

## JOSEPH L. SCHOER

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### EDUCATION

Northwestern University, PhD in Civil Engineering (Transportation)  
Northwestern University, MS in Civil Engineering (Transportation)  
Yale University, BE in Civil Engineering (Summa Cum Laude)

### ACADEMIC EXPERIENCE

NORTHWESTERN UNIVERSITY, Robert R. McCormick School of Engineering and Applied Science

Associate Dean, Robert R. McCormick School of Engineering and Applied Science, April 2005 - present  
Director, Infrastructure Technology Institute November 2007 – 2013.  
Interim Chairman, Department of Civil and Environmental Engineering, September 2008 – July, 2009.  
Interim Dean, Robert R. McCormick School of Engineering and Applied Science, July, 2004 – March 2005  
Associate Dean for Faculty Affairs, Robert R. McCormick School of Engineering and Applied Science. Fall, 2002 – March, 2005  
Chairman, Department of Civil and Environmental Engineering, Fall 1997 - Fall 2002  
Director of Research, The Transportation Center, 1979-1997; 2001-2003  
Professor, Department of Civil and Environmental Engineering, September 1973-present;  
Associate Professor, July 1970-September 1973.  
Master, College of Community Studies, September 1974-August 1977.

UNIVERSITY OF ILLINOIS AT CHICAGO

JOSEPH L. SCHOER

Assistant Professor, Department of Systems Engineering and Faculty Associate,  
Center for Urban Studies, September 1967-June 1970.

#### YALE UNIVERSITY

Assistant Instructor and Carnegie Teaching Fellow, Department of Engineering  
and Applied Science, 1963-1964.

#### RESEARCH AREAS

Transportation infrastructure planning, management, marketing and policy analysis;  
use of data and information in transportation decision making; infrastructure  
evaluation and management; transportation funding and finance; freight  
performance measurement; transportation evaluation and decision making.

#### RECENT FUNDED RESEARCH (PI or co-PI)

Mobility 2050: A vision for Transportation Infrastructure, prepared for the Association  
of Equipment Manufacturers  
Strategic Plan and Research Agenda for the National Cooperative Rail Research  
Program  
USDOT National University Transportation Center grant to support the Infrastructure  
technology Institute  
Communicating The Value of Research, National Cooperative Highway Research  
Program Project 20-78 (subcontract through NUStats, LLC)

#### CONSULTING

Various consulting roles with government and industry

#### PROFESSIONAL AND PUBLIC SERVICE

Member, Advisory Committee of Transportation Statistics, U.S. Department of  
Transportation, Bureau of Transportation Statistics.  
Member, Mayor's Pedestrian Advisory Council (Chicago)  
Member, Transportation Committee, Chicago Metropolitan Agency for Planning  
Pace (Suburban Bus Agency, Chicago area) Citizens Advisory Board (1988-);  
Chairman (2006 - 8)  
Member, Board of Advisors, Institute for Transportation Studies, Univ. of California,  
Davis (<http://www.its.ucdavis.edu/>) University of California, Institute of Transportation  
Studies  
Member, Advisory Committee, University of California, Irvine, Multicampus Research  
Program and Initiative (MRPI) on Sustainable Transportation: Technology, Mobility  
and Infrastructure

Transportation Research Board, National Research Council (National Academy of Sciences/National Academy of Engineering):

