

May 2018

## RESUME OF JOHN W. FULLER

**Position:** Professor: School of Urban and Regional Planning; Department of Economics, and; Department of Geography. The University of Iowa (1979 to present).

**Responsibility:** Teach seminars and courses in: transport policy, planning and analysis, finance and regulation; sustainability; and regional and urban economics, within Urban and Regional Planning and cross-listed in other Departments. Acting Chair, Urban and Regional Planning, 1980-81, 1989-1990, 2008. Chair, 1995-1999. Interim Director, 2015. Associate Chair and Director of Graduate Studies (DFS) 2007-2010 (DGS to 2018). Executive Director of the Legislative Extended Assistance Group (LEAG) of the Iowa Legislature, initiating policy research on issues of legislative importance, 1979-95.

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	<b>Citizenship:</b> U.S.	<b>Married, four children</b>

### ACADEMIC BACKGROUND

**Graduate Study:** Ph.D., Economics, 1968--Washington State University  
**Major Fields:** Transportation and Public Utilities, Public Finance, Labor  
**Other Areas:** Psychology (minor field), Economic Theory, Economic History and History of Economic Thought, Business Cycles

**Undergraduate Study:** A.B., Economics, 1962--San Diego State University

### PAST EMPLOYMENT EXPERIENCE

**Director,** Institute of Urban and Regional Research, University of Iowa, August, 1979-August, 1983. Administered the Institute's programs in interdisciplinary research involving faculty and graduate students from nine different departments and four separate colleges. The Institute incorporated Centers for Transportation Studies, Developmental Studies, Locational Analysis, Environmental Policy Analysis and Consumer Behavior.

**Deputy Executive Director,** National Transportation Policy Study Commission, July 1977-September 1979 (and part-time through December 1979). Directed the 60-person technical staff of the Commission in a 2-year, \$5 million study of national policy through the year 2000, reporting to the President and Congress on: U.S. transport needs through 2000; the ability of current systems to meet the needs and a proper mix of transport modes; energy requirements and availability; new policies, programs and organizations required to develop a balanced transport system. Major interactions with: Congress; federal, state and local agencies; business, labor and public interest groups. Produced final report, 9 special reports and 40 working papers.

Employment Experience (continued)

**Secretary, Wisconsin Highway Commission**, April 1976-July 1977, Wisconsin Department of Transportation. Member of three-person Commission administering the DOT's Highway Division. Jointly in charge of 1,800 employees, 9 district offices and a yearly budget of \$250 million. Supervised directly Division's Office of Program Management, which prepared the highway budget, produced short and long-run programs for highway projects, and scheduled expenditures. Initiated a project analysis, programming and demand forecasting procedure and started van-pooling activities. Major interactions with the Governor and Legislature, state agencies, local governments, regional commissions, shippers and carriers, and the U.S. DOT. Leave of absence July, 1977, to join the National Transportation Policy Study Commission. Returned part-time June-December, 1979 to establish a highway cost allocation study.

**Director of Environmental and Policy Analysis Bureau**, January 1975-April 1976, Wisconsin DOT. Headed groups charged with: investment, regulatory and policy analysis; economic, environmental and sociological research; project analysis and plan preparation; and general analytical support to DOT's Division of Planning. Established Wisconsin first state rail programs, did an intercity bus study plus studies of taxicab systems, evaluated highway projects and plans, monitored paratransit demonstrations and worked on special projects for the DOT Secretary. Named by Governor to Highway Commission in April 1976.

**Chief of Policy and Goal Analysis Section**, March 1974-January 1975, Wisconsin DOT. Provided advice and research support in all transport areas. Did Wisconsin's first rail plan and produced a federally-funded manual for states on railroad planning. Promoted to head Bureau encompassing this and other sections in January, 1975.

**Lecturer**, Graduate School of Business, University of Wisconsin (part-time). Taught Transportation Economics, summers 1969 and 1970. Taught Public Utilities and graduate Transportation Policy, 1971-73. Participated in University Extension Programs to 1977.

