

Biographies

Asha Weinstein Agrawal

Asha Weinstein Agrawal is Assistant Professor and Acting Chair in the Urban and Regional Planning Department at San José State University. Her research and teaching interests in transportation policy and planning include transportation finance, pedestrian planning, and urban street design. She also works in the area of transportation history. Her recent publications include “How to Pay for Transportation? A Survey of Public Preferences in California,” with Jennifer Dill, in *Transport Policy*; “Unraveling Equity in HOT Lane Planning: A View from Practice,” with Gian-Claudia Sciara, in the *Journal of Planning Education and Research*; and “Congestion as a Cultural Construct: The ‘Congestion Evil’ in Boston in the 1890s and 1920s,” in the *Journal of Transport History*. Dr. Agrawal has a B.A. from Harvard University, an M.Sc. from the London School of Economics and Political Science, and a Ph.D. from the University of California at Berkeley.

Peter Albert

Peter Albert is the Deputy Director of Planning at the San Francisco Municipal Transportation Agency (SFMTA), where he oversees agency planning for all modes of transportation as well as the integration of land use and transportation planning built on partnerships with other agencies and transit providers. Mr. Albert returned to SFMTA in 2006 after seven years at the San Francisco Bay Area Rapid Transit District, where he managed station area planning and comprehensive planning for the San Francisco/West Bay portions of the District. He previously had spent two years at SFMTA developing the Countywide Transportation Plan. Before that, he had worked as an architect, urban designer and transportation planner for 11 years at the San Francisco Planning Department. Mr. Albert earned a Bachelor of Architecture degree from Cal Poly San Luis Obispo and a Masters of Urban and Regional Planning from San Jose State University in 1991.

Matthew Barth

Matthew Barth is Professor at UC Riverside in the Department of Engineering and the Director of the Center for Environment Research and Technology (CE-CERT). He received his B.S. degree in Electrical Engineering/ Computer Science from the University of Colorado in 1984, and M.S. (1985) and Ph.D. (1990) degrees in Electrical and Computer Engineering from the University of California, Santa Barbara. He joined the University of California-Riverside in 1991, conducting research in Electrical Engineering and at the Center for Environmental Research and Technology (CE-CERT), where he is currently director. Dr. Barth's research focuses on applying engineering system concepts and automation technology to Transportation Systems, and in particular how it relates to energy and air quality issues. He is a member of the Institute of Electrical and Electronic Engineers, Air and Waste Management Association, Transportation Research Board's Transportation and Air Quality Committee, and New Technology Committee, and ITS America's Energy and Environment Committee. He has also served on several National Research Council (NRC) committees. Current research interests include Intelligent Transportation Systems, Transportation Emissions Modeling, Vehicle Activity Analysis, Electric Vehicle Technology, and Advanced Sensing and Control.

Alison Berry

Alison Berry is Professor at UC Davis in the Department of Plant Sciences and is Director of the Road Ecology Center. The goal of the Road Ecology Center is to bring together researchers and policy makers from ecology and transportation to design sustainable transportation systems based on an understanding of the impact of roads on natural landscapes and human communities. Dr. Berry's long-term research program focuses on biological nitrogen fixation and ecosystem nitrogen cycling patterns. Her interest in road ecology is twofold: to examine the impacts of vehicle emissions on roadside vegetation including shifts to invasive species, and on the microbial communities associated with these plant communities, that may in turn be determinants of community composition.

Rajiv Bhatia

Rajiv Bhatia, MD, MPH is the Director of Occupational and Environmental Health for the San Francisco Department of Public Health and an Assistant Clinical Professor of Medicine at the University of California at San Francisco. After completing his medical training at Stanford University, he provided health care to medically underserved residents of San Francisco. This experience led him to understand and challenge the avoidable societal causes of poor health, such as neighborhood pollution, hazardous work, and unequal opportunity. His current position gives him the responsibility for developing, implementing, and evaluating San Francisco's occupational and environmental health policy. Under Dr. Bhatia's leadership, the City has broadened the scope of environmental health practice to focus on greening industry, improving employment conditions, designing healthy housing and neighborhoods, and ensuring urban food security. These efforts involve research and policy development and most importantly cooperation and collaboration with those outside the public health sector, including public agencies, universities, businesses, and community organizations. Dr. Bhatia has also pioneered the use of health impact assessment within the United States in order to inform policy makers of the potential health consequences of policy, plans, and projects. Dr. Bhatia teaches at the School of Public Health at the University of California at Berkeley and is a founding member of the Health and Social Justice Committee for the National Association of County and City Health Officials.

Evelyn Blumenberg

Evelyn Blumenberg is Associate Professor at UCLA in the Department of Urban Planning, where she teaches courses on planning history and theory, urban policy, gender and urban planning, and social policy. Blumenberg's research examines the effects of urban structure the spatial location of residents, employment, and services on economic outcomes for low-wage workers, and on the role of planning and policy in shaping the spatial structure of cities. She has investigated the relationship between the spatial structure of urban areas and economic equality; gender issues and U.S. local economic development planning; neighborhood economies and welfare dynamics; welfare recipients and the California labor market; and interagency-collaboration in the context of welfare reform. Her current research examines the role of transportation in facilitating the welfare-to-work transition and how institutions respond to major policy shifts such as welfare reform. She is currently conducting a statewide transportation needs assessment of welfare recipients and the poor for the California State Department of Transportation.

Marlon G. Boarnet

Marlon Boarnet is Professor at UC Irvine in the Department of Planning, Policy, and Design and Economics. From 2003 through 2006 he chaired that department. He has studied land use – travel behavior interactions, urban growth patterns, the economic impacts of transportation infrastructure, and economic development, and has been principal investigator on over a million dollars of funded research, supported by the U.S. and California Departments of Transportation, the U.S. Environmental Protection Agency, the California Policy Research Center, and the Robert Wood Johnson Foundation. Prof. Boarnet was ranked among the top ten most published planning scholars in North America for the years 1998 through 2002. He won the Fannie Mae Foundation Prize for best paper on housing and community development at the 2000 meetings of the Association of Collegiate Schools of Planning and a 1997 Best of ACSP Award. He is co-author, with Randall Crane, of *Travel by Design: The Influence of Urban Form on Travel* (Oxford University Press, 2001), a comprehensive assessment of the modeling and policy challenges inherent in linking urban design to transportation planning and is positioned as the reference monograph on the topic.

Prof. Boarnet edits the *Journal of Regional Science*, serves as an associate editor of the *Journal of the American Planning Association*, and is on the editorial boards of the *Journal of Planning Literature* and *Papers in Regional Science*. He is a member of the National Academy of Sciences/National Research Council Committee on Relationships Among Development Patterns, Vehicle Miles Traveled, and Energy Consumption and has served on the Transportation Research Board's Committee on Transportation and Economic Development. He has consulted for a number of organizations including the World Bank, the Bay Area Economic Forum, the Orange County Business Council, and the Urban Land Institute.

Bruce R. Butterworth

Bruce Butterworth is a Research Associate at the National Transportation Security Center at the Mineta Transportation Institute at California State University of San Jose. He has had a distinguished government career working at congressional, senior policy and operational levels. Between 1975 and 1980, as a professional staff member for the House Government Operations Committee, he ran investigations and hearings on many transportation safety issues, particularly in aviation. He spent 11 years in the US Department of Transportation, eight of them in the Office of the Secretary. He managed negotiations on the inclusion of air and maritime services in the GATT (now WTO), chaired U.S. delegations to United Nations committees, dealt with border inspection issues, and was part of the response to Pan Am 103.