- Chairman, Section on Data and Information Systems, 2012-2015
- Chair, SHRP2 Expert Technical Group on economic impacts of transportation investments (project C33).
- Chair, Task Force on Developing Freight Fluidity.
- Chair, Special Task force on Data for Decisions and Performance Measurement.
- Member, project [panel for TCRP Project H-50, Creating a Local Economic Development Measurement Tool, 2014-2016,
- Member, National Transportation Data Requirements and Programs Committee, ABJ-10.
- Member, Task force on Applications of National Household Travel Survey Data
- Chairman, Committee on Long-Term Stewardship for the Strategic Highway Research Program 2 (SHRP2) naturalistic driving study, 2012-2014.
- Chairman, Policy Study on Equity Implications of Alternative Transportation Finance Mechanism, 2008 -2011.
- Chairman, Policy Study on Strategies for Improved Passenger and Freight Travel Data, 2009-2011.
- Chairman, Planning committee for November 2009 conference Research Agenda for Transportation Infrastructure Preservation and Renewal
- Member, Technical Coordinating Committee for Capacity Research, Strategic Highway Research Program 2 (SHRP-2), 2006-2014.
- Member, Advisory Panel, National Cooperative Freight Research Project 03, Freight Performance Measures, 2009-2011.
- Conference steering committees (2007 - ): 5th International Transportation Systems Performance Measurement and Data Conference (co-chair), 2014 Freight Fluidity Workshop (chair); Aligning Data Systems to Communicate with Decision Makers; Strategies for Meeting Critical Data Needs for Decision Making in State and Metropolitan Transportation Agencies (2011), North American Freight Data Conference; Data Programs Peer Exchange; Freight Data Requirements for Air quality and Infrastructure, Transportation Asset Management, Midwest Traffic Monitoring Workshop.
- Chairman, Bureau of Transportation Statistics Policy Study Committee, which produced: *Measuring Personal Travel and Goods Movement – A Review of the Bureau of Transportation Statistics' Surveys*, Transportation Research Board Special Report 277, 2003. (<http://trb.org/publications/sr/sr277.pdf>)
- Reviewer, Special Report 282 - [Does the Built Environment Influence Physical Activity? Examining the Evidence](#) (*The Role of the Built Environment in Physical Activity Levels in the U.S.*), Transportation Research Board and The Institute of Medicine, 2005.
- Northwestern University Representative (Institutional contact with TRB)

- Various other leadership roles on committees and councils since 1968.

Reviewer, University of Chicago Press, *Journal of Transportation engineering* (ASCE), *Accident Analysis and Prevention*, *Journal of the Transportation Research Board*

Associate Editor, *Transportation Science*, 1982-1989

## PROFESSIONAL SOCIETY MEMBERSHIPS

Transportation Research Board  
Institute of Transportation Engineers  
American Society of Civil Engineers, Life Member  
American Association for the Advancement of Science

## HONORARY SOCIETIES AND HONORS

2017 Martin Wachs Lecture, UCLA, April, 2017  
2017 S.S. Steinberg Award for Excellence in transportation education and research, American Road and Transportation Builders Association.  
2014 Thomas B. Deen Distinguished Lecture, Transportation Research Board  
Annual Melvin Webber Memorial Lecture, University of California Transportation Center, Davis, California, April, 2012  
Daniel and Carole Burack President's Distinguished Lecturer, University of Vermont, April, 2011  
2011 Roy Crum Award for contributions to research, Transportation Research Board January 2011  
National Associate of the National Academies, January 2011  
2003 Wilbur S. Smith Distinguished Transportation Educator, Institute of Transportation Engineers  
2002 McCormick School of Engineering and Applied Science Advisor of the Year  
1987 Burlington Northern Foundation Award for Excellence in Teaching  
Sigma Xi, Tau Beta Pi, Chi Epsilon, Golden Key Society

## PUBLICATIONS

1. Joseph L. Schoer and Hani S. Mahmassani, editors, *Mobility 2050: A Vision for Transportation Infrastructure*, prepared for the Association of Equipment Manufacturers and published by the Transportation Center, Northwestern University, June, 2016.  
([http://www.transportation.northwestern.edu/docs/2016/2016.06.13\\_AEM-MobilityReport-ALL-Web\\_2.pdf](http://www.transportation.northwestern.edu/docs/2016/2016.06.13_AEM-MobilityReport-ALL-Web_2.pdf))

