research Board Conference Proceedings

Reviewer for grant agencies:

Connecticut Cooperative Highway Research Program; State Universities of Michigan, Academic Officers Committee of the President's Council (multiple instances); University of California-Berkeley, Partners for Advanced Transit and Highways (multiple instances); University of Michigan Office of the Vice President for Research, Faculty Grant Program; University of Michigan Transportation Research Institute, Doctoral Studies Program; University of Rhode Island Transportation Center; UCLA Institute of Transportation Studies.

Conference Planning Committee, Planners Network 2001 National Conference, Voices of Change: Lessons from Citizen Planners, Rochester, New York, 2000 – 2001

Chair, Professional and International Relations Committee, Planners Network, 2000 – 2001

American Institute of Certified Planners, New York State chapter, Professional Development Committee, 2001 – 2002

PhD Representative, Organization of Cornell Planners, 1999 – 2001

## **COMMUNITY SERVICE ACTIVITIES (SELECTED)**

City of Ann Arbor, Technical Advisory Committee, Carbon Neutrality Plan, 2019 – 2021

Moderator and Panel Organizer, Social Justice and Transportation Workshop, Transforming Transportation: Economies and Communities, Transportation Research Corridor Consortium (Michigan State University, Wayne State University, and University of Michigan), Detroit, MI, April, 2011

Drafted bill language for the Transportation Equity Research Program (Section 3046(a)(3) of SAFETEA-LU, 49 U.S.C. 5338; 119 Stat. 1707)

Wrote amicus brief in support of plaintiffs, *Darensburg v. Metropolitan Transportation Commission*, Case No. 09-15878, United States Court of Appeals, Ninth Circuit, 2009 – 2010

Public commentary on urban issues through interviews and panel discussions: WJR Radio (4/7/2010); WILX-TV (2/12/2010); Great Lakes Echo (6/17/2009); WUOM Radio, Jack Lessenberry Show (1/4/2005); WKAR-TV, Michigan at Risk program (6/1/2004); *Detroit Free Press* (various interviews); *Detroit News* (various interviews); *Michigan Messenger* (various interviews); *Ann Arbor News* (various interviews)

Provided testimony for the Eisenhower Foundation for an update on the Kerner Commission report on the 1967 riots, 2007  
City of Ann Arbor, Technical Advisory Committee, Northeast Area Transportation Plan, 2003 – 2006

Transportation Task Force, Metropolitan Organizing Strategies Enabling Strength (MOSES), 2003 – 2005

Expert witness, MOSES v. SEMCOG, Third Circuit Court of the State of Michigan, expert for the plaintiffs, 2003-2005

Consultant to documentary film makers, *Ticket to Ride*, film documentary about public transit in Michigan, co-produced by WKAR-TV (East Lansing) and WFUM-TV (Flint), 2005

Research assistance and recommendations to Detroit City Council, 2005

Michigan Legal Services, drafted charter amendment for City of Detroit to support creation of a regional transit authority, 2004

Provided testimony before the U.S. Department of Transportation for certification of the Metropolitan Planning Organization, 2003

## PROFESSIONAL EXPERIENCE

Jul 1991 – Jan 1997	Minnesota Department of Transportation (St. Paul, MN) Transportation Planner and Project Manager
Jun 1996 – Aug 1996	City of León, Nicaragua - Division of Urban Planning Transportation Planner
Aug 1990 – Jul 1991	LHB Engineers and Architects, Inc. (Minneapolis, MN) Project Manager
Oct 1989 – April 1990	National University of Engineering (Managua, Nicaragua) Visiting Instructor, Engineering
Jun 1985 – Sep 1989	Mattson/Macdonald Engineers, Inc. (Minneapolis, MN) Project Engineer

## PROFESSIONAL AFFILIATIONS

Certified Planner, American Institute of Certified Planners (AICP)

Professional Engineer, License No. 19964 (State of Minnesota)

Planners Network

American Planning Association

Michigan Association of Planning

Urban Affairs Association