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EDUCATION: BCE in Civil Engineering, City University of New York, 1963

MS, Urban and Regional Planning Program,
Civil Engineering Department,
Northwestern University, 1965

Ph.D., Urban and Regional Planning Program,
Civil Engineering Department,
Northwestern University, 1967

PRIOR EMPLOYMENT:

Jan. 2006 - Dec. 2010 Director, Transportation, Space and Technology Program
The RAND Corporation, Santa Monica, CA

July 1996 – Dec. 2005 Professor of City & Regional Planning and Civil & Environmental
Engineering, University of California, Berkeley (Director,
University of California Transportation Center, 1996-1999;
Director Institute of Transportation Studies, 1999-2005)

July 1976 - June 1996 Professor, Department of Urban Planning, University of California,
Los Angeles (Head, Urban Planning Program, 1975-76, 1981-83,
and 1987-1989; Director, Institute of Transportation Studies, 1993
- 1996)

July 1971 - June 1976 Associate Professor, Urban Planning Program
University of California, Los Angeles

June 1970 - August 1971 Assistant Professor, Civil Engineering Department
Northwestern University

April 1969 - June 1970 Assistant Professor, Department of Systems Engineering,
University of Illinois at Chicago

MILITARY SERVICE

June 1967 - March 1969 Captain, U.S. Army Ordnance Corps
Aberdeen Proving Ground, Maryland

HONORS, AWARDS, AND FELLOWSHIPS:

Pyke Johnson Award for the best paper in the area of transportation planning and environment at the 98th Annual Meeting of the Transportation Research Board, 2019.

Outstanding Environmental Resource Document Award for the report: “The Statewide Advance Mitigation Funding and Financial Strategies Study and Publications,” Shared with co-authors from the University of California, Davis, Conservation Clarity, Presented by the California Association of Environmental Professionals, March, 2018.

Transportation Thought Leader Award, Eno Center for Transportation, June 2017.

Edward A. Dickson Award for Distinguished Accomplishments by a University of California Emeritus Professor, UCLA Emeriti Association, May 2017.

Samuel J. Lefrak Distinguished Lecturer, School of Architecture and Planning, University of Maryland, November 2013.

Distinguished Transportation Researcher Award, Transportation Research Forum, March 2011

Thomas B. Deen Distinguished Lecturer at the Annual Meeting of the Transportation Research Board, January 2010.

RAND Corporation “President’s Award,” February 2009.

Israel Pollock Distinguished Lecturer, The Technion - Israel Institute of Technology, May 2008

Distinguished Educator Award, Association of Collegiate Schools of Planning, 2006

“Member-of-the-Year,” San Francisco Bay Area Chapter, Women’s Transportation Seminar, 2006

Sigma Xi Distinguished Lecturer of the National Society of Sigma Xi, 2004-2006

William Carey Award for Service to the Transportation Research Board, Presented at the Annual Meeting of the Transportation Research Board, January 2003

Distinguished Educator Award of the Council of University Transportation Centers, Presented January 2003

Journal of the American Planning Association Award for Best Paper Published in Volume 67 (2001)

Roy W. Carlson Distinguished Professorship of Civil and Environmental Engineering, University of California Berkeley, July 2001 - June 2004.

National Associate of the National Academies (National Academy of Sciences, National Academy of Engineering, National Institutes of Medicine), Lifetime Appointment, December 2001

Best Graduate Advisor Award, Department of City and Regional Planning, University of California, Berkeley, May 1999, May 2001, May 2002

Best Professor Award, Department of City & Regional Planning, University of California, Berkeley, May 1998, May 1999, May 2001

Best Seminar Professor Award, Department of City & Regional Planning, University of California, Berkeley, May 1997

Daniel L. and Irma Evans Lecturer, Department of Civil Engineering, University of Washington, Seattle, May 1997.

Reuben Smeed Lecturer, University College London, England, May 1993.

American Council on Education Fellow, Academic Year 1992-3; Intern to President John B. Slaughter, Occidental College.