2. Joseph L. Schofer, "Introduction to a 2050 U.S. Transportation System," Chapter One in J.L. Schofer and H.S. Mahmassani, *Mobility 2050: A Vision for Transportation Infrastructure*, June 2016.
3. Lama Bou Mjahed and J.L. Schofer, Where we Stand: Transportation Infrastructure Today, Chapter two in J.L. Schofer and H.S. Mahmassani, *Mobility 2050: A Vision for Transportation Infrastructure*, June 2016.
4. Joseph L. Schofer, Paying the Way for Future Transportation Infrastructure, Chapter Ten in J.L. Schofer and H.S. Mahmassani, *Mobility 2050: A Vision for Transportation Infrastructure*, June 2016.
5. Joseph Schofer, "The Future of Freight Data," in *Commodity Flow Workshop*, Transportation Research Circular E-C205, Transportation Research Board, February, 2016, pp. 7-12.
6. Raymond Chan, Pablo Durango-Cohen and Joseph L. Schofer, "Dynamic Learning Process For Selecting Storm Protection Investments," *Transportation Research Record 2599*, Transportation Research Board of the National Academies, 2016. Pp. 1-8.
7. Raymond Chan and Joseph Schofer, "Measuring Transportation System Resilience: Response of Rail Transit to Weather Disruptions." *Nat. Hazards Rev.* , [10.1061/\(ASCE\)NH.1527-6996.0000200](https://doi.org/10.1061/(ASCE)NH.1527-6996.0000200), 4 November 2015.
8. Joseph L. Schofer, "Moving the Goods: Performance Measures and the Value Proposition for Transportation Projects," 2014 TRB Thomas B. Deen Distinguished Lecture, Transportation Research Record 2460, Transportation Research Board of the National Academies, 2014. pp.5-11.
9. Raymond Chan and Joseph L. Schofer, "The Role of Social Media in Communicating Transit Disruptions," *Transit 2014: Journal of the Transportation Research Board No. 2415*, 2014.
10. J.L. Schofer and R.C. Chan, "We can Learn Something from that! Promoting an Experimental Culture in Transportation," *Access*, V. 44, Spring, 2014, pp. 28-34.
11. "A Potential Strategic Plan and Research Agenda for the National Cooperative Rail Research Program," NCRRP Research Results Digest 1, May, 20014, prepared by Transportation Research Board staff based on the report "Strategic Plan and Research Agenda," by J. L. Schofer, N. Carlson, B. Johnson, and D. Cheah, February, 2014.

12. Joseph L. Schofer, "Ensuring the Long-Term Stewardship of the Safety Data," *TR News*, November-December 2013, p. 39.
13. J.L. Schofer, Raymond Chan, and Pablo Durango-Cohen, Managing a Regional Transit System in a Severe Weather Event - Case Study of the New York Region and Hurricane Irene, Report from the International Panel of the WEATHER project funded by the European Commission's 7<sup>th</sup> framework programme, the Fraunhofer-Institut für System und Innovationsforschung, Karlsruhe, Germany, March, 2012, <http://www.weather-project.eu/weather/inhalte/deliverables.php>.
14. K. Coffel, J. Parks, C. Semler, P. Ryus, D. Sampson, C. Kachadoorian, H.S. Levinson, and J.L. Schofer, *Guidelines for Providing Access to Public Transportation Stations*, Transit Cooperative Research Program Report 153, Transportation Research Board, 2012.
15. L.F. Audenaerd, D.E. Boyce and J.L. Schofer, "A Trade-Space Analysis of Surface Alternatives for Short-Haul Passenger Air Travel," *Transportation Research Record* 2300, pp. 129-138, 2012.
16. Joseph L. Schofer, Leonard Evans, Michael P. Freeman, Larry L. Galehouse, Samer Madanat, Ali Maher, Sue McNeil, John J. Myers, Robert L. Peskin, and Butch Wlaschin, "Research Agenda for Transportation Infrastructure Preservation and Renewal: Conference Report," *ASCE J. Infrastructure Systems*, V. 16, No. 4, December 2010, pp. 228-230.
17. Marshall Lindsey, Joseph L. Schofer, Pablo Durango-Cohen, and Kimberly A. Gray, "The Effect Of Residential Location On Vehicle Miles Of Travel, Energy Consumption And Greenhouse Gas Emissions: Chicago Case Study," *Transportation Research D: Transport and Environment*, V. 16, 2011, pp. 1-9.
18. Marshall Lindsey, Joseph L. Schofer, Pablo Durango-Cohen, and Kimberly A. Gray, "Relationship between proximity to transit and ridership for journey-to-work trips in Chicago," *Transportation Research A*, Policy and Practice, Volume 44, Issue 9, November, 2010, pp. 687-709.
19. Johanna Zmud, Julie Paasche, Mia Zmud, Timothy Lox, Joseph Schofer and Judy Meyer, "Communicating the Value of Transportation Research," *TR News*, Transportation Research Board, January-February, 2010, pp. 31-34.
20. Johanna Zmud, Julie Paasche, Mia Zmud, Timothy Lox, Joseph Schofer and Judy Meyer, *Communications Matters: Communicating the Value of Transportation Research - Guidebook*, National Cooperative Highway Research Program Report 610, 2009.