**Chief of Economic Analysis**, August 1968-March 1974, Wisconsin DOT. Performed and directed economic research in all transport fields. As the first economist employed by the Wisconsin DOT, organized a staff of economists and applied their efforts throughout the Department. Made legislative and regulatory appearances. Coordinated conferences and study programs. Acted as Deputy Director, Bureau of Policy Planning. Bureau reorganized and title changed March 1974.

**Transport Economist**, summers 1966 and 1967, Western Highway Institute, San Francisco. Economic research involving transport requirements of important western industries (lumber and wood products, livestock, grain, fruits and vegetables) and intermodal competition for shipping the products of these industries.

**Acting Assistant Director and Traffic Engineer**, summer 1965, and consulting through fall 1965, Spokane Metropolitan Area Transportation Study. Planned and directed the cordon line survey, city-county traffic counting programs, network coding, travel time studies, and truck-taxi surveys. Performed general administrative duties; supervised up to 38 temporary and permanent employees.

**Research Assistant**, summer 1964, in industrial organization for Dr. Frank J. Kottke, Washington State University, while attending graduate school.

**Economist**, summer 1963, Bureau of Labor Statistics, San Francisco office; performed statistical research on employment trends.

**Teaching Assistant** on half-time, academic-year appointment, 1962-68, Department of Economics, Washington State University. Taught undergraduate sections; aided professors in their research.

**Industrial Engineering Technician**, Navy Department, North Island Naval Air Station, San Diego, California, summers 1959-62. Took time studies, devised methods of work measurement and improvement, wrote reports.

## SELECTED ACTIVITIES

Statements before Senate & House Commerce & Public Works Committees; Joint Economic Committee; House Committee on Banking and Currency; Senate Subcommittee on Water Resources (of Committee on Environment & Public Works); Interstate Commerce Commission; Motor Carrier Ratemaking Study Commission; Iowa, Virginia, and Wisconsin legislative committees; and Public Service Commission of Wisconsin. Invited presentations: Universities of: los Andes (ULA, Venezuela), British Columbia, Central de Venezuela, Jose Maria Vargas (Venezuela), Maryland, Mississippi, Wisconsin (Madison, Milwaukee & Green Bay campuses) and Zulia (Venezuela); Instituto de Estudios Superiores de Administracion (Venezuela); Iowa State University; Japanese Ministry of Construction; U.S. DOT & GAO; State DOTs of IA, MI, MN, OR, WA, and WI; IA Arts Council; Venezuela Ministerio de Transporte y Comunicaciones. Member: Johnson County Broadband Telecommunications Commission (1981-1988; vice-chair 1988) and Zoning Board of Adjustment (1987-1992; chair from 1988); Iowa Governor's Land Use Advisory Committee (1982-1988); Transit Advisory Committee, Iowa Department of Transportation (1983-1998); West Branch, IA Zoning Board of Adjustment (1993-2005). West Branch Library Board of Trustees (1995-2001, president 1996-2001). West Branch Historic Preservation Commission (2001-present). Main Street West Branch design and business improvement committees (2006-present) Editorial Board, Journal of Transportation and Statistics (1996-2001). Reviewer: Transportation Research Record; Logistics and Transportation Review; Journal of Urban Affairs; The Environmental Professional; Transportation Research Forum Proceedings; Journal of the American Planning Association; Journal of Transportation and Statistics; National Science Foundation. Peer exchanges on research programs with the state DOTs of MN (1999), WI (2002) and PA (2002). TV & radio appearances. Who's Who in America; Who's Who in the Midwest; Who's Who in Finance and Business; Who's Who in Education. Fulbright award, Universidad de los Andes, Venezuela, 1985. U.S. Information Agency Affiliation Awards, Universidad de los Andes (1986), Universidad Central de Venezuela (1989). Mid-America Transportation Center grants (2009-10).