Albert Alberman Visiting Professor, Faculty of Architecture and Town Planning and Transportation Research Institute, Technion-Israel Institute of Technology, Spring 1987.

Planning Educator of the Year, 1986; California Planning Foundation, November, 1986.

UCLA Alumni Association Distinguished Teaching Award, June 1986.

Rockefeller Foundation Gender Roles Fellowship for a study on the "Effects of the Automobile on Social Relations Between Men and Women," 1986-87.

Visiting Distinguished Professorship, Department of Urban Planning and Policy Development, Rutgers University, 1983-84.

Award for Special Contributions to Minority Students at UCLA, Minority Association of Planners and Architects, June 1983.

Dean's Award for Excellence in Teaching, UCLA School of Architecture and Urban Planning, 1980.

Rockefeller Foundation Humanities Fellowship for study of "Ethical Dilemmas in Forecasting for Public Policy," Academic Year 1980-81.

John S. Guggenheim Fellowship for study abroad during sabbatical year 1977-78.

Visiting Research Fellow: Transport Studies Unit, Oxford University, England, academic year 1977-78.

Pyke Johnson Award for the best paper in the area of transportation systems planning and administration at the 55th Annual Meeting of the Transportation Research Board, 1976.

Engineering Alumni Association Award, Outstanding Civil Engineering Graduate, City University of New York, 1963.

SELECTED ACADEMIC ADMINISTRATIVE ASSIGNMENTS:

Head, UCLA Urban Planning Program
Chair, Urban Planning Program Staffing Committee
Chair, Urban Planning Program Curriculum Committee
Chair, Urban Planning Program Financial Aid Committee
Member, Academic Senate Research Committee
Member, Academic Senate Committee on Committees
Member, UCLA Chancellor's Task Force on Public Policy
Member, UCLA Committee on Public Policy
Member, Academic Senate Council on Planning and Budget
Chair, Planning Accreditation Site Visit Teams
Chair, Visiting Team to Evaluate Academic Programs at five universities
Chair, Faculty Executive Committee, UCLA School of Public Policy and Social Research
Director, University of California Transportation Center
Member, Faculty Welfare Committee, UC-Berkeley
Director, Institute of Transportation Studies, UCLA
Director, Institute of Transportation Studies, UC-Berkeley

CURRENT MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Planning Association
Transportation Research Board
Women's Transportation Seminar
American Society of Civil Engineers, Life Member

MEMBERSHIP IN HONORARY SOCIETIES:

Chi Epsilon, National Civil Engineering Honor Society (elected as undergraduate, President of CCNY Chapter, 1962-63)

Sigma Xi (elected to membership, 1966)

Cosmos Club (elected to membership, 2003)

EDITORIAL SERVICE WITH PROFESSIONAL JOURNALS:

Transportation

Associate Editor (1971-1977)

Member, Editorial Advisory Board (1971-2015)

Guest Editor: Special Issue on Transit Subsidy Policy, Vol. 9, No. 4, (December 1980).

Guest Editor: Special Issue on Transportation Demand Management, Vol. 17, No. 2 (1990)

Journal of Planning Education and Research

Member, Editorial Advisory Board (1989-2010)

Journal of the American Planning Association

Member, Editorial Advisory Board (1975-1983, 1995-2000)

Guest Editor: Symposium Issue on "Emerging Themes in Transportation Planning," Vol. 48, No. 3 (Summer 1982)

Specialized Transportation Planning and Practice

Member, Editorial Advisory Board (1980-1983).

Center for Urban Policy Research, Rutgers University

Member, Editorial Advisory Board (1990- 1996)

Transport Policy

Member, Editorial Advisory Board (1993-2000)

International Planning Studies

Member, Editorial Advisory Board (1994-1998)

Journal of Transportation and Statistics

Member, Editorial Advisory Board (1997-2006)

Public Works Management & Policy

Member, Editorial Advisory Board (2007-)

PROFESSIONAL AND CIVIC ACTIVITIES

Korea Association of Planners

Juror in the international competition to design a new multimodal transit terminal in Guangnam, Seoul, Korea (2017).