Mr. Butterworth held two executive posts in aviation security at the FAA, and in both worked closely with Congress as the informal but primary liaison. He also worked closely with the National Security Council staff, the intelligence community, law enforcement agencies, and authorities of other nations. Mr. Butterworth was FAA's Director of Policy and Planning (1991-1995), establishing strategic, long-term and contingency plans, and federal rules. As Director of Operations (1995-2000) he was responsible for federal air marshals, hijacking response, and 900 field agents; he worked hard to improve security and the performance of security measures by US airports here and by US airlines everywhere. He ran the FAA's aviation command center, successfully managing the resolution of hijackings and security emergencies, and launched a successful program of dangerous goods regulation and cargo security after the 1995 ValuJet crash. He also oversaw the conversion of the air marshal program to a full-time program with high standards, was a key player in the ValuJet and TWA 800 accidents, and was a frequent media spokesperson. He was an associate director at the United States Holocaust Memorial Museum (2000-January 2003), responsible for security and building operations. He designed and implemented a "best practice" procedure to deal with mail possibly containing anthrax powder; and developed and conducted new, comprehensive emergency planning and exercises. Since January 2003, he has been one of two deputy directors in a 1,300 person Engineering Directorate at NASA's Goddard Space Flight Center, managing workforce planning, budgeting and all aspects of human capital management for complex robotics space missions, substantially reducing overhead and improving workplace safety there. Mr. Butterworth became an MTI research associate in 2006 and is the co-author with Brian Michael Jenkins of the MTI publication *Selective Screening of Rail Passengers*.

Mr. Butterworth received an MS from the London School of Economics in 1974 and a Bachelor of Arts degree from the University of the Pacific in 1972 (Magna cum Laude). He was a California State Scholar and a Rotary Foundation Fellow and has received numerous special achievement and performance awards.

Michael Cassidy

Michael Cassidy is Professor at UC Berkeley in the Department of Civil and Environmental Engineering and the Acting Director of Berkeley's Institute of Transportation Studies. He received a doctorate in Civil Engineering (majoring in Transportation Engineering) from the University of California, Berkeley. Before joining the Berkeley faculty, he served as an Assistant Professor in the School of Civil Engineering at Purdue University in West Lafayette, Indiana. He currently serves on the editorial advisory board for the journal *Transportation Research – Part B*, and is a member of the Transportation Research Board's Committee on Traffic Flow Theory. His research interests are in transportation operations, particularly in the areas of highway traffic flow and transit operations.

Robert Cervero

Robert Cervero is Professor and Chair at UC Berkeley in the Department of City and Regional Planning. He has authored numerous articles and research monographs on sustainable transportation policy and planning, including *Transit Oriented Development in the United States: Experiences, Challenges, and Prospects* (2004, National Academy Press) as well as six books, including *The Transit Metropolis* (Island Press, 1998); *Informal Transport in the Developing World* (UN Press, 2000); *Transit Villages for the 21st Century* (McGraw-Hill, 1997) and *Paratransit in America* (Praeger, 1997). He has been an advisor and consultant on transport projects in China, Colombia, Brazil, Ireland, and numerous U.S. cities. His current research includes studies on neighborhood impacts of freeway removal projects, travel behavior impacts of suburbanization in large Chinese cities, infrastructure decentralization in Indonesia, transit value capture in megacities of Asia, and trip degeneration impacts of transit-oriented development. In 2004, Professor Cervero was the first recipient of the Dale Prize for Excellence in Urban Planning Research and also won the 2003 Article of the Year award from the *Journal of the American Planning Association*. He serves on the editorial boards of *Urban Studies*, *Journal of the American Planning Association*, and *Journal of Public Transportation*. He chairs the National Advisory Committee of the Robert Wood Johnson Foundation Active Living Research Program and is a Fellow with the Urban Land Institute and World Bank Institute.

Karen Chapple

Karen Chapple is an Assistant Professor at UC Berkeley in the Department of City and Regional Planning where she also holds the Theodore Bo Lee and Doris Shoong Lee Chair in the Department of Environmental Design. Prof. Chapple specializes in community and economic development, metropolitan planning, and poverty and has published on workforce development in information technology, regional workforce development collaboratives, the relationship between job growth and housing price appreciation, and regional fair share housing programs. She has recently completed research projects on housing and transportation cost tradeoffs (for the Center on Housing Policy) and stable mixed-income neighborhoods. Her recent articles appear in the *Journal of the American Planning Association* (on spatial mismatch), and the *International Journal of Urban and Regional Research* (on the network society). She serves as co-editor of the *Journal of Planning Education and Research* and is on the board of *Economic Development Quarterly*.

Anastasios Chassiakos

Anastasios Chassiakos is Professor at California State University of Long Beach in the Department of Electrical Engineering and Computer Engineering/Computer Science, where he has served as Department Chair, Associate Dean, and Executive Director. From 1998 to 2001 he worked at the Chancellor's Office of the California State University as director of the California Pre-Doctoral Program. Dr. Chassiakos serves on the Executive Committee of the METRANS Transportation Center, on the Policy and Steering Committee of the Center for International Trade and Transportation, and as Technical Coordinator of the Center for Commercial Deployment of Transportation Technologies. During 1997-2000, he served on the IEEE committee on Intelligent Transportation Systems. Dr. Chassiakos has been a Principal Investigator on numerous research grants from Federal agencies, the State of California as well as private industry. In 1994 he was named Outstanding Professor of the year at the California State University, Long Beach, and in 1999, he was a co-recipient of the Norman Medal from the American Society of Civil Engineers.

Stuart Cohen

Stuart Cohen is co-founder and Executive Director of the Transportation and Land Use Coalition (TALC), a partnership of over 100 environmental, social justice, labor and community groups. TALC serves as an effective voice for sustainable and equitable transportation in the Bay Area by combining high-quality policy analysis with coalition building and strategic media campaigns. Mr. Cohen has helped lead a number of TALC's successful efforts, including the one dollar bridge toll increase to fund public transit, approved by the voters in March 2004. He also spearheaded the campaign to initiate the Bay Area's Smart Growth Strategy. He is the primary author of eight Coalition reports, including the 120-page *World Class Transit for the Bay Area*. Previously, Mr. Cohen worked with ICLEI-Local Governments for Sustainability on transportation issues. He received an MPP from the Goldman School of Public Policy at U.C. Berkeley.

Melanie Crotty

Melanie Crotty is the director of the Travel Coordination and Information Section at the Metropolitan Transportation Commission (MTC), the regional transportation planning, finance and coordinating agency for the nine-county San Francisco Bay Area. She has worked at MTC for 14 years. Her responsibilities include the delivery and operations of a variety of customer service projects, including the 511 traveler information program, the TransLink[®] transit smartcard program; the regional rideshare program; and the Vehicle Infrastructure Integration (VII) California testbed. Her group is also responsible for implementation of the Regional ITS Architecture, the regional marketing program, and regional transit connectivity services. Ms. Crotty currently serves on the ITS California Board of Directors and the USDOT VII Working Group. She received master degrees in transportation engineering and city planning from the University of California at Berkeley and a bachelor's of science degree in systems engineering from the University of Virginia.