## PROFESSIONAL AFFILIATIONS, PAST AND PRESENT

American Association of Railroad Superintendents (1978-present).  
American Association of State Highway and Transportation Officials, Standing Committee on Planning, Subcommittee on Environmental, Social and Economic Affairs (1974-76).  
American Economic Association, including Transportation and Public Utilities Group (1966-present).  
American Planning Association (1981-present) (Editor, Transportation Division Newsletter, 1983-1990).  
American Institute of Certified Planners (1986-present).  
American Society of Transportation and Logistics, Educator Member (1973-2015).  
Association of American Geographers (1981-present).  
Delta Nu Alpha Transportation Fraternity (1969-73, 1979-1986).  
Iowa State Water Resources Institute Advisory Board (1979-1985).  
Maritime Transportation Research Board, National Research Council; Committee on a Framework for Assessing Maritime Safety (1980-81).  
National Association of Environmental Professionals (1979-present; certified environmental professional).  
National Tax Association (1969-75), including Committee on Taxation of Public Utilities-Transportation (1970-73 and 1974-75).  
Transportation Research Board, National Research Council, National Academy of Sciences. University Representative, The University of Iowa (1979-present), Group 1 Council (1986-1989), Transportation Systems Planning Section Chair (1987-90), consultant on data needs (1990) and member of:  
(a) Project Panels on National Cooperative Highway Research Program (NCHRP): Project 8-15 "State or Regional Transportation Impact Analysis" (1974-76); Project B-8-15A, "Field of Transportation Planning, Area of Urban Transportation" (1977-84); Project 14-6, "Deferred Maintenance Practices for Pavements and Bridges" (1981-1987); Project 20-29, Development of a Multimodal Framework for Freight Transportation Investment: Consideration of Rail and Highway Trade-Offs (1991-1999); Project B 8-31, "Long-Term Availability of Corridor Capacity" (1992-2000); Project 3-73, Separation of Vehicles--CMV Only Lanes (2005-2009); Project 8-70A, Setting Effective Performance Targets for Transportation Programs, Plans, and Policy (2007-2012); Project 8-20, Target-Setting Methods and Data Management to Support Performance-Based Resource Allocation by Transportation Agencies (2007-2012); Project 8-97, Using Oversize/Overweight

Data to Develop Multistate, Multimodal Alternative Freight Corridors (2013-2016; Project 19-13, Value Capture Toolkit for State Transportation Agencies (2015-2018), chair.

(b) Panels on Transit Cooperative Research Program (TCRP) projects: Project H-11, Assessment of the Economic Impacts of Rural Public Transportation (1995-98); Project H-26, Economic Benefits of Coordinating Human Service Transportation and Transit Services (2000-2003); Project H-39, Methodology for Determining the Economic Development Impacts of Transit Projects (2008-2012); Project H-43, Public Transit in the 21<sup>st</sup> Century: Changing Institutional and Business Models (2011-2012).

(c) Panels on National Cooperative Freight Research Program (NCFRP) projects,: Project 11, Current and Future Contributions to Freight Demand in North America (2008-2012); Panel 20, Resources and Procedures for Developing Local and Specific Freight Corridors Commodity Flow Databases (2009-2013), Chair; Panel 22, Applying Benefit-Cost Analysis to Freight Project Selection: Lessons from the Corps of Engineers (February, 2010-2012); Panel 39, Creating Publicly Available Measures of Freight Trucking Activity (May, 2011-2014).

(d) Panels on Strategic Highway Research Program 2 (SHRP 2) projects. Capacity: Technical Expert Task Group C20, Freight Demand Modeling and Data Improvement Strategic Plan (2009-2013); Reliability: Task Group (ETG) L05, Incorporating Reliability Performance Measures into the Transportation Planning and Programming Process (June 1, 2009-May 31, 2010); C16 Expert Task Group, The Effect of Smart Growth Policies on Travel Demand (April, 2010-March, 2011).