Los Angeles Metropolitan Transportation Authority (METRO)

Member, Advisory Counsel for the Program on Extraordinary Innovation (2016 -)
Chair, Private Sector Advisory Council on Proposition C Guidelines (1991)

Port Authority of New York and New Jersey

Chairman, International Jury for the Design and Development Competition for a new
Port Authority Bus Terminal (2016)

Center for the Study of the American Presidency and Congress

Committee for the Study “Transportation Challenges Facing the New Administration”
(2008-09)

Bi-Partisan Policy Center, Washington, D.C.

Member, Commission on the Future of Transportation Policy (2007- 2011)

Automobile Club of Southern California

Member, Mobility Advisory Committee (2002-2004)

World Business Council for Sustainable Development

Member, Assurance Group, (2002- 2005)

State Of California

Member, California Department of Transportation Advisory Committee on Research and
Development (1997 – 2005)

Member, Commission on Transportation Investment (1995)

Member, Older Adults and Traffic Safety Task Force of California (2001-2002)

Member, Technical Advisory Committee, California Road User Charge Task Force,
California Transportation Commission (2014 -)

Member, Peer Review Group, California High Speed Rail Authority (2015 -)

U.S. Department Of Transportation

Chair, Transportation Model Improvement Program Review Board (1993-1996)
Member, Transportation Model Improvement Program Review Board (1997)

Western Regional Leadership Institute

Member, Steering Committee (1990-1993)

South Coast Air Quality Management District

Member, Advisory Council (1991-1993)
Member, Trip Reduction Program Advisory Committee (1987-1993)
Member, Coordinator Training Program Advisory Committee (1988-1990)

Los Angeles Commuter Computer

Member, Board of Directors (1978-1994)
Member, Executive Committee (1979-1981)
Member, Nominating Committee (1982-1983)
Member, Audit Committee (1979-1981)
Chairman, Public Policy Committee (1985-1990)

City of Los Angeles

Member, Parking Management Study Steering Committee (1976-1977)

Member, Los Angeles Transit Law Enforcement Policy Task Force
(1985-1987)

Institute Of Transportation Studies: University Of California

Director (1998- 2005)
Member, Advisory Council (1974-1980)
Member, Executive Committee (1981-1983; 1985-1989)

Transportation Research Board: A Division of the National Research Council, National Academy of Sciences, National Academy of Engineering

Chairman (2000)
Vice Chairman (1999)

Member, Executive Committee (1995- 2002)

Chair, Sub-committee on Planning and Policy Review (2001- 2002)

Member, Committee on Community Values (1969-1970)

Member, Committee on Transportation Systems Design (1970-1977)

Member, Task Force on Identification of Community Values in Transportation (1970-1973)

Member, Task Force on Computer Graphics in Transportation Planning (1972-1975)

Member, Committee on Transportation Disadvantaged (1976-1982)

University Representative for UCLA (1978-1996)

Member, Committee on Urban Activity Systems (1980-1984)

Member, Committee for the Study on Improving Safety and Mobility for Older Persons (1986-1988)

Member, Committee on Traveler Behavior and Values (1990-1995)

Member, Committee for the Conference on Transportation, Land Use, and Environment (1990-91)

Chair, Committee for the Study of Congestion Pricing (1992-1994)

Member, Committee on National Data Needs and Requirements (1998 -)

Member, Steering Committee for a Conference on Transportation in an Aging Society: A Decade of Experience (1998-)

Member, Committee on National Research Council Oversight (1999-)

Chair, Committee for the Study on Evaluating the Congestion Management Air Quality Program (1999-2002)

Member, Committee for the Study on the Adequacy of Motor Vehicle Fuel Taxation for Future Transportation Finance (2001-2004)

Chair, Committee for the Study on the Current State of the Practice of Travel Demand Models (2005-2007)

Member, Steering Committee for the Fourth International Conference on Women's Travel Issues (2009 – 2011)