21. J.L. Schofer, *Information Assets to Support Transportation Decision Making Report of a Peer Exchange of State Transportation Organizations*, Kansas City, KS, April 17-18, 2007, Transportation Research Board Electronic Circular E-C121, August, 2007, 23 pps. <http://onlinepubs.trb.org/onlinepubs/circulars/ec121.pdf>
22. J.L. Schofer, "Key Points for the Workshop," in *North American Freight Transportation Data Workshop*, K. Hancock, ed., Transportation Research Board Electronic Circular E-C119, August, 2007, pp. 19-22, [http://www.trb.org/news/blurb\\_detail.asp?id=8003](http://www.trb.org/news/blurb_detail.asp?id=8003)
23. J.L. Schofer, T. Lomax, T. Palmerlee, J. Zmud, *Transportation Information Assets and Impacts*, Transportation Research Circular E-C 109, Transportation Research Board, December 2006. <http://onlinepubs.trb.org/onlinepubs/circulars/ec109.pdf>
24. James R. Parks and Joseph L. Schofer, "Characterizing Neighborhood Pedestrian Environments with Secondary Data," *Transportation Research D, Transportation and Environment*, Vol. 11, Number 4, July, 2006, pp. 250-263.
25. Joseph L. Schofer, "Summary Statement," *Expert Forum on Road Pricing and Travel Demand Modeling Proceedings*, Volpe National Transportation Systems Center, April, 2006, pp. 3-12, <http://tmip.fhwa.dot.gov/clearinghouse/docs/DOT-OST-P-001-06/DOT-OST-P-001-06.pdf>.
26. Joseph L. Schofer, "Key Observations from the Conference," *Data for Understanding Our Nation's Travel*, National Household Travel Survey Conference, Washington, November, 2004, published as Transportation Research Circular E-C071, January, 2005, pp. 60-64 (<http://trb.org/publications/circulars/ec071.pdf>).
27. Joseph L. Schofer, "Freight Database for the Future," presented at Transportation Research Board Conference on the Commodity Flow Survey, Boston, July, 2005, published in *Commodity Flow Survey Conference*, Transportation Research Circular E-C088, January 2006, pp. 190-194 (<http://www.trb.org/publications/circulars/ec088.pdf>).
28. John J. Wirtz, Joseph L. Schofer and David F. Schulz, "Using Simulation to Test Traffic Incident Management Strategies: Illustrating the Benefits of Pre-Planning," *Transportation Research Record 1923*, pp. 82-90, 2006.
29. Brian H.Y. Lee, Joseph L. Schofer and Frank S. Koppelman, "Bicycle safety helmet legislation and bicycle-related non-fatal injuries in California," presented at the Annual Meeting of the Transportation Research Board, January, 2004; *Accident Analysis and Prevention*, Vol. 37, No. 1, January, 2005, pp. 93-102.