(e) Panel on National Cooperative Airport Research Program (ACRP). Project 1-15, Alternative Revenue Strategies for Airports (2009-2010); Synthesis S10-02-05, Funding Opportunities for Airport Environmental Projects (2010-2011); Project 03-28, Economic Impacts of U.S. Airports (2012-2015).

(f) Regular Technical Activities Division--Transportation Systems Planning and Administration Group Committees:

(1) Citizen Participation in Transportation Planning, A1D04 (1974-88);

(2) Social, Economic and Environmental Factors of Transportation A1F05 (1971-88). Scope revised, committee renamed A1C06, Social and Economic Factors in Transportation, reappointed (1990-1996; 2006-2012). Named emeritus member 2012;

(3) Passenger and Freight Transportation Characteristics (1974-77);

(4) State Role in Rail Transport A1D03 (1976-98); Chair, Subcommittee on Critical Issues, 1978-82, Committee Chair (1994-95). Renamed A1B10, Committee on Local and Regional Rail Freight Transport and member (2/1/99-2005);

(5) Statewide Multimodal Transportation Planning Committee A1H01 (1982-85 and 1993-02), Chairman, Subcommittee on National Transportation Planning, 1982-84;

(6) Ports and Waterways A1H04 (1986-89), and;

(7) Committee on Transportation History, ABG50 (2012-2021). Subcommittee on oral history.

(g) Steering Committees for: Statewide Transportation Planning and Programming Conference (1978-79); Conference on the Future of Statewide Multimodal Planning (1989); International Symposium on Motor Carrier Transportation, A1T69 (1991-1993); Conference on Major Investment Studies in Transportation (1995-1996), and conference facilitator.

(h) Ad Hoc Panel on Allocating Bridge Costs Among Highway Uses (1979-80);

(i) Task Force (1978-81) and Committee A1B04 (1982-1998; 2014-19) on Motor Vehicle Size and Weight (currently Truck Size and Weight), and Technical Review Panel for Truck Size and Weight Study (1979-81), Chair of all three (Committee to 1986);

(j) Member, Double-Trailer Truck Monitoring Study B0006 (1983-86), Chair, Industry Impacts Subcommittee,

(k) Pipeline Safety project (1987-88), Chair.

(l) Intermodal Task Force, A1T59 (1993-1999).

(m) Task Force on National Data Needs and Requirements, A5T53 (1996-1998), and resultant Committee on National Transportation Data Requirements and Programs A5016 (1999-2005), Secretary (2000-2005).

Transportation Research Forum (1968-present). National Vice President, 1972-74; University Representative, 1982-2012.

Urban Affairs Association (1979-1988).

Women's Transportation Seminar (1981-1988).

## REFEREED PUBLICATIONS

Fuller, John W. "Importance of Communicating Research Results," pp. 30-31, and "Information for Transportation Economic Analysis: State of the Art and Relevance for Decision Making," pp. 30-31 and 93-96. Information Requirements for Transportation Economic Analysis. Conference Proceedings 21. Washington, D.C.: National Academy Press, 2000.

Fuller, John W. "The Road to Intermodalism." ISTEA and Intermodal Planning: Concept, Practice, Vision. Special Report 240. Washington, D.C.: Transportation Research Board, National Research Council, 1993, 113-129.

Fuller, John W. "La Productividad en el Transporte Urbano," Economia, Nueva Etapa No. 4 (1989), 41-53.

Fuller, John W. "Inflationary Effects on Transportation." The Annals of the American Academy of Political and Social Science, Vol. 456 (July 1981), 112-122.

Fuller, John W. "Regulation and Deregulation." State Transportation Issues and Actions. Transportation Research Board Special Report No. 189, Washington, D.C.: National Academy of Sciences, 1980, pp. 37-58.

Fuller, John W. "Factors Affecting Transportation Productivity: National Transportation Policy." Traffic Quarterly, Vol. XXXIV, No. 2 (April 1980), 163-169.

Fuller, John W., and Leigh B. Boske. "Agenda of the National Transportation Policy Study Commission." Transportation Research Forum Proceedings--Twentieth Annual meeting. Oxford, Ind.: The Richard B. Cross Company, 1979, 101-105.