James Cunradi

James Cunradi is a Manager of Special Projects and Programs at AC Transit and is currently the project leader for the agency's Bus Rapid Transit project in Berkeley, Oakland and San Leandro. He has worked at AC Transit since 1999, with assignments in long-range planning issues and project management. Previously, Mr. Cunradi was a senior transportation planner at Parsons Brinckerhoff in San Francisco. As a consultant, he worked on highway and transit projects throughout California.

Mr. Cunradi holds master degrees in transportation engineering and city planning from the University of California at Berkeley.

Elizabeth Deakin

Elizabeth Deakin is Professor at UC Berkeley in the Department of City and Regional Planning and the Director of the University of California Transportation Research Center. She also is an affiliated faculty member of the Energy and Resources Group and the Master of Urban Design group, and is co-director of the UC Berkeley Global Metropolitan Studies Initiative, which involves nearly 100 faculty members from 12 departments. Prof. Deakin's research focuses on transportation and land use policy and the environmental impacts of transportation. She has published over 100 articles, book chapters, and reports on topics ranging from environmental justice to transportation pricing to development exactions and impact fees. She currently is leading a project on priorities and benchmarks for state, regional and local strategic planning and state expenditures, funded by the Hewlett Foundation, and is beginning a study on the Northern California Megaregion in partnership with SPUR. She works in China with funding from the China Energy Foundation.

Prof. Deakin served as chair of the Congressionally-mandated National Academy of Sciences' Advisory Board on Surface Transportation-Environmental Research, which recommended a new transportation-environmental research program that was enacted into law in the SAFETEA-LU federal legislation. She has been active in a number of government posts including city and county transportation commissions and state advisory boards. Prof. Deakin holds degrees in transportation systems analysis and political science from MIT as well as a law degree from Boston College.

Rod Diridon

Rod Diridon, the son of an immigrant Italian railroad brakeman, is called the “father” of modern transit service in Silicon Valley. Raised in Dunsmuir, California, he worked his way through college on the railroad receiving a BS in accounting and MSBA in statistics from San Jose State University. His political career began in 1971 as the youngest person ever elected to the Saratoga City Council. He retired in 1995 because of term limits, after completing 20 years and six terms as chair of both the Santa Clara County Board of Supervisors and Transit Board. He is the only person to have chaired the San Francisco Bay Area’s (nine counties, 110 cities, 27 transit agencies) three regional governments: the Metropolitan Transportation Commission, the Bay Area Air Quality Management District, and the Association of Bay Area Governments. In 1992 he convened the “Bay Vision 20/20 Commission” to merge those regional bodies.

Mr. Diridon has chaired over one hundred international, national, state and local programs, most related to transit and the environment. He served, in 1992, as the chair of the American Public Transportation Association (APTA) and for five years as North American vice chair of the International Transit Association (UITP). In 1995 he chaired the National Research Council’s Transportation Research Board’s Transit Oversight and Project Selection Committee. He also founded and chaired the Transportation Research Board's study panel on "Combating Global Warming Through Sustainable Transportation Policy". He is frequently asked to provide advice to federal and state agencies, to give legislative testimony, and to participate in peer reviews.

Promoting international understanding, Mr. Diridon founded Sister County Commissions with the Province of Florence, Italy and Region of Moscow, Russia. He promoted the expansion of the County’s parks from under 500 acres to over 40,000 acres and co-chaired four parks funding campaigns during his tenure. He has provided sustainability keynotes, especially for high speed rail, in over 50 US cities and a dozen countries and published numerous related articles.

Alex Farrell

Alex Ferrell is Associate Professor at UC Berkeley in the Energy and Resources Group, and the Director of Transportation Sustainability Research Center. He has a degree in Systems Engineering from the U.S. Naval Academy, and he worked as an engineer in the Navy and in private industry. Prof. Ferrell received his Ph.D. in Energy Management and Policy from the University of Pennsylvania. For the last decade he has conducted research on energy and environmental policy and has published over two dozen peer-reviewed papers on those topics in journals such as Science, Environmental Science & Technology, and Energy Policy. He was co-director of two recent studies for the State of California: Managing Greenhouse Gases in California, and A Low Carbon Fuel Standard for California. He has served on advisory committees for the National Academy of Engineering and the National Science Foundation, and has consulted widely.

Kostas Goulias

Kostas Goulias is Professor at UC Santa Barbara in the Department of Geography. Dr. Goulias graduated from University of Calabria in Italy with a Laurea degree (BS & MS) in Civil Engineering and Territorial Planning. He received an MSCE from the University of Michigan and a PhD in Engineering from the University of California, Davis. In 1991 Dr. Goulias joined the faculty at Penn State University. He became director of a research program at the Pennsylvania Transportation Institute as well as director of a Center for Excellence in Intelligent Transportation Systems in 1997. In 2002, he was appointed director of the Mid-Atlantic Universities Transportation Center. He joined the University of California, Santa Barbara in 2004, and teaches at the undergraduate, graduate, and professional levels.

Dr Goulias has published over 160 journal articles and research reports, most in the area of quantitative transportation planning with emphasis on forecasting the demand for transportation services, impact simulation and policy analysis. He is working on the development of statistical-econometric and computer-based stochastic simulation methods and tools in a variety of application domains. He is active in the Transportation Research Board and other professional organizations and review boards.

Steve Gregory

Steve Gregory is a Senior Port Strategic Planner for the Port of Oakland, where he has worked for over seventeen years. He is responsible for assisting in planning for the continued growth and development of the Port's maritime, aviation and commercial real estate activities. At the Port, he has managed a wide variety of tasks, including master planning, site planning and project development. He currently spends a large part of his time identifying public funding opportunities and procuring funds for the Port's capital improvement programs. He represents the Port at the Alameda County Congestion Management Agency, the Metropolitan Transportation Commission and the Bay Area Partnership. He has participated on a number of state-level goods movement advisory committees and most recently has been involved with the Global Gateways Development Program, the California Goods Movement Action Plan, and in shaping of the State Infrastructure Bond Trade Corridor Improvement Fund.

Mr. Gregory previously worked as an airport planner at San Francisco International Airport, in pricing and international marketing at Southern Pacific Transportation Company, and as a transportation consultant. He holds a bachelor's degree in Analysis and Conservation of the Ecosystems from UCLA and an MBA, with specializations in International Management and Transportation Management, from U.C. Berkeley.

Peter J. Haas

Peter Haas is the Education Director and Research Associate at the National Transportation Security Center at the Mineta Transportation Institute at California State University of San Jose. A member of the faculty in MTI's Graduate Transportation Management Program (GTMP) since 1999, Dr. Peter Haas was appointed Education Director in 2001. He earned a Ph.D. in political science (public policy and public administration) from the University of North Carolina at Chapel Hill in 1985. A former director of the SJSU Master of Public Administration Program, he also has experience consulting at every level of government and for nonprofit agencies. Dr. Haas is the author of numerous reports and other publications in the field of transportation and is the co-author of the text Applied Policy Research: Concepts and Cases. A Fulbright scholar, he also regularly contributes to MTI research projects in various subject areas.