30. Joseph L. Schofer, Barry L. Nelson, Ronald Eash, Mark Daskin, Ying Yang Hong Wan, Jingfeng Yan, and Laszlo Medgyesy, Resource Requirements for Demand-Responsive Transportation Services, *Transit Cooperative Research Report 98*, Transportation Research Board, 2003.  
([http://trb.org/news/blurb\\_detail.asp?id=2180](http://trb.org/news/blurb_detail.asp?id=2180)).
31. Brian H.Y. Lee and Joseph L. Schofer, "Injuries in Fatal Crashes and Restraint Use: A National Analysis of the Age and Sex Demographics of the Occupants," *Transportation Research Record 1830*, 2003, pp. 10-17.
32. J. Schofer and E. Czepiel, "Estimating the Value of Business Aviation: What Do People Pay to Fly in Private Aircraft?" Proceedings (CD), Transportation Research Board 81<sup>st</sup> Annual Meeting, January, 2002.
33. Richard A. Raub, Omar Sawaya, Joseph L. Schofer, and Athanasios Ziliaskopoulos, "Workzone Crashes and their Contributing Factors," Proceedings (CD), 80th Annual Meeting of the Transportation Research Board, Washington, D.C., January, 2001.
34. S. Travis Waller, Joseph L. Schofer, and Athanasios Ziliaskopoulos, "Evaluation with Traffic Assignment Under Demand Uncertainty," *Transportation Research Record 1771*, 2001, pp. 69-74.
35. Omar B. Sawaya, Joseph L. Schofer, Athanasios K. Ziliaskopoulos and Richard A. Raub, "Continuous Learning Process Model for Work Zone Safety Management," *Transportation Quarterly*, V. 55, N. 1, winter, 2001, pp. 47-61.
36. Joseph L. Schofer and Edward J. Czepiel, High Occupancy Vehicle Facilities: A Review of National Experience, Success Factors, and Decision Issues, *Transportation Research Record 1711*, 2000, pp. 13-22.
37. Omar Sawaya, Anthansios Ziliaskopoulos and Joseph L. Schofer, "Development of Dynamic Control Strategies for Managing Freeway Incident Traffic," *Proceedings, Tristan III*, San Juan, Puerto Rico, June, 1998.
38. J. Christopher Kopp, Joseph L. Schofer, and David F. Schulz, "Adapting Public Works for Private Capital," *Transportation Quarterly*, Vol. 52, No. 4, pp.33-44, Fall, 1998.
39. Joseph L. Schofer, Frank S. Koppelman and William A. Charlton, "Designing ATIS for Familiar Drivers: Preliminary Behavioral Concepts, R. Emmerink and P. Nijkamp, eds., *Behavioural and Network Impacts of Driver Information Systems*, Ashgate Publishing Company, 1999, pp.269-290.

40. Richard A. Raub and Joseph L. Schofer, "Tactics for Enhanced Arterial Incident Management," *Traffic Congestion and Traffic Safety in the 21<sup>st</sup> Century*, Proceedings of the American Society of Civil Engineers Conference, Chicago, June 8-11, 1997, pp.277-283.
41. Joseph L. Schofer, Frank S. Koppelman and William A. Charlton, "Perspectives on Driver Preferences for Dynamic Route Guidance Systems," *Transportation Research Record* 1588, 19996, pp. 26-31.
42. Richard A. Raub and Joseph L. Schofer, "Managing Incidents on Urban Arterial Roadways," *Transportation Research Record* 1603, 1996, pp. 12-19.
43. Christopher L. Saricks, Joseph L. Schofer, Siim Soot, and Paul A. Belella, "Evaluating Effectiveness of a Real-Time ATIS Using a Small Test Vehicle Fleet," *Transportation Research Record* 1588, 1997.
44. K.E.Wills, R.R.Tanz, K.K.Christoffel, J.L. Schofer, J.V. Lavigne, M. Donovan, and K. Kalangis, "Supervision in childhood injury cases: a reliable taxonomy," *Accident Analysis and Prevention*, Vol. 29, No. 1, pp. 133-7, January, 1997.
45. Joseph L. Schofer, Frank S. Koppelman and William A. Charlton, "Familiar Driver Response to In-Vehicle Route Guidance Systems," *Proceedings*, 3rd Annual World Congress on Intelligent Transport Systems, Orlando, Florida, October, 1996.
46. Christopher L. Saricks, Joseph L. Schofer and Ashish K. Sen, "Lessons Learned from the ADVANCE Targeted Deployment," *Proceedings*, 3rd Annual World Congress on Intelligent Transport Systems, Orlando, Florida, October, 1996.
47. Christopher L. Saricks, Paul A. Belella, Frank S. Koppelman, Joseph L. Schofer, and Ashish K. Sen, "Formal Evaluation of the ADVANCE Targeted Deployment," *Proceedings*, Sixth Annual Meeting, ITS America, Houston, TX, April, 1996.
48. Robert R. Tanz, Katherine K. Christoffel, Joseph L. Schofer, Mark Donovan, and the Kids 'n' Cars Team, "There Are Several Child Pedestrian Injury Syndromes," *Archives of Pediatrics & Adolescent Medicine*, v. 149 (supplement), p. 90, 1995.
49. Katherine Kaufer Christoffel and Joseph L. Schofer, "Identifying Injury Scenarios: A Systematic Approach," *Injury Prevention*, Volume 2, pp. 221-227.
50. Katherine Kaufer Christoffel, Mark Donovan, Joseph Schofer, Karen Wills, John Lavigne, and the Kids 'n' Cars Team, "Psychosocial Factors in Childhood Pedestrian Injury: A Matched Case-Control Study," *Pediatrics*, Vol. 97, no. 1, pp. 33-42, January, 1996.