Fuller, John W. "Policy Issues in State Rail Planning." Transportation Research Record, No. 656 (January 1979), 2-5.

Boske, Leigh B., and John W. Fuller. "Transportation Regulation and Public Policy." Traffic Quarterly, Vol. XXXII, No. 4 (October 1978), 493-510.

Boske, Leigh B., and John W. Fuller. "Reform of Transportation Regulation." Quarterly Review of Economics and Business, Vol. 18, No. 2 (Summer 1978), 97-110.

Fuller, John W., and William A. Hyman. "Energy and Environmental Effects of Railroad Abandonment." Measuring Energy Efficiency in Freight Transportation. Papers presented at 55th annual meeting, Transportation Research Board, Washington, D.C.: American Trucking Associations, Inc., 1976, 1-18.

Fuller, John W. "The Development of State Railroad Planning." Transportation Research Record, No. 577 (September 1976), 27-34.

Fuller, John W. "State Response to Railroad Abandonment." Transportation Research Record, No. 551 (December 1974), 29-43.

Fuller, John W. "Financing State Transit Subsidies." Transportation Research Forum Proceedings--Fourteenth Annual Meeting. Oxford, Ind.: The Richard B. Cross Company, 1973, 359-70.

## OTHER PUBLICATIONS

Fuller, John W., and Shixin Gao. "Water Planning Data Fact Sheets," 1996 Iowa State Water Plan Addendum. Reports prepared for Iowa's 99 Counties. New Prague, MN: Midwest Assistance Program, 1996.

Fuller, John W. "Workshop Summaries." Conference on Major Investment Studies in Transportation (MIS). Transportation Research Circular No. 463 (September 1996), 43-45 and 65-66.

Fuller, John W. Transportation for Iowans with Disabilities. Three vols. Des Moines, IA: Governor's Planning Council on Developmental Disabilities, 1991.

Fuller, John W. "Conference Overview," Moving America, A Look Ahead to the 21st Century. Washington, D.C.: U.S. Department of Transportation, 1989, 5-11.

Fuller, John W. "Respondents' Comments," A Look Ahead, Year 2020. Special Report 220. Washington, D.C.: Transportation Research Board, National Research Council, 1988, 360-364.

Fuller, John W. Peace Studies in Iowa. Iowa City, IA: Legislative Extended Assistance Group, 1986.

Fuller, John W. Financing Railroads in Iowa. Iowa City, IA: Legislative Extended Assistance Group, 1985.

Fuller, John W. Economic Impact of the Arts in Iowa. Des Moines, IA: Iowa Arts Council, 1985.

Fuller, John W. "Needs for Case Studies on Transportation Impacts: Conclusions and Symposium Summary." Transportation Impact on Economic Development, comp. by John P. Klus, 69-74. Madison: University of Wisconsin, 1984.

Fuller, John W. "Panelists' Response," and "Symposium Summary." Economic Impact on Transportation, comp. by John P. Klus, 26-27. Madison: University of Wisconsin, 1984.

Regulation and Competition in Transportation, Selected Works of James C. Nelson, ed. by John W. Fuller (Vancouver, B.C.: The Centre for Transportation Studies, The University of British Columbia, 1983).

Fuller, John W. "Moderator's Summary and Assessment" and "Moderator's Welcoming Address." Proceedings, Hazardous Waste Management: Policies for the Future. Iowa City, IA: Institute of Urban and Regional Research, 1981, vii-xiii and 1-3.

Fuller, John W. "Transportation Policy Research and Recommendations." Proceedings, Papers presented at annual meeting, Transportation Division, Special Libraries Association, June 9-14, 1979, Honolulu, Hawaii. E. by S.A. Pavlin and A.L. Poule. Toronto, Ontario: Transportation Division, 1980, 20-28.