Member, Planning Committee for the International Conference on Transportation Finance (2012-2014)

Chair, Committee for a Study of Intercity Passenger Travel Issues and Opportunities in Short-haul Markets (2012- 2016)

Member, Committee on Transportation History, (2010 -) and Chair (2012 - 2015)

Natural Resources Defense Council

Member, Transportation Advisory Council (1991-1998)

University of California Transportation Center

Member, Steering Committee (1989-1996, 1999-2005)
Director (1996-1998)

American Academy of Arts and Sciences

Member, Committee on Public Policy and the Future of the Automobile in the Urban Environment (1991-1993)

American Institute of Certified Planners

Member, Ethics Committee (1985-1994)
University Liaison for UCLA (1987-1996)
Member, Ethics Code Revision Committee (2002-2003)

American Planning Association

Member, Executive Committee of Transportation Planning Division (1974-1976)
Chairman, Committee on Transportation Needs of the Disadvantaged (1974-1976)
Member, Nominating Committee of the Transportation Planning Division (1988)

Argonne National Laboratory

Member, Review Committee of the Energy and Environmental Studies Division (1973-1976)

Urban Innovations Group: A not-for-profit professional practice arm of the UCLA Graduate School of Architecture and Urban Planning

Member, Board of Directors (1972-1980; 1985-1994)
Secretary (1979-1980)
Treasurer (1973-1975)

Architects, Designers, and Planners For Social Responsibility

Member, Advisory Board (1980-1995)

CONSULTING:

Sepulveda Mobility Partners (joint venture of WSP and HNTB), (2018 -). Senior Project Advisor.

CDM Smith and Company (2014 -2015). Consultant to project developing the regional transportation plan for the Puget Sound Regional Council (Seattle).

Parsons, Brinkerhoff, Quade, and Douglas (2014 - 2016). Development of techniques for incorporating equity into analysis of a regional network of High Occupancy Toll (HOT) Lanes for the Southern California Association of Governments.

Century City Center (2012-13). Advise on transportation demand management and transportation system management with respect to a proposed office building project.

American Automobile Association (2003-2005). Advise on national transportation policy and train senior staff on national transportation finance policy.

Cambridge Systematics, Inc. (2006). Transportation finance.

Valley Transportation Authority, Santa Clara, CA (2005). Expert testimony on contracting out of transit services in hearing regarding a union grievance.

Federal Highway Administration (2004). Course instructor on “Transportation Asset Management.”

Volvo Foundations (2002), Reviewer of proposals for research funding.

ICF, Incorporated, Fairfax, VA (2002-2005), Planning for research on providing highway capacity and transportation finance for metropolitan planning organizations.

Strategic Planning Group, Department of Infrastructure, State of Victoria, Australia (2001-02). Development of a regional infrastructure plan for Melbourne.

Warren Centre for Advanced Engineering, University of Sydney, Australia (1999-2001). Development of a sustainable transport plan for Sydney.

U.S. Department of Justice, Civil Rights Division, Housing and Civil Enforcement Section, Washington, D.C. (1999). Racial discrimination in the provision of public transit.

Daimler Benz Corporation of North America, Inc. (May 1997). Review of current transportation policy for staff.

City of Charlotte, North Carolina, Department of Transportation (1997). Evaluation of alternative transportation plans for Charlotte.

Eric N. Schreffler Transportation Planning Consulting (1997). Development of a methodology to evaluate the impacts of California Senate Bill 836 on air quality in the South Coast Air Basin.

NAACP Legal Defense and Education Fund (1994-96). Expert testimony on impacts of transit fare increases on low income and minority bus riders in Los Angeles.

Maguire-Thomas Partners (1996). Parking and traffic generation for the Playa Vista project.

SAIC International (1993). Relationships between transportation and air quality.

Kaiser Permanente Health Plan of Southern California (1990-91). Commuting patterns of Kaiser Permanente employees.

Ryan Snyder and Associates (1991). Bicycle plan for Los Angeles County.