Richard Haggstrom

Richard Haggstrom is a Senior Transportation Engineer and Pedestrian Program Manager at Caltrans, where since 2001 he has specialized in pedestrian and bicycle safety and mobility. Mr. Haggstrom was instrumental in developing the California Blueprint for Walking and Bicycling, which was adopted by the Legislature in 2002. He played a major role in conducting the "3 Steps Can Save Lives" statewide pedestrian safety education campaign in 2004. He was project manager and editor of the Caltrans best practices guide, Pedestrian and Bicycle Facilities in California (July, 2005), and chaired the California Pedestrian Safety Task Force for four years until its dissolution in 2005, when all of its tasks had been accomplished. For this, he received the "Changing People, Saving Lives" award from the California Office of Traffic Safety. He currently serves as Co-Chair, Strategic Highway Safety Implementation Plan, Challenge Area 8 (pedestrian safety).

Mr. Haggstrom is registered in California as a Civil Engineer and Traffic Engineer. He previously served in Caltrans' Divisions of Local Assistance, Research and Innovation, and Traffic Operations. Before that he worked for Consolidated Railroad (Conrail) and the City of Los Angeles Department of Transportation (LADOT). He holds a B.A. in English Literature, an M.A. in Sociology, and a B.S. in Civil Engineering.

Leslee Hamilton

Leslee Hamilton is the Communications Director at the Mineta Transportation Institute at California State University of San Jose. A former Peace Corps Volunteer, Ms. Hamilton has extensive administrative and communications experience through her work with environmental organizations, on electoral campaigns, and as former Communications Director for San Jose Mayor Ron Gonzales. She has a BA in Business Economics from UC Santa Barbara. Ms. Hamilton is working to increase the exposure and use of MTI's research products. An avid outdoor enthusiast, she commutes to work by bicycle.

Susan Handy

Susan Handy is Professor at UC Davis in the Department of Environmental Science and Policy. She teaches in the Environmental Policy and Planning major and in the Transportation Technology and Policy Program. She is also the director of the Sustainable Transportation Center, part of the federal university transportation centers program. Her research focuses on the relationships between transportation and land use, including the impact of land use on travel behavior and the impact of transportation investments on land development patterns. In addition, her work is directed towards strategies for enhancing accessibility and reducing automobile dependence, including land use policies and telecommunications services. She has lately been involved in efforts to understand the link between the built environment and physical activity; these efforts are driven by a concern over growing levels of obesity in the U.S. and worldwide. She recently served on the Institute of Medicine Committee on the Prevention of Obesity in Children and Youth, and has given talks at several conferences in the last five years on these issues. She serves on the Committee on Land Development and Transportation, the Committee on Women's Transportation Issues and the Committee on Transportation Education of the Transportation Research Board and is currently the Chair of the latter committee. She received a B.S.E. in Civil Engineering from Princeton University (1984), an M.S. in Civil Engineering from Stanford University (1987), and Ph.D. in City and Regional Planning from the University of California at Berkeley (1992).

Robert Harley

Robert Harley is Professor at UC Berkeley in the Department of Civil and Environmental Engineering. He has been on the faculty since 1993. Professor Harley's research focuses on air quality and sustainable transportation. He is an author of over 50 papers published in peer-reviewed scientific journals. He holds a bachelor's degree in Engineering Science from the University of Toronto, and both M.S. and Ph.D. from the California Institute of Technology (Caltech).

John Harvey

John Harvey is Professor at UC Davis in the Department of Civil Engineering and a Research Engineer. He is Principal Investigator for the University of California Pavement Research Center, responsible for research and development of a wide range of pavement technology since 2000. He was co-Principal Investigator and project manager for the Caltrans Accelerated Pavement Testing Program from 1994 to 2000. From 1989 to 1993, Dr. Harvey worked on the Strategic Highway Research Program A-003A project to develop mechanistic based asphalt concrete laboratory tests and design procedures, with the intention of better integrating materials design with structural design. He is working with Caltrans, other agencies and industry performing research and development to extend mechanistic based materials and structural design methods, and to consider issues of life cycle cost and sustainability.

Dr. Harvey has extensive experience with pavement management, design, construction and materials. He has taught concrete and flexible pavement design and rehabilitation, and asphalt concrete materials courses at UC Davis and UC Berkeley for 10 years, and developed and taught technology transfer classes in concrete and asphalt concrete pavement materials, design, rehabilitation and construction in the United States, Europe, Africa and China. Dr. Harvey has published over 85 technical papers and over 85 technical reports. He has worked on projects for Caltrans, the World Bank, the Federal Government of Nigeria, the Federal Highway Administration, the Strategic Highway Research Program, several states, and a number of local pavement agencies.

Richard J. Jackson

Richard J. Jackson is Professor at UC Berkeley in the Department of Public Health. He has served in many leadership positions with the California Health Department, including State Health Officer. For nine years he was director of the Center of Disease Control and Prevention's (CDC) National Center for Environmental Health in Atlanta. He received the Presidential Distinguished Executive Award in 2005.

While in California his work led to the establishment of the California Birth Defects Monitoring Program and state and national laws that eliminated a series of dangerous pesticides. While at CDC he established the national asthma epidemiology and control program, and oversaw the childhood lead poisoning prevention program. He instituted the current federal effort to "biomonitor" chemical levels in the US population. He was the US lead under several US government efforts around health and environment in Russia, including radiation threats. In the late 1990s he was the CDC leader in establishing the US National Pharmaceutical Stockpile to prepare for terrorism and other disasters—which was activated on September 11, 2001.

Prof. Jackson is co-author of the book *Urban Sprawl and Public Health*, a 2004 book from Island Press. He has served on many medical and health boards, and in September 2005 he was selected to serve on the Board of Directors of the American Institute of Architects. His strongest public health interest is in developing the next generation of leaders in public health.

Brian M. Jenkins

Brian Michael Jenkins is the Director of the National Transportation Security Center at the Mineta Transportation Institute at California State University of San Jose. Mr. Jenkins' is one of the world's leading authorities on terrorism and sophisticated crime. In addition to his work with the Mineta Transportation Institute (MTI), he consults with government agencies, international organizations, and multinational corporations. Mr. Jenkins is also a senior advisor to the President of the RAND Corporation and a counter-terrorism advisor to NYC Police Commissioner Ray Kelly. From 1989 to 1998, Mr. Jenkins was the Deputy Chairman of Kroll Associates, an international investigative and consulting firm. Before that, he was chairman of the RAND political science department where, from 1972 to 1989, he also directed RAND research on political violence.

Mr. Jenkins obtained B.A. in fine arts and M.A. in history degrees from the University of California, Los Angeles. He has also studied at the University of Guanajuato in Mexico and the University of San Carlos in Guatemala, where he was a Fulbright Fellow and recipient of a second fellowship from the Organization of American States.

Commissioned in the infantry at the age of 19, Mr. Jenkins became a paratrooper and, ultimately, a Captain in the Green Berets. He is a decorated combat veteran having served in the Seventh Special Forces Group in the Dominican Republic during the American intervention and later as a member of the Fifth Special Forces Group in Vietnam (1966–1967). He returned to Vietnam on a special assignment in 1968 to serve as a civilian member of the Long Range Planning Task Group; he remained with the group until the end of 1969, receiving the Department of the Army's highest award for his service. Mr. Jenkins returned to Vietnam again in 1971 on a special assignment.