Fuller, John W. "Alternatives for Assuring that Communities and Users Receive Adequate Service." Proceedings of the Federal-State Workshop on Motor Carrier Regulation. Sponsored by the Interstate Commerce Commission, October 22-24, 1979. Washington, D.C.: Government Printing Office, 1980, 34-36.

Fuller, John W. "Findings of the National Transportation Policy Study Commission." Proceedings of the Eighty-Third Annual Meeting, Homewood, IL: American Association of Railroad Superintendents, 1979, 94-104.

Fuller, John W. "Transportation Policy: Evolution and Prospects." Transportation Unlimited. Papers presented at annual meeting, Transportation Division, Special Libraries Association, June 13-14, 1978, Kansas City, Mo. Ed. by J.K. Webster, Buffalo, New York: Transportation Division, 1978, 1-13.

Fuller, John W. "Second Generation State Rail Planning." Proceedings of the Regional Rail Planning Seminars, Fall 1976. Washington, D.C.: Federal Railroad Administration, U.S. Department of Transportation, and Council of State Governments, 1977, 103-104. (Distributed by National Technical Information Service, FRA-RFA-7701).

Boske, Leigh B., and John W. Fuller. "Initial Experience with Railroad Planning and the Development of a Rail Planning Manual for the States." Proceedings of the 1975 National Rail Planning Conference. Washington, D.C.: U.S. Government Printing Office, 1975, 54-62.

Fuller, John W. "Wisconsin Gears for the Pedaling Public." Western Builder. March 1, 1973, 64-65.

Fuller, John W. Review of Selected Information for Milwaukee and Vicinity from the 1967 and 1963 Censuses of Transportation. Madison, WI: Wisconsin Department of Transportation, 1970.

Fuller, John W. Review of Selected Wisconsin State Information from the 1967 and 1963 Censuses of Transportation. Madison, WI: Wisconsin Department of Transportation, 1970.

Fuller, John W. "Current Issues in the Regulation of Motor Vehicle Sizes and Weights." Congressional Record, CXIV, No. 124 (July 18-29, 1968), E 6622-6624, E 6856-6865, E 7014-7017, E 6839-6850, H 7450-7464, H 7769-7778.

Fuller, John W. Transportation in the Western Forest Products Industry. San Francisco: Western Highway Institute, 1967.

Fuller, John W. Transportation in the Western Livestock Industry. San Francisco: Western Highway Institute, 1967.

Smith, Edward N., and John W. Fuller. Twenty Years Later: Postwar Employment Trends in the West. Regional Report No. 8. San Francisco: U.S. Department of Labor, Bureau of Labor Statistics, 1965.

## ANONYMOUS GOVERNMENT REPORTS

Author or co-author of the following: Transportation Statistics Annual Report, 1995. Washington, D.C.: U.S. Department of Transportation, 1996. North American Transportation, Statistics on Canadian, Mexican and United States Transportation. Washington, D.C.: U.S. Department of Transportation, 1994. Transportation Statistics Annual Report, 1994. Washington, D.C.: U.S. Department of Transportation, 1994. Iowa Housing Prospects for the 80s. Iowa City, IA: Prepared for the Iowa Office for Planning and Programming. Institute of Urban and Regional Research, 1982. National Transportation Policies Through the Year 2000. Washington, D.C.: U.S. Government Printing Office, 1979 (and various commission working papers). The Wisconsin State Rail Plan. Madison, WI: Wisconsin Department of Transportation, 1976.

Major contributor to : Bureau of Transportation Statistics. Transportation Statistics Annual Reports 1996, 1997, 1998, 1999, 2013. Washington, D.C.: U.S. Government Printing Office, various dates. Two Decades of Change in Transportation, Reflections from Transportation Statistics Annual Reports, 1994-2014 (2015).

Major presentations: “Role of the Federal Government in Solving Transportation Corridor Capacity Issues,” Rail Capacity Planning Conference sponsored by Railway Age (Chicago, June 2002). “Measuring Transportation Productivity,” Midwest Economics Association (Chicago, March 1996).