The McGregor Company (1991-93). Transportation demand management planning for the renovation of the Twentieth Century Fox movie studio in Los Angeles.

United States District Court, Northern District of California, Special Master for Judge Thelton E. Henderson in the case of "Citizens for a Better Environment versus Dukmejian/Sierra Club versus the Metropolitan Transportation Commission (1990-1994).

Stanley R. Hoffman and Associates (1990), Transportation demand management program for San Bernardino County.

Automobile Show of Los Angeles (1990), Attitude survey of Auto Show visitors toward transportation policy options.

City of South Pasadena, CA., (1989-92). Possible completion of the Long Beach Freeway (I-710) through South Pasadena.

Cordoba Corporation (1987), Paratransit service consolidation and coordination.

Western Center on Law and Poverty, Inc. (1987, 1991-92). Testimony as an expert witness on transportation requirements of general relief recipients in Orange, Los Angeles, and San Bernardino Counties.

Malibu Township Council (1984-85). Consultant on traffic and land development.

The Urban Institute, Washington, D.C. (1983-84). Consultant on urban transportation planning research.

Transportation Research Board (1981-82). Consultant on the organization of the conference "Urban Transportation Planning in the 1980's" held at Airlie House, VA, November 1981.

Transportation and Urban Analysis Department, General Motors Research Laboratories, Warren, Michigan (1976-1982). Travel demand modeling, measures of accessibility, transit market segmentation, transportation finance policy issues, patterns of automobile ownership and use.

Gruen Associates, Los Angeles, California (1974-1977); Social, economic, and environmental impacts of the Bay Area Rapid Transit(BART) system.

Atlantic Richfield Petroleum Company, Los Angeles, California (1974-1976). Technical Advisor, publications on transportation policy.

Technical Analysis Division, National Bureau of Standards, U.S. Department of Commerce, Washington, D.C. (1971-1974). Evaluation of express bus operations on the Shirley Highway Corridor, Washington, D.C.

Environmental and Data Systems Program, Technology Service Corporation, Santa Monica, California (1972-1974). Transportation and environmental planning.

Transportation and Environmental Operations of TRW, Inc., Redondo Beach, California (1973). Short range transit planning requirements; social and economic consequences of air quality control strategies.

Herbert G. Poertner, Engineering Research Consultant, Hinsdale, Illinois (1971). Research on "Impact of Civil Engineering Projects on Society."

Lincolnshire Citizens' Association, Waukegan, Illinois (1971). Computed traffic impacts of a proposed commercial and office development in the community of Lincolnshire, Illinois, and presented testimony in a zoning suit in the Superior Court of Lake County, Illinois.

Argonne National Laboratories, Argonne Illinois (1971). Development of the transportation component of a Midwest Regional Environmental Model Research study design.

Barton-Aschman and Associates, Planning Consultants, Chicago, Illinois (1969-70). Urban transportation analysis and planning.

Geographic Applications Branch, U.S. Geological Survey, Washington, D.C. (1969). Review and modification of a five-year program for the utilization of remote sensing of the environment in urban planning applications.

U.S. Army Material Systems Analysis Agency, Aberdeen Proving Ground, Maryland (1969). development of logistic vehicle evaluation methodologies.

PUBLICATIONS

Books

M. Garrett and M. Wachs. **Transportation Planning on Trial: The Clean Air Act and Travel Forecasting**. Sage Publications, 1996.

M. Wachs and M. Crawford, with S. Wirka and T. Rikala eds. **The Car and the City: The Automobile, the Built Environment, and Daily Urban Life**, University of Michigan Press, 1992 .

M. Wachs, editor. **Ethics in Planning**. New Brunswick: Center for Urban Policy Research, Rutgers University, 1985.

M. Wachs. **Transportation for the Elderly: Changing Lifestyles-Changing Needs**. Berkeley: University of California Press, 1979.

Refereed Journal Articles

H. King and M. Wachs. “Centuries of Ballot-Box Transportation Planning in Los Angeles,” Forthcoming in **Transportation Research Record: The Journal of the Transportation Research Board**, 2020.