In 1996, President Clinton appointed Mr. Jenkins to be a member of the White House Commission on Aviation Safety and Security. From 1999 to 2000, he served as an advisor to the National Commission on Terrorism and in 2000 was appointed to be a member of the U.S. Comptroller General's International Chamber of Commerce and a member of the board of directors of the ICC Commercial Crime Services. Mr. Jenkins was also a member of the Transportation Research Board/National Research Council Panel on Transportation: Science and Technology for Countering Terrorism 2002. Mr. Jenkins has been the counter-terrorism research team leader and a Research Associate with the MTI since 1996

Samuel Johnson

Samuel E. Johnson is the ITS Chief Technology Officer of San Diego Association of Governments (SANDAG), the region's Metropolitan Planning Organization (MPO). Mr. Johnson interacts with various executive and elected officials in the region on issues of transit, transportation and public safety. His work includes identifying business and operational needs; design and implementation of advanced systems and integration; and oversight of \$100 million in program funding. He has been at SANDAG since 2003 after working seven years as the Administrator of Information Technology for San Diego's Metropolitan Transit Development Board and Manager of Information Technology for the San Diego Transit Corporation.

Mr. Johnson earned a Bachelor of Science degree from San Diego State University.

Norm R. King

Norm King became the first Director of the Leonard University Transportation Center at California State University San Bernardino in January, 2006. The center is a newly established "Tier II Center" promoting research and outreach on transportation issues of the Inland Empire.

Mr. King served as Executive Director of San Bernardino Associated Governments (SANBAG)/San Bernardino County Transportation Commission and the three additional SANBAG related authorities from August, 1996 to his retirement in December, 2005. He was a City Manager for 20 years, serving the Cities of Claremont, Palm Springs and Moreno Valley. At one time he served on the staff of the U.S. Conference of Mayors and the National League of Cities in Washington, D.C.

Mr. King is Chairman of the Board of Directors of the ICMA Retirement Corporation, a financial service firm providing deferred compensation programs to 800,000 local and state public employees throughout the country. He also is a member of the Advisory Council of the Public Policy Institute of California (PPIC) and serves on the City of Palm Springs Airport Commission. He has served as President of the International City/County Management Association (ICMA) and the City Manager's Department of the League of California Cities. He is past Moderator of the California Self-Help Counties Coalition and is a Fellow of the National Academy of Public Administration.

Mr. King has taught part-time at Claremont McKenna College. His articles on the management and economics of local government have appeared in several professional journals and books. He is considered a leading proponent of "demand management" and "market-based" public policies.

Elizabeth Macdonald

Elizabeth Macdonald is Assistant Professor at UC Berkeley in the Department of City and Regional Planning. She is a faculty member of the Program in the Design of Urban Places, an interdisciplinary program sponsored by UC Berkeley's College of Environmental Design that offers a Master's of Urban Design Degree. Her research interests encompass urban design theory, history of urban design, history of urban form, public space design, and environment-behavior research. Her writings include *The Boulevard Book: History, Evolution, Design of Multiway Boulevards* (MIT Press 2002), *The Urban Design Reader* (Routledge, 2006), and numerous journal articles. Macdonald practices urban design through her firm Cityworks. Recent professional projects include redesigns for Octavia Boulevard in San Francisco, Pacific Boulevard in Vancouver, and International Boulevard in Oakland.

J.D. Margulici

J.D. Margulici is the Associate Director of the California Center for Innovative Transportation at the University of California, Berkeley. His areas of expertise are transportation, software design and marketing, as well as in systems engineering and deployment within large organizations. Since joining CCIT in 2004, Mr. Margulici has successfully managed close to a dozen projects. One of his most notable accomplishments has been the deployment of a system to automatically display travel times on changeable message signs in the Bay Area.

Prior to joining CCIT in 2004, Mr. Margulici was a consultant at Leigh Fisher Associates, a leading airport planning company located in the San Francisco Bay Area. Earlier, he worked for the French air traffic control agency, and then as director of product marketing at Edatis, a Paris-based software company. Mr. Margulici holds a B.S. in Mathematics and Physics from the Ecole Polytechnique in Paris, France, and a M.S. in Transportation Engineering from the University of California, Berkeley. He is currently a MBA candidate in the Evening and Weekend program of the Haas School of Business at Berkeley.

Marsha B. Mason

Marsha Mason is a registered Landscape Architect. She has been involved in transportation at the California Department of Transportation (Caltrans) and in her consulting firm, Sites Pacific, Inc. (1987-1991). She led development of the federal Transportation Enhancements program in California in 1993 and managed it for eight years. Over half of the \$70 million the state receives each year for this program is spent on building the state's bicycle and pedestrian transportation infrastructure.

On executive development rotation 2002-2004, Ms. Mason facilitated an eight-agency group in Santa Barbara County to financially and politically support an implementation plan preceding reauthorization of the county's sales tax measure. She strategically guided the agencies to collectively provide leadership in addressing long-term solutions to congestion on the South Coast. She also worked at the California High Speed Rail Authority and served in the Caltrans Division of Mass Transportation.

Ms. Mason helped craft Caltrans' Context Sensitive Solutions and Bus Rapid Transit policies and eased Caltrans employees' transit pass purchases with the transit pass payroll deduction program. Currently she provides strategic and business planning for Caltrans Division of Design, and curriculum development support for transportation landscape architecture. Currently, she is managing a consultant contract to quantify quality-of-life factors for transportation corridors. She remains active in bicycle and pedestrian policy and design issues within Caltrans.

Ms. Mason co-founded WalkSacramento, a 501(c)3 organization, and has pedaled her bicycles about 18,000 miles in the past ten years.

Cindy McKim

Cindy McKim is the Chief Financial Officer of the California Department of Transportation (Department). Appointed by Director Will Kempton in December 2004, Ms. McKim is responsible for the Department's financial management and policy, including oversight of an annual operating budget of nearly \$13.8 billion. She is also responsible for programming State and federal transportation funds.

Ms. McKim has been with the Department for more than 25 years, serving in a number of high profile management positions. Prior to her current assignment, Ms. McKim served as Deputy Director for Rail, Transportation and Aeronautics; Deputy Director for Policy and Administration; Assistant Director of the Administrative Service Center; Accounting Division Chief; Rail Division Chief; Mass Transportation Division Chief; and Assistant Director for Management and Policy Planning.

Therese McMillan

Therese McMillan began working for the Metropolitan Transportation Commission (MTC), the federal- and state-designated regional transportation planning agency for the nine-county San Francisco Bay Area, in January 1984. She served as a staff member for several years and then as a manager for seven years, including a stint as MTC's Manager of Funding and Externals Affairs. She was appointed to her current position of Deputy Executive Director-Policy in January 2001. As Deputy Executive Director-Policy, Ms. McMillan oversees MTC's departments responsible for strategic financial planning and MTC's management of federal, state and regional fund sources for transit, highways, roadways and other modes; state and federal legislative advocacy, public affairs and community outreach; and planning, including the long range plan, transportation/land use, air quality and freight issues.