51. J.N. Ivan, Joseph L. Schofer, Frank S. Koppelman, and Lina L.E. Massone, "Real Time Data Fusion for Arterial Street Incident Detection Using Neural Networks," presented at the 74th Annual Meeting of the Transportation Research Board, January, 1995; *Transportation Research Record 1497*, 1995, pp. 27-35.
52. Nikhil Bhandari, Frank S. Koppelman, Joseph L. Schofer, Vaneet Sethi, and John N. Ivan, "Arterial Incident Detection Integrating Data from Multiple Sources," presented at the 74th Annual Meeting of the Transportation Research Board, January, 1995, *Transportation Research Record 1510*, 1995, pp. 60-69.
53. Joseph L. Schofer, Katherine K. Christoffel, *et al.*, "Beyond the Midblock Dart-out: A New Child Pedestrian Injury Taxonomy Based on Visibility and Action," *Accident Analysis and Prevention*, V. 27, N. 3, pp. 317-333, 1995.
54. Vaneet Sethi, Nikhil Bhandari, Frank S. Koppelman and Joseph L. Schofer, "Arterial Incident Detection Using Fixed Detector and Probe Vehicle Data," *Transportation Research C*, Vol. 3, No. 2, pp. 99-112, 1995.
55. K.E. Wills, K.K. Christoffel, J. Lavigne, Robert R. Tanz, J.L. Schofer, M. Donovan, K. Kalangis, and the Kids 'n' Cars Research Team, "Patterns and Correlates of Supervision in Child Pedestrian Injury," *Journal of Pediatric Psychology*, Volume 22, No. 1, 1997, pp. 89-104.
56. Asad J. Khattak, Joseph L. Schofer and Mu-Han Wang, "A Simple Time Sequential Procedure for Predicting Freeway Incident Duration," *IVHS Journal*, Vol. 22, No. 2, pp. 113-138; presented as "A Procedure for Predicting Freeway Incident Duration" at the 73rd Annual Meeting of the Transportation Research Board, January, 1994.
57. Asad J. Khattak, Joseph L. Schofer and Frank S. Koppelman, "Effect of Traffic Information on Commuters' Propensity to Change Route and Departure Time," *Journal of Advanced Transportation*, Vol. 29, No. 2, pp. 193-212, 1994.
58. David E. Boyce, Allan M. Kirson, and Joseph L. Schofer, "ADVANCE -- The Illinois Dynamic Navigation and Route Guidance Demonstration Program," in Ian Catling, ed., *Advanced Technology for Road Transport: IVHS and ATT*, Artech House, London, 1994, pp. 247-270.
59. Koji Tsunokawa and Joseph L. Schofer, "Trend Curve Optimal Control Model for Highway Pavement Maintenance: Case Study and Evaluation," *Transportation Research A*, Vol. 28a, No. 2, 1994, pp. 151-166.
60. J. Ivan, J. Schofer, C. Bhat, and F. Koppelman, "Arterial Street Incident Detection Using Multiple Data Sources: Plans for the ADVANCE Project," *Proceedings*, Pacific Rim Transportation Technology Conference, Seattle, July, 1993.