J. Lederman, A. Brown, B. D. Taylor, and M. Wachs. “Voting for Transport: Analyzing Voter Support for Local Option Sales Taxes for Transportation,” Forthcoming in **Transportation**, 2020.
[HTTPS://DOI.ORG/10.1007/S11116-020-10123](https://doi.org/10.1007/S11116-020-10123)

A. Schouten, E. Blumenberg, M. Pinski, and M. Wachs. "Physical Accessibility and Employment among Seniors in California," Forthcoming in **Transportation Research Record: The Journal of the Transportation Research Board**, (2019).
<https://doi.org/10.1177/0361198119860488>

A. Loukaitou-Sideris, M. Wachs, and M. Pinski. “Toward a Richer Picture of the Mobility Needs of Older Americans,” **Journal of the American Planning Association**, Vol. 85, No. 4 (2019), pp. 482-500. DOI: [10.1080/01944363.2019.1630295](https://doi.org/10.1080/01944363.2019.1630295)

D. Knopman, M. Wachs, B. Miller, S. Davis, and K Pfrommer, “Renewing America’s Infrastructure: An Agenda for Federal Transportation and Water Policy, **Public Works Management and Policy**, Vol. 23 No. 4 (October 2018), pp. 310-323.
<https://doi.org/10.1177/1087724X18789703>

J. Lederman, A. Brown, B. D. Taylor, and M. Wachs, “Lessons Learned from 40 Years of Local Option Transportation Sales Taxes in California.” **Transportation Research Record: The Journal of the Transportation Research Board**, No. 2672 (2018), pp. 13-22.
<https://doi.org/10.1177/0361198118782757>

Lederman, J., Brown, A., Taylor, B. D., & Wachs, M. (2018). Arguing over Transportation Sales Taxes: An Analysis of Equity Debates in Transportation Ballot

Measures. **Urban Affairs Review**. Volume: 2672, Issue: 4, pp. 13-22.
<https://doi.org/10.1177/1078087418805586>

M. Wachs. "A New Port Authority Bus Terminal in New York: The First Steps of a Long Journey," **TR News**, No. 312 (November-December 2017), pp. 3-9.
<http://onlinepubs.trb.org/onlinepubs/trnews/trnews312toc.pdf>

A. Brown, M. Garrett, and M. Wachs, "Assessing the California Fuel Tax Swap of 2010," **Transportation Research Record: The Journal of the Transportation Research Board**, No. 2670 (2017), pp. 16-23.

A. Brown, B. D. Taylor, and M. Wachs. "The Boy Who Cried Wolf? Media Messaging and Traveler Responses to 'Carmageddon' in Los Angeles," **Public Works Management and Policy**, Vol. 22, No. 3 (July, 2017), pp. 275-293.
<http://journals.sagepub.com/doi/full/10.1177/1087724X16643544>

E. Frankel and M. Wachs, "More than Money: Infrastructure and Governance," **Public Works Management and Policy**, Vol. 22, No. 1 (January 2017), pp. 6-11.
<http://journals.sagepub.com/doi/full/10.1177/1087724X16667728>

M. Garrett, A. Brown, and M. Wachs, "Funding Transportation in California: A History of Crises," **California Journal of Politics and Policy**, Vol. 8, No. 4 (2016), 24 pp.
<http://escholarship.org/uc/item/80z056t7#page-1>

J. Lederman and M. Wachs, "The Growing Role of Transportation Funding in Regional Habitat Conservation Planning," **Journal of the American Planning Association**, Vol. 82, No. 4 (2016), pp. 350-362.
<http://dx.doi.org/10.1080/01944363.2016.1214079>.

M. Wachs, "Becoming a Reflective Educator," **Journal of the American Planning Association**, Vol. 82, No 4 (2016), pp. 363-370.

