

JONATHAN RICHMOND

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DESIRED CAREER STEPS

Education: Seeking faculty or combined faculty/administrative position. Research/teaching on approaches for successful program implementation, governance/management systems improvement, and corruption control in developing countries. Study of reforms to make international development agencies more effective. Paths to training and empowerment of young professionals. Systems approach to transportation/infrastructure design and planning for sustainable environments and equitable outcomes in developed and developing countries. Philosophy of engineering and policy analysis, ethical epistemology, professional ethics, environmental ethics, theories of understanding embodied in myth, metaphor and symbolism. Undergraduate seminars on a variety of topics emphasizing critical thinking and effective communication. Promotion of on-campus diversity and recruitment of students from deprived backgrounds. Research and implementation of pedagogical innovation in education to develop critical thinking and meet the special needs of international, immigrant and low-income students. Development of programs with international universities including use of live video links for joint classes, and overseas field visit programs. Roles in student counseling, development of education through student activities, multiculturalism, and campus social integration through bringing together social and ethnic groups and faculty, administrators and students.

Interest in **teaching short courses** for development professionals in developing country governments, international agencies and NGOs, with focus on skills for reflective practice, successful environmentally sound and equitable project implementation, and for promoting good governance.

Consulting/Advising: Developing good governance and corruption control in developing countries. Public and quasi-private organizational design and facilitation of organizational learning for better governance and effectiveness at program implementation. Communication techniques for developing-country public policy consensus formation. Improving organizational and personnel effectiveness in international development agencies. Design of effective training programs for development professionals. Design/implementation of transport infrastructure and related operational and management systems with focus on building sustainable and equitable systems and on reforming public management in both developed and developing countries.

HONORS

Fulbright/Hays Scholarship (1979-80). Awarded by the US Department of State, International Communication Agency, to pursue graduate studies at MIT.

MIT Center for Transportation Studies Fellowship (1988-89). Fellowship awarded for doctoral dissertation research.

Transportation Research Board (National Research Council Academies of Science & Engineering) Executive Committee (January 9, 1990). **Keynote luncheon speaker at annual conference meeting**, Washington DC. Delivered critical commentary on high-speed rail proposals in the United States and gave recommendations for ethical practices in using analytical procedures for their assessment.

Laya and Jerome B. Wiesner Award (May 14, 1990). Received award named for the former President of MIT and his wife for "leadership in enriching student participation in the arts" through founding and managing *The Tech* Performing Arts Series discount ticket service and writing and editing for MIT's student newspaper, *The Tech*.

New South Wales Department of Transport Visiting Chair in Transport Studies (1995-96) at University of Sydney. Selected in international competition for senior international scholar visiting position to teach, conduct research, and advise government.

London Medical & Dental Institute, Dhaka, Bangladesh (June 25, 2011). **Graduation speaker.** Lectured on ethics in dental practice to graduating dental assistant class. Comment from Dr. Abdullah Al Mamun, Institute director: "This was the beginning. This is the 1st batch who promised that they won't support or do any corruption in their LIFE..."

State University of New York at Buffalo, School of Architecture & Planning, Department of Urban & Regional Planning. **Jammal Fellow in International Planning**, Spring 2014. Delivered Jammal Lecture, Feb. 26, 2014.

EDUCATION

London School of Economics and Political Science (1976-79). B.Sc. (Economics) degree. Specialized in economic/social geography, economics and geography of transportation.

Massachusetts Institute of Technology, Center for Transportation Studies (1979-81). **Master of Science in Transportation.** Areas of study included transportation institutional/policy analysis, public policy & management, organization theory, urban economics, systems analysis. Course work taken under cross-registration at Harvard included transportation management at **Harvard Business School** and political & bureaucratic analysis at the Harvard University **Kennedy School of Government.**

Massachusetts Institute of Technology. Interdepartmental **Ph.D program in Transportation Planning** (1984-1991). Coursework in policy analysis, artificial intelligence, computers & society. Study of organizational learning and assumptions and approaches to reflective professional practice with dissertation supervisor, Donald Schön. Doctoral examinations completed June 1985. Visitor at University of North Carolina, Chapel Hill, 1986-87. Thesis defended February 4, 1991. Degree award date June 3, 1991. From 1992 recommendation by the late Donald Schön: "He is, in my view, one of the most brilliant and accomplished doctoral students I have encountered in my twenty or so years at this institution."

EDUCATION-RELATED RESEARCH

Bachelor's thesis at LSE (1978-79). Comparative evaluation of plans to extend London Transport Underground or British Rail services to London Heathrow Airport. Supervisor: Dr. Kenneth Sealy.