61. J.L. Schofer, "Mass Transportation," *Encyclopædia Britannica*, 15th Edition, 1993, Vol. 28, pp. 864-870.
62. Joseph L. Schofer, Asad J. Khattak, and Frank S. Koppelman, "Behavioral Issues in the Design and Evaluation of Advanced Traveler Information Systems," presented at the 6th World Conference on Transportation, Lyon, France, June 29 - July 3, 1992; *Transportation Research C*, Vol. 1, No. 2, 1993, pp. 107-117.
63. Chandra R. Bhat, Joseph L. Schofer, Frank S. Koppelman, and Russell C. Bautch, "Driver Recruitability for Advanced Traveler Information System Experiments," presented at the 72nd Annual Meeting of the Transportation Research Board, Washington, D.C., January, 1993; published in *Transportation Research C*, Vol. 1. No.4, pp. 265-274, 1993.
64. Richard Bolczak, Joseph L. Schofer and Toni Wilbur, "Evaluating the ADVANCE Project," *Proceedings*, IVHS America conference, Washington, D.C, April, 1993.
65. Joseph Ligas, Syd Bowcott, David Boyce, Peter Nelson, Joseph Schofer, Frank Koppelman, and Allan Kirson, "An Update on ADVANCE," *Proceedings*, IVHS America conference, Washington, D.C, April, 1993.
66. Chandra R. Bhat, Frank S. Koppelman and Joseph L. Schofer, "Suburban Commuter Response to Ride Sharing Incentives and Auto-Use Disincentives," presented at the 6th World Conference on Transportation, Lyon, France, June 29 - July 3, 1992; also published as: Frank S. Koppelman, Chandra R. Bhat and Joseph L. Schofer, "Market Research Evaluation of Actions to Reduce Suburban Traffic Congestion: Commuter Travel Behavior and Response to Demand Reduction Actions," *Transportation Research A*, Vol. 27A, No. 5, pp. 383-393.
67. A. Kirson, B.C. Smith, D. Boyce, P. Nelson, J. Hicks, A. Sen, J. Schofer, F. Koppelman, and C. Bhat, "The Evolution of ADVANCE," *Proceedings*, Vehicle Navigation and Information Systems Conference, Oslo, Norway, September, 1992, SAE.
68. Katherine K. Christoffel, Joseph L. Schofer, John V. Lavigne, Robert R. Tanz, Karen Wills, Barbara White, Martha Barthel, Patricia McGuire, Mark Donovan, Flavia Buergo, Nancia Shawver, and Jeffrey Jenq, "Kids 'N' Cars, An Ongoing Study of Pedestrian Injuries: Description and Early Findings," *Children's Environment Quarterly*, Volume 8, Number 2, 1991.
69. I. Salomon, N. Schneider, and J.L. Schofer, "Is Telecommunicating Cheaper than Travel? An Examination of Interaction Costs in a Business Setting," *Transportation*, Vol. 18, No. 4, 1991 (pp. 291-318).