G.C Sciara, J. Bjorkman, J.Lederman, M. Wachs, J. Thorne, and S. Kirkham, "Experimentation and Innovation in Advance Mitigation: Lessons from California," **Transportation Research Record: The Journal of the Transportation Research Board**, No. 2502 (2015), pp. 144-153.

J. Lederman and M. Wachs. "Habitat Conservation Plans: Preserving Endangered Species and Delivering Transportation Projects," **Transportation Research Record: The Journal of the Transportation Research Board**, No. 2403 (2014), pp. 9-16.

M. Wachs, "Turning Cities Inside Out: Transportation and the Resurgence of Downtowns in North America," **Transportation**, Vol. 40, No. 6 (November 2013), pp. 1159-1172.

P. Sorensen, L. Ecola, and M. Wachs, "Emerging Strategies to Reduce Costs and Increase Public Acceptance of Mileage-Based User Fees," **Transportation Research Record: The Journal of the Transportation Research Board**, No. 2345 (2013), pp. 31-38.

K. Crane, N. Burger, and M. Wachs. "Putting a Tax on Oil," **Public Works Management and Policy**, Vol. 17 (July 2012), pp. 256-282.

M. Wachs. "Transportation Policy, Poverty, and Sustainability: History and Future," The Thomas B. Deen Distinguished Lecture, **Transportation Research Record: The Journal of the Transportation Research Board**, No. 2163 (2010), pp. 3-12.

S. Hajiamiri and M. Wachs. "Hybrid Electric Vehicles and Implications for Transportation Finance," **Public Works Management and Policy**, Vol. 15, No. 2 (October 2010), pp. 121-135.

M. Wachs. "After the Motor Fuel Tax: Reshaping Transportation Financing." **Issues in Science and Technology**, Vol. XXV, No. 4 (Summer 2009), pp. 85-88.

C. Cherry, M. Wachs, and A. Loukaitou-Sideris. "Subway Station Design: Lessons Learned from Case Studies of Contemporary Terrorism Incidents," **Journal of Architectural and Planning Research**, Vol. 25, No. 1 (Spring 2008), pp. 76-90.

G. C. Sciara and M. Wachs. "Metropolitan Transportation Funding: Prospects, Progress, and Practical Considerations." **Public Works Management & Policy**, Vol. 12, No. 1 (July, 2007), pp. 378-394.

R. Hannay and M. Wachs. "Factors Influencing Support for Local Transportation Sales Tax Measures," **Transportation**, Vol. 34 (January 2007), pp. 17-35.

A. Crabbe, R. Hiatt, S. D. Poliwka, and M. Wachs. "Local Transportation Sales Taxes: California's Experiment in Transportation Finance," **Public Budgeting & Finance**, Vol. 25, No. 3 (Fall, 2005), pp. 91-121.

Ann Brach and Martin Wachs. "Earmarking in US Department of Transportation Research Programs," **Transportation Research A**, Volume 39, No. 6 (July 2005), pp. 501-521.

J. Li and M. Wachs. "The Effects of Federal Transit Subsidy Policy on Transit Investment Decisions: The Case of San Francisco's Geary Corridor," **Transportation**, Vol. 31, No. 1 (2004), pp. 43-67.

M. Wachs. "Commentary: A Dozen Reasons To Raise the Gas Tax," **Public Works Management & Policy**, Vol. 7, No. 4 (April 2003), pp. 235-242; reprinted in **State Tax Notes**. Vol. 29, No. 12 (September 11, 2003), pp. 849-853.

T. Goldman and M. Wachs. "A Quiet Revolution in Transportation Finance," **Transportation Quarterly**, Vol. 57, No. 1 (Winter 2003), pp. 19-32.

M. Wachs. "Fighting Traffic Congestion with Information Technology," **Issues in Science and Technology**, Vol. XIX, No. 1 (Fall 2002), pp. 43-50.

M. Wachs. "Forecasting vs. Envisioning: A New Window on the Future," **Journal of the American Planning Association**, Vol. 67, No. 4 (Autumn 2001), pp. 367 - 372.