Ms. McMillan has a B.S. degree in Environmental Policy and Planning Analysis from the University of California, Davis (1981) and a joint M.C.P./M.S. in city planning/civil engineering science (1984) from U.C. Berkeley. She was the President of the San Francisco Bay Area Chapter of the Women's Transportation Seminar (WTS) in 1989 and 1990, and was named Member of the Year in 2002. She is currently a member of the Transportation Research Board's Committee on Taxation and Finance. She has served on numerous federal and statewide task forces and working groups addressing various transportation planning and funding issues, including a current appointment to the National Research Council Committee for the Study of Funding Options for Freight Transportation Projects. For FY 1998-99, Therese served as chair of the statewide Regional Transportation Planning Agencies group, a coalition of transportation agencies that advises the California Transportation Commission on issues related to state programming and transportation planning. She teaches a course in transportation funding and finance for the graduate transportation studies program for the Mineta Transportation Institute, California State University at San Jose.

Gabriel Metcalf

Gabriel Metcalf is the Executive Director of the San Francisco Planning and Urban Research Association (SPUR), a non-profit membership organization that promotes good planning and good government through research, education, and advocacy. Prior to working at SPUR, Mr. Metcalf worked for The Bay Institute, an environmental non-profit specializing in California water policy. He serves on many juries, panels, and Boards including: the National Committee for the America 2050 campaign; the Mayor's Policy Council on Children Youth and Families; the *Business Times* Real Estate Deals of the Year awards committee; the American Institute of Architects Urban Design Awards jury; and the Sustainability Advisory Committee to the Public Utilities Commission.

A frequent writer and speaker on planning and policy topics, Mr. Metcalf has a Masters of City Planning from the University of California, Berkeley.

Jim Misener

Jim Misener is the Transportation Safety Research Leader at the California Partners for Advanced Transit and Highways (PATH) at UC Berkeley. His program includes over twenty-five safety-related projects. In his twelve years at PATH, Mr. Misener has led numerous Intelligent Transportation System (ITS) projects with sponsorship from US DOT, Caltrans, and vehicle manufacturers. He recently has led a large-scale integrated research effort focused on vehicle-infrastructure integration in areas of traffic management, traveler information and safety.

Mr. Misener is a member of IEEE (Intelligent Transportation Section), SAE (Dedicated Short Range Technical Committee, Digital Map Subcommittee Chair), and the TRB Vehicle Highway Automation Committee. He serves on the ITS America Automotive, Telematics and Consumer Electronics Advisory Board and is the Northern California Section vice chair of the ITS California Board of Directors. He recently served as editor for a special edition of the *Journal of Intelligent Transportation Systems*.

Mr. Misener obtained a BS from UCLA and a MS from USC and has been a United States Air Force officer.

Kristen Monaco

Kristen Monaco is Professor at California State University of Long Beach in the Department of Economics. She also is Associate Director of the graduate program in Global Logistics. Her research is focused on the relationship between regulation, market structure, and labor market outcomes, with a particular focus on the transportation industry.

José Luis Moscovich

José Luis Moscovich has been Executive Director of the San Francisco County Transportation Authority for over six years. As Executive Director of the Authority, Mr. Moscovich spearheaded the development of the 30-year Countywide Transportation Plan for San Francisco, adopted in 2004, as well as the effort to reauthorize the local transportation sales tax, which culminated in November 2003 with a 75% vote on a new 30-year Expenditure Plan. Under his leadership, the Authority has achieved major milestones including development of the city's activity-based travel demand model, preparation of a 30-year Strategic Plan for transportation investment in the city, completion of the environmental studies for the replacement of Doyle Drive, completion of the multiple award-winning Octavia Boulevard project to replace the double-decker portion of the Central Freeway, completion of two feasibility studies for implementation of a bus rapid transit network in San Francisco, development of a multimodal level of service measure, an initiation of a congestion pricing study and a parking pricing study for San Francisco.

Mr. Moscovich is chair of the Self-Help Counties Coalition. He is also Chair of the California Transportation Foundation Board. He holds a master's degree in Urban Planning from the University of Illinois and a master's degree in Transportation Engineering from the UC Berkeley. He is a member of the Institute of Transportation Engineers, the Transportation Research Board, and the American Planning Association. He has served as infrastructure development advisor to several Latin American cities.

When he's not thinking about transportation, he's usually conducting operas. He has two commercially released CDs including a new opera which received a GRAMMY nomination for Best Contemporary Classical Composition in 2005. He is a member of the National Academy of Recording Artists.

Reza Navai

Reza Navai, Ph.D., AICP, is the Manager, Climate Action Program at the California Department of Transportation, responsible for strategic planning and compliance with the State's climate change program objectives and greenhouse gas emissions reduction requirements. He is also Chief of the Office of Policy Analysis and Research at Caltrans.

Richard Nordahl

Richard Nordahl is the Chief, Office of Goods Movement, of the California Department of Transportation. Mr. Nordahl has worked in the goods movement field for 14 years. His office, as part of the Division of Transportation Planning, is responsible for statewide goods movement planning, including the analysis of goods movement by truck and rail, and movement through California's airports, seaports, and border crossings. Accomplishments have included the development of major portions of the California Business, Transportation and Housing Agency/California Environmental Protection Agency's Goods Movement Action Plan, and support for the programming of the Trade Corridors Improvement Fund. Previously, his office was responsible for the development under legislative request of the Global Gateways Development Program, completed in January 2002.

Mr. Nordahl's other major assignments have included being the Department's Acting Chief of Planning in San Diego, staff to Governor Gray Davis' Commission on Building for the 21st Century, and project manager/assistant project manager for the 1993 California Transportation Plan. Mr. Nordahl is a 1976 graduate of the California State University, Sacramento with a degree in Environmental Studies (Planning Concentration). He also holds a 1984 certificate in Rail Transportation from the University of California, Institute for Transportation Studies.

Cornelius Nuworsoo

Cornelius Nuworsoo is Assistant Professor at California Polytechnic State University of San Luis Obispo in the Department of City and Regional Planning with a focus on Transportation Planning. Before joining Cal Poly, he was a researcher with the University of California Transportation Center at U.C. Berkeley. He earned a Ph.D. in Transportation Engineering from U.C. Berkeley in 2004. He has twenty years of field experience spanning transportation planning and traffic engineering.

Thomas O'Brien

Thomas O'Brien is the Director of Research for the Center for International Trade and Transportation (CITT) at California State University, Long Beach (CSULB). His work involves identifying opportunities for interdisciplinary research in the area of goods movement and seaport operations. His recent policy analysis includes evaluations of a truck appointment system and extended gate operations at the Ports of Los Angeles and Long Beach. He is also the principal author of a report to the California State Legislature for the California Marine and Intermodal Transportation System Advisory Council (CALMITSAC) on port opportunities and challenges; and the author of a monthly column on trade related issues for the Long Beach Business Journal. He is a member of the National Cooperative Freight Research Program Project Panel on Institutional Strategies in the Freight Transportation System. He was awarded the CSULB Global Logistics Specialist Program's George Marshall Instructor Award for the fall of 2006.

Dr. O'Brien has a Ph.D. in Policy, Planning and Development a Masters Degree in Urban Planning and Development from the University of Southern California. He is both an Eno and Eisenhower Transportation Fellow. As a 1995-96 Fulbright Scholar, Dr. O'Brien conducted research on the effects of changing technology on the design of the traditional living environment in Morocco.