MIT Center for Transportation Studies, US Department of Energy project (1979-80): *Energy Planning — The Realities.* Study of energy contingency and conservation planning in New York State.

MIT Center for Transportation Studies (Summer 1980). Researched and wrote case study: *The MBTA and the Transit Crisis in Boston: The Politics of Change.*

Master's thesis at MIT (1980-81). *Perpetuum Mobile — AMTRAK: The Original Sin.* Examined alternative approaches to explaining the AMTRAK route structure: economic, political, managerial, organizational. Discussion of problems of planning, policy and analysis. Research included 56 interviews, analysis of Congressional/DOT/AMTRAK documentation, of energy use models and other literature. Supervisor: Professor Alan Altshuler.

Doctoral dissertation at MIT (1985-91). *Transport of Delight — The Mythical Conception of Rail Transit in Los Angeles.* Evaluated alternative theories of technology choice in transportation, asking how actors inquire about such choices and how this influences decisions. Roles of technical analysis, metaphor, symbolism, and myth in forming perspectives of both political leaders and government agency analysts examined in the context of transportation policy formation in Southern California with a focus on planning for light rail. Emphasis on a critical analysis of the role of assumptions explicit and implicit in both engineering algorithms and processes of overall policy formation, and of ethical aspects of the engineering/planning process. Doctoral committee: Professors Donald Schön; Joseph Weizenbaum; Ralph Gakenheimer; Martin Wachs.

STUDENT ACTIVITIES

Horizon (1977-79). Edited journal of the King's College, London and the London School of Economics Geographical Association. Solicited, reviewed and published academic articles by students and professional academics. Reformed business practices to improve presentation, develop effective marketing systems, and bring the journal to financial sustainability.

Student Journalism. Frequent contributor to student press in London (*Beaver*, LSE and *Sennet*, University of London), Boston (*The Tech*, MIT) and Berkeley (*The Daily Californian*). Several hundred articles published, mostly on arts subjects. Was Arts Editor for *The Tech*, MIT's student newspaper.

The Tech Performing Arts Series (1988-91). Founded and administrated program to encourage attendance at Boston-area arts events by providing and publicizing discount tickets for the MIT community, achieving thousands of sales and dramatically increasing regular MIT student attendance at area arts events. Received Laya and Jerome B. Wiesner Award in recognition of this success. Also regularly advised Boston's SinfoNova Chamber Orchestra on program and financial planning, assisted with subscription sales, and arranged for Boston concert by pianist Steven Lubin with SinfoNova.

MIT Committee Work. Member of Graduate Student Council (GSC) and GSC representative on Standing Faculty Committee on Graduate School Policy (one of two graduate students representing entire graduate student body), and Corporation Joint Advisory Committee on Institute-Wide Affairs.

MIT Outing [hiking and mountaineering] **Club.** Member, Board of Directors (1992-1994). Represented club in administrative and legal arrangements related to destruction of club cabin by fire. Arranged low-key hiking trips for informal "Cowards Club."

MIT Hillel. Co-organized, wrote, and led 1992 and 1993 Holocaust Memorial Services.

EMPLOYMENT — EDUCATIONAL INSTITUTIONS

Massachusetts Institute of Technology, Department of Civil Engineering, Transportation Systems Division (Fall 1985), Instructor. Designed and taught new graduate course in Transportation Policy Analysis.

University of North Carolina, Chapel Hill, Department of City and Regional Planning (1986-1987). Visiting Lecturer. Departmental teaching duties in transportation planning, graduate student thesis supervision and research on an Urban Mass Transportation Administration project on privatizing transit.

Massachusetts Institute of Technology, Department of Civil Engineering, Transportation Systems Division (Fall 1988). Developed and taught new graduate course in transportation policy analysis. Focused on ethics and included application of moral philosophy to problems of transportation policy and policy in general.

Massachusetts Institute of Technology, Center for Transportation Studies (January 1992 - March 1994). Visiting Scientist. Performed analytical work for Los Angeles County Supervisor Michael Antonovich (please see below). Worked on postdoctoral research publication projects.

University of California, Los Angeles, Graduate School of Architecture and Urban Planning (Spring term 1994). Lecturer. Designed and taught undergraduate course on "Transportation Geography" and graduate course on "Thought and Action in Planning: The Case of Transportation Planning in Los Angeles." From course evaluations: "Never before has any instructor challenged so many of my core assumptions... throughout the course of the class my interests multiplied [as did] my level of enthusiasm about learning in general... This was a course about learning how to learn, to think, and to evaluate information as a whole."