70. A.J. Khattak, Frank S. Koppelman and Joseph L. Schofer, "Stated Preferences for Investigating Commuters' Diversion Propensity," presented at the 1992 Annual Meeting of the Transportation Research Board; published in *Transportation*, Vol. 20, pp. 107-127, 1993.
71. A.J. Khattak, J.L.Schofer and F.S. Koppelman, "Effect of Traffic Reports on Commuters' Route and Departure Time Changes," *Proceedings*, Vehicle Navigation and Information Systems Conference, 1991, SAE.
72. David E. Boyce, Allan Kirson, and Joseph L. Schofer, "Design and Implementation of ADVANCE: The Illinois Dynamic Navigation and Route Guidance Demonstration Program," *Proceedings*, Vehicle Navigation and Information Systems Conference, 1991, SAE.
73. A. Kirson, J.L. Schofer and D.E. Boyce, "ADVANCE: The Illinois Dynamic Route Guidance Demonstration Program," *Proceedings*, International Symposium on Automotive Technology and Automation, Florence, Italy, May 1991.
74. P.D.Prevedouros and J.L.Schofer, "Factors Affecting Automobile Ownership and Use," *Proceedings*, 6<sup>th</sup> International Conference on Travel Behavior," Quebec City, Quebec, Canada, Vol. 2 (pp. 396-412); also in *Transportation Research Record 1364*, Transportation Research Board, Washington: 1992 (pp. 152-160).
75. A.J.Khattak, J.L.Schofer, and F.S.Koppelman, "Commuters' Enroute Diversion and Return Decisions: IVHS Design Implications," *Proceedings*, 6<sup>th</sup> International Conference on Travel Behavior," Quebec City, Quebec, Canada; published in modified form as "Commuters' Enroute Diversion and Return Decisions: Analysis and Implications for Advanced Traveler Information Systems," *Transportation Research A*, Vol. 27A, No. 2, pp. 101-111, 1993.
76. A.J. Khattak and J.L.Schofer, "Factors Influencing Commuters' Enroute Diversion Behavior in Response to Delay," *Transportation Research Record 1318*, Transportation Research Board, Washington: 1991 (pp 125-136).
77. P.D.Prevedouros and J.L.Schofer, "Trip Characteristics and Travel Patterns of Suburban Residents," *Transportation Research Record 1328*, Transportation Research Board, Washington: 1991 (pp. 49-57).
78. P.P. Jovanis, J.L.Schofer, P.D.Prevedouros, and K. Tsunokawa, "An analysis of Bus Accidents: Empirical, Methodological and Policy Issues," *Transportation Research Record 1322*, Transportation Research Board, Washington: 1991 (pp. 17-29).

79. I. Salomon and J.L. Schofer, "Transportation and Telecommunications Costs: Some Implications for Small Countries," in F. Dietz, W. Heijman, and D. Shefer, eds., *Location and Labor Considerations for Regional Development*, Gower Publishing Co., Alderhot, England, 1990; Modified version published as "Transportation and Telecommunications Costs: Some Implications of Geographic Scale," *Annals of Regional Science*, Vol. 25, 1991 (pp. 19-39).
80. I. Salomon, N. Schneider, and J.L. Schofer, "Are Telecommunications Costs Cheaper than Travel? An Examination of Interaction Costs in a Business Setting," *Proceedings of the Fifth World Conference on Transportation Research* (Yokohama, Japan: July, 1989).
81. P.D. Prevedouros and J.L. Schofer, "Social and Cultural Factors Affecting Transportation Behavior in Rapidly Developing Suburbs," in *Transport Policy, Management & Technology Towards 2001: Selected Proceedings of the Fifth World Conference on Transportation Research*, Western Periodicals Co., 1989 (pp. 169-183).
82. P. Prevedouros and J.L. Schofer, "Changing Transport Behavior as a Factor in Suburban Congestion", *Transportation Research Record* 1237, 1989 (pp. 47-58).
83. I. Salomon and J.L. Schofer, "Forecasting Telecommunications-Travel Interactions: The Transportation Manager's Perspective," *Transportation Research A*, Volume 22A, No. 1, May, 1988 (pp. 219-229).
84. V.L. Sauter and J.L. Schofer, "Evolutionary Development of Decision Support Systems: Important Issues for Early Phases of Design," *Journal of Management Information Systems*, Volume 4, Number 4, Spring, 1988 (pp. 77-92).
85. J.L. Schofer, "Passenger Transportation in the Chicago Region: Today and Tomorrow," prepared for the Regional Agenda Project of the Metropolitan Planning Council, April, 1986; published in *The State of The Region*, a collection of background papers sponsored by The Regional Partnership, Chicago, Illinois, December, 1988.
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October 30, 2017