Gale Ogawa

Gale Ogawa is Chief of Caltrans' Division of Mass Transportation, a program whose \$40 million budget grew by \$600 million this year thanks to voter- approved Proposition 1B Transit Bond funds. Under Ms. Ogawa's leadership, the Division has been restructured to promote innovation that will further the Department's mission, vision and goals. A strong interest in how research can help advance mobility and public transportation has led to Ms. Ogawa's continued partnership with Caltrans' Division of Research and Innovation, California PATH, and CCIT, as well as a partnership with INRETS, the French Institute for Transport and Safety Research.

Ms. Ogawa previously served as Special Assistant to the Director of Transportation. In this assignment, she participated in policy discussions, conducted special studies and analysis on management issues, and helped develop recommendations for the Director, the Chief Deputy, and the Business, Transportation and Housing Agency. In her 30+ years with Caltrans, she also served in the Executive Office, Transportation Planning, Emergency Management, Civil Rights and Administration, working and collaborating with elected officials, agency staff, and community members.

Joan Ogden

Joan Ogden is Professor of Environmental Science and Policy at the UC Davis and Director of the Sustainable Transportation Energy Pathways Program at the campus's Institute of Transportation Studies. Her primary research interest is technical and economic assessment of new energy technologies, especially in the areas of alternative fuels, fuel cells, renewable energy and energy conservation. Her recent work centers on the use of hydrogen as an energy carrier, hydrogen infrastructure strategies, and applications of fuel cell technology in transportation and stationary power production. She has served on high level energy committees convened by US Department of Energy, the National Academies and the state of California.

Professor Ogden holds a BS in mathematics from the University of Illinois and a Ph.D. in theoretical physics from the University of Maryland. Prior to joining the faculty at UC Davis, Prof. Ogden was a research scientist at Princeton University's Environmental Institute.

Larry Orcutt

Larry Orcutt is the Research and Innovation Division Chief for Caltrans. He is a 23 year veteran of Caltrans, having spent eleven years in Caltrans Headquarters and 12 years in Districts 1 (Eureka) and 2 (Redding). Mr. Orcutt has also served as the Maintenance Division Chief, responsible for a budget of close to \$1 billion and six thousand employees. He led the Caltrans Long Life Pavement Team and received the Governor's Safety Award for leading and supporting the Caltrans Employee Safety Initiatives. Prior to working for Caltrans, he spent five years working for the US Forest Service in Redding, California.

Mr. Orcutt has been appointed to a number of AASHTO and TRB committees. He currently is a member of the TRB Research and Technology Coordinating Committee that advises on and reviews Federal Highway Administration research activities, providing policy-level recommendations on program direction and management. The committee's 18 members, drawn from the states, academia, and private sector, give high-level, overarching advice on the composition and management of FHWA's research and technology (R&T) program in the form of letter reports to the Administrator and more in-depth TRB Special Reports. Mr. Orcutt also is serving on the recently appointed SRHP II Safety Technical Coordinating Committee that will focus on "Prevent or reduce the severity of highway crashes by understanding driver behavior."

Mr. Orcutt earned his Civil Engineering Degree from California State University, Sacramento. He became a Registered Civil Engineer in 1982. He will earn his Master of Science, Transportation Management in June 2008. He is an active member of the California Professional Chapter of the American Indian Science and Engineering Society (AISES) and has served on the National Board of Directors for AISES. He is a member of the Hoopa Tribe and spent his first 18 years growing up on the Hoopa Indian Reservation.

Mark Pisano

Mark Pisano has served as Executive Director of the Southern California Association of Governments (SCAG) since November 1976. SCAG is the nation's largest regional planning agency with a membership that consists of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura, and cities within these counties. Prior to joining SCAG, Mr. Pisano was director of the Environmental Protection Agency's Water Quality Planning Division. He previously served as an economist with the Environmental Protection Agency.

Mr. Pisano earned a Bachelor of Arts Degree and Master of Arts Degree at Georgetown University. He is the author of several papers on economics and water resources. He also is an Adjunct Professor at USC and has been teaching there for the past 5 years.

David Ragland

David Ragland is a Professor of Epidemiology at the School of Public Health and Director of the University of California Traffic Safety Center, a joint project of the Institute of Transportation Studies and School of Public Health, whose mission is to contribute to the effort to reduce traffic crashes through teaching, outreach, technical assistance, and research.

Prof. Ragland has authored or co-authored over 100 publications on health and safety. He currently teaches courses on Injury Prevention and Control, and Traffic Safety and Injury Control. His recent research projects have been funded by FHWA, Caltrans, NHTSA, the CHP and OTS and include: a study of pedestrian injury in San Francisco; evaluation of a pedestrian scramble system in Oakland; pedestrian and bicycle collisions on the Interstate-80 San Pablo corridor; development of protocols for evaluating interventions for seat belt and bicycle helmet use; studies of older drivers; reducing crossing path collisions at intersections; driver and pedestrian behavior and crosswalks; estimating pedestrian exposure; GIS mapping of alcohol-related collisions; and preventing collisions at railroad crossings.

Lee Schipper

Lee Schipper earned his Ph.D. in astrophysics, but has devoted his career to earthly problems of transport, energy and environment. He came to *EMBARQ*, the World Resources Institute (WRI) Center for Sustainable Transport, at its founding in April, 2002, and served as Director of Research until his retirement Sept. 30, 2007. Currently Dr. Schipper is a Visiting Scholar at the University of California Transportation Center.

Dr. Schipper was Visiting Scientist at the International Energy Agency (IEA) in Paris from 1995 to 2001. Previous to that he was Staff Senior Scientist at the Lawrence Berkeley National Laboratory for two decades. He worked in Group Planning at Shell International Petroleum Company in the 1980s and again in 2001, where he helped develop future scenarios. He has been a guest researcher at the World Bank, VVS Tekniska Foerening (Stockholm), the OECD Development Center, and the Stockholm Environment Institute.

Dr. Schipper has authored over 100 technical papers and a number of books on energy economics and transportation around the world. He takes part in numerous prestigious international panels and studies on energy and transportation, and is on the editorial boards of five major journals in the fields. Dr. Schipper was a member of the Swedish Board for Transportation and Communications Research for four years, and is currently a member of the US Transportation Research Board's Committee on Sustainable Transport and Committee on Developing Countries. Dr. Schipper brings a unique twist to the transport and energy worlds, having obtained his BA in Music from Berkeley in 1968 (with course work at UCLA). Once a member of the UCLA jazz quintet, he recorded "The Phunky Physicist", with Janne Schaffer, in Sweden in 1973. He still leads a jazz quintet from time to time

Lisa Schweitzer

Lisa Schweitzer is Assistant Professor at the University of Southern California in the School of Policy, Planning and Development. She previously was a member of the faculty at Virginia Tech. Her empirical and theoretical work on environmental injustice in transportation has been published in *Urban Studies*, *Built Environment*, *The Journal of the American Planning Association*, *Transportation Research Part D*, and *the Journal of Planning Literature*. Her research has been sponsored by the National Science Foundation, the Honda Foundation, the National Oceanographic and Atmospheric Administration, and Caltrans, the state of California transportation agency. Prior to returning to earn her PhD at UCLA, she was a consultant with the Public Policy Center. There, she co-authored some of the earliest, ground-breaking methodological work on evaluating the environmental justice of transportation projects with the National Cooperative Highway Research Program - Completed Project 25-19: *Evaluation of Methods, Tools, and Techniques to Assess the Social and Economic Effects of Transportation Projects*.