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J. Li and M. Wachs. "A Test of Improved Transit Performance Measures," **Transportation**, Vol. 27, No. 3 (Summer 2000), pp. 243-267.

M. C. Hill, B. D. Taylor, and M. Wachs. "Assessing the Need for Highways," **Transportation Quarterly**, Vol. 54, No. 2 (Spring 2000), pp. 93-103.

J. Ang-Olson, M. Wachs, and B. Taylor. "Variable State Gasoline Taxes," **Transportation Quarterly**, Vol. 54, No. 1 (Winter 2000), pp. 55-58.

J. Dill, T. Goldman and M. Wachs. "California Vehicle License Fees: Incidence and Equity," **The Journal of Transportation and Statistics**, Vol. 2, No. 2 (1999), pp. 133-147.

W. Jia and M. Wachs. "Parking Requirements and Housing Affordability: A Case Study of San Francisco," **Transportation Research Record**, No. 1685 (1999), pp. 156-160.

W. S. McCullough, B. D. Taylor, and M. Wachs. "Transit Service Contracting and Cost Efficiency," **Transportation Research Record**, No. 1618 (1998), pp. 69-77.

N. Levine and M. Wachs. "Factors Affecting Vehicle Occupancy Measurement," **Transportation Research**, A, Vol. 32, No. 3 (1998), pp. 215-229.

M. Wachs and B. Taylor. "Can Transportation Strategies Help Meet the Welfare Challenge?" **Journal of the American Planning Association**, Vol. 64, No.1 (Winter 1998), pp. 15-19.

M. Wachs. "The Case for Practitioner Faculty," **Journal of Planning Education and Research**, Vol. 13, No. 4 (Summer 1994), pp. 290-296.

M. Wachs, B. Taylor, N. Levine, and P. Ong. "The Changing Commute: A Case Study of the Jobs/Housing Relationship Over Time," **Urban Studies**, Vol. 30, No. 10 (December 1993), pp. 1711-1729.

M. Wachs. "Learning From Los Angeles: Transport, Urban Form, and Air Quality," (The 7th Rueben Smeed Lecture), **Transportation**, Vol. 20, No. 4 (November 1993), pp. 327-354; reprinted in K. Button and P. Nijkamp, eds., **Classics in Planning: Transportation Planning**, Edward Elgar Publishing Company, 2007.

G. Giuliano, K. Hwang, and M. Wachs. "Employee Trip Reduction in Southern California: First Year Results," **Transportation Research A**, Vol. 27A, No. 2 (1993), pp. 125-137.

M. Wachs and G. Giuliano. "Employee Transportation Coordinators: A New Profession in Southern California," **Transportation Quarterly**, Vol. 46, No.3 (July, 1992), pp. 411-427.

M. Wachs. "Policy Implications of Recent Behavioral Research in Transportation Demand Management," **Journal of Planning Literature**, Vol. 5, No. 4 (May 1991), pp. 333-341.

- C. Blankson and M. Wachs. "Preliminary Evaluation of the Coastal Transportation Corridor Ordinance in Los Angeles," **Transportation Research Record**, No. 1280 (1990), pp. 39-45.
- M. Wachs. "Ethics and Advocacy in Forecasting for Public Policy," **Business and Professional Ethics Journal**, Vol. 9, No. 1 & 2 (Spring/Summer, 1990), pp. 141-157; Reprinted in Bent Flyvbjerg, editor, **Megaproject Planning and Management: Essential Readings**, Edward Elgar Publishers, 2014, Volume I, Chapter 22.
- M. Wachs. "Regulating Traffic by Controlling Land Use: The Southern California Experience", **Transportation**, Vol. 16, No. 3 (1989/90), pp. 241-256.
- Wachs, M. (1989). When Planners Lie with Numbers. **Journal of the American Planning Association**, Vol. 55, no.4, pp. 476-479.
- M. Wachs. "U.S. Transit Subsidy Policy: In Need of Reform," **Science**, Vol. 244 (June 30, 1989), pp. 1545-1549.
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