University of Reading, Department of Economics, Faculty of Urban and Regional Studies (Academic year 1994/95). Lecturer. Taught undergraduate and graduate students in transportation, urban and regional economics, and land and property management.

University of Sydney, Institute of Transport Studies, Graduate School of Business (July 1995 - November 1996). New South Wales Department of Transport Visiting Professor of Transport Planning until July, 1996, then Associate Professor of Transport Planning. Taught university students and professionals in transportation planning and economics. Organized and chaired major workshops with Australia-wide attendance on issues of land-use and transportation planning, including getting transportation facilities and services planning underway for the Sydney 2000 Olympics. Advised government on policy.

Harvard University, Taubman Center for State and Local Government, Kennedy School of Government (January 1997 - July 2000). Fellow. Conducted research project to evaluate performance of new urban rail passenger systems in the United States, including field visits transit properties and analysis of data to com-

pare results with projections to better understand the structure of transit system costs and ridership and to critically analyze currently used evaluation systems (article in *Transport Reviews*, see below). Completed study to assess suburban transit development options for South Shore Massachusetts communities. Wrote historical account of the politics of large-scale US transit project development. Completed a study to review the political aspects of introducing market-based mechanisms to transit service delivery. Presented results as a book: *The Private Provision of Public Transport*.

Asian Institute of Technology, Thailand, School of Civil Engineering, Transportation Engineering program (2003/2004), Urban Environmental Management program, School of Environment, Resources and Development (2004/2005). Visiting Fellow. Taught graduate course on “Public Transportation Systems,” and developed innovative new course on “Developing Transport for Developing Countries,” aimed at developing student participation, critical thinking, and professionalism in an Asian context (article on experience in *International Education Journal*, see below). Organized field trip to Singapore (details below). Supervised graduate student research and advised graduate students. Conducted research on transportation policy processes in Bangkok and Singapore, and on the role and perception of the informal sector in public transportation in the developing world. Delivered four-part lecture series on professional ethics with campuswide attendance. Contributed to AIT Extension Training Program.

Harvard University, Department of Urban Planning & Design, Graduate School of Design (October 2005 - June 2006). Completed library research and writing of journal articles based on work conducted in Asia on the subjects of transportation policy processes in Singapore and about innovations for teaching professionals in Asia.

Conservatoire National des Arts et Métiers, Paris, Logistique, Transport et Tourisme (October - December 2006). Visiting Professor. Taught graduate student seminar (conducted in French) on transport planning and management for developing countries.

Florida International University, School of International and Public Affairs (March 2011). Short visit for in-class teaching and seminar;

Taipei National University, International Program on Urban Governance (March 2013). Short visit for in-class teaching and seminar;

State University of New York, Buffalo, Department of Urban and Regional Planning. Ibrahim and Viviane Jammal Fellow in International Planning. Delivered the Jammal Lecture (February 26, 2014), an annual event that “brings eminent scholars in the field of international planning to campus to deliver a public lecture to students, faculty and the community.”

STUDENT ACADEMIC AND EXTRACURRICULAR TRIPS

UCLA (Spring 1994). In connection with class teaching, planned and conducted field trips to summit of Mt. Lowe to view and discuss Los Angeles’ urban form and to South Central Los Angeles to learn about inner-city issues and meet local community leadership.

Asian Institute of Technology, Thailand and **Government of Singapore** (Spring 2004). Successfully sought Singapore Government funding and took a class of 14 AIT graduate students to Singapore for a field trip to study transport policy processes, to learn what it means to have good governance, and reflect on how better governance could be brought to their own nations. Made all logistical arrangements. Scheduled meetings at multiple agencies for intensive discussions for which students were prepared prior to leaving Thailand. Students also had the opportunity to observe transport/land-use relationships in Singapore and conduct a survey at a housing estate. Upon their return, students presented critical findings to the Singapore Ambassador to Thailand at an embassy banquet.

Asian Institute of Technology, Thailand (2003-2005). Established program of extracurricular activities geared towards encouraging mixing of different national and ethnic groups on campus, and targeted primarily at lower income international students who were rarely leaving campus. Negotiated free or reduced-rate admissions to museums and national parks, chartered buses, arranged tours, ranging from seven-kilometer underground caving hike to visits to museums of Thai history. Negotiated free tickets to area musical events and arranged transportation. Attendance of hundreds of students made program the most popular on campus. Also arranged for Thailand’s most famous young composer and musician, Trisdee na Patalung, to give a piano recital on campus.

Cowards Club (2012-). Informally re-established “Cowards Club” to offer MIT and other area students lighter (and where possible educationally oriented) hikes than the