Raja Sengupta

Raja Sengupta is Associate Professor at UC Berkeley in the systems program in the Department of Civil and Environmental Engineering. He received his PhD in EECS from the University of Michigan at Ann Arbor. His research interests are in vehicular ad-hoc networks and unmanned air vehicles. He is Associate Editor of the IEEE Control Systems magazine. He was Program Chair of the IEEE Conference on Autonomous Intelligent Networked Systems 2003, Co-General Chair of the first ACM MOBICOM Workshop on Vehicular Ad-hoc Networks 2004 and Co-Program Chair of the second workshop.

Susan Shaheen

Susan Shaheen holds a joint research faculty appointment with the Institute of Transportation Studies at the University of California (UC) Berkeley and Davis. She is a research director with Berkeley's jointly sponsored Transportation Sustainability Research Center (TSRC) and is co-director of the transportation track of the Energy Efficiency Center at UC Davis. Before joining TSRC, she led the Policy and Behavioral Research Program of California PATH from 2003 to 2004. In November 2000, she was honored as the first Honda Distinguished Scholar in Transportation at UC Davis.

Susan has a Ph.D. in ecology, focusing on technology management and the energy and environmental aspects of transportation. She has seventeen years of professional experience in transportation and environmental policy, 28 journal articles, over 40 reports and conference papers, and is co-editor of one book. She has served on the ITS World Congress program committee since 2002 and is the chair of the New Public Transportation Systems and Technology Committee of the Transportation Research Board.

Donald Shoup

Donald Shoup is Professor at UCLA in the Department of Urban Planning. He has served as Chair of the Department of Urban Planning and as Director of UCLA's Institute of Transportation Studies. He has extensively studied parking as a key link between transportation and land use, with important consequences for cities, the economy, and the environment. His research on employer-paid parking led to the passage of California's parking cash-out law, and to changes in the Internal Revenue Code to encourage parking cash out. His research has also led a growing number of cities to reduce off-street parking requirements, charge fair market prices for curb parking, and dedicate the meter revenue to finance added public services in the metered districts.

Alexander Skabardonis

Alexander Skabardonis in the Department of Civil and Environmental Engineering and Research Engineer at the Institute of Transportation Studies, University of California, Berkeley. He also is the Director of California PATH, a statewide research center. As the PATH Director, he provides leadership to a research program with over 80 active projects undertaken by 60 faculty and staff and over 100 students, with topics ranging from traffic safety, traffic operations, and transit operations to policy research. Dr. Skabardonis is a member of several Committees of the Transportation Research Board, and serves as a reviewer and on the editorial board for several archival journals in transportation. His professional interests and expertise include traffic flow theory and modeling, traffic management and control systems, design and operation of transportation facilities, and intelligent transportation systems.

Daniel Sperling

Daniel Sperling is Professor at UC Davis in the Departments of Civil Engineering and Environmental Science and Policy. He is the founding Director of the Institute of Transportation Studies at the University of California at Davis (ITS-Davis). He was appointed by Governor Schwarzenegger to the California Air Resources Board in February 2007 and was co-director of California's Low Carbon Fuel Study. Dr. Sperling is recognized as a leading international expert on transportation technology assessment, energy and environmental aspects of transportation, and transportation policy. He was recently honored as a lifetime National Associate of the National Academies.

Dr. Sperling is author or editor of 200 technical articles and 10 books. He was "lead author" of the transportation chapter in the 2007 IPCC report, "Mitigation of Climate Change." He advises senior executives of many automotive and energy companies and environmental groups; and has testified many times to the US Congress and California Legislature on alternative fuels and advanced vehicle technology.

Dr. Sperling received his B.S. degree from Cornell University and his PhD from UC Berkeley.

Brian Taylor

Brian Taylor is Professor at UCLA in the Department of Urban Planning and Public Policy. His work explores how society pays for transportation systems and how these systems in turn serve the needs of people who -- because of low income, disability, location, or age -- have low levels of mobility. A principal focus of his research is the politics of transportation finance, including the history of freeway planning and finance, emerging trends in highway finance, the linking of subsidies to public transit performance, and measuring equity in public transit finance. His research also examines travel demographics, including patterns of public transit use by the central city poor and the constrained travel patterns of working women. He has also studied the relationships between transportation systems and urban form, including the effects of suburbanization on employment access and the evolving commuting patterns of minority and low-income workers

Pravin Varaiya

Pravin Varaiya is Nortel Networks Distinguished Professor at the University of California at Berkeley in the Department of Electrical Engineering and Computer Sciences. From 1975 to 1992 he was also Professor of Economics at Berkeley. From 1994 to 1997 he was Director of the California PATH program, a multi-university research program dedicated to the solution of California's transportation problems. His current research is concerned with communication networks, transportation, and hybrid systems. He has taught at MIT and the Federal University of Rio de Janeiro.

Professor Varaiya has co-authored three books and 300 technical papers. The second edition of "High-Performance Communication Networks" (with Jean Walrand and Andrea Goldsmith) was published by Morgan-Kaufmann in 2000. "Structure and interpretation of signals and systems" (with Edward Lee) was published by Addison-Wesley in 2003. He has held a Guggenheim Fellowship and a Miller Research Professorship. He received Honorary Doctorates from L'Institut National Polytechnique de Toulouse and L'Institut National Polytechnique de Grenoble, and the Field Medal and Bode Lecture Prize of the IEEE Control Systems Society.

Prof. Varaiya is a Fellow of IEEE, a member of the National Academy of Engineering, and a Fellow of the American Academy of Arts and Sciences. He also is on the editorial board of Discrete Event Dynamical Systems and Transportation Research-C. He is a member of the Board of Directors of Sensys Networks.

Jan Whittington

Jan Whittington is Assistant Professor at the University of Washington in the Department of Urban Design and Planning. In research and teaching, Whittington uses institutional economic theory and strategic planning principles to address problems in infrastructure development and management. Co-author of two manuscripts informing California state policy in the core sectors of transportation, water, and education, "Making Room for the Future" (PPIC, 2003) and "Building California's Future" (PPIC, 2001), her current research is in transportation project delivery across five states, informing the trend toward design-build and mega-project contracts. Academics aside, her research is informed by 10 years with Bechtel Corp. of San Francisco, one of the world's largest engineering and construction firms. As senior planner, strategic planner and environmental scientist, her work for Bechtel involved investment, feasibility, planning and construction inspection on mega-projects in all the major sectors from the Americas to the Far East. Typical projects included the Taiwan High Speed Rail, a five-year infrastructure plan for Brazil, a new town for Vietnam, the privatization of Panama's port system and superfund site inspection in the Western United States.

Whittington holds a master's from California State Polytechnic University, San Luis Obispo, and a B.A. in Environmental Studies and Biology from the University of California, Santa Cruz. Her doctorate in City and Regional Planning from the University of California, Berkeley is anticipated this year.

John Wolf

John Wolf is the Assistant Division Chief in the Division of Traffic Operations at the California Department of Transportation. He has more than 28 years of transportation experience, including extensive experience working in the Division of Traffic Operations helping to develop operational strategic and business plans. He also spent 10 years in the field of transportation planning with emphasis areas including transportation demand management, travel forecast and modeling, traveler information and system management planning.

Mr. Wolf's education includes a Bachelor degree in Political Science and a Masters in City and Regional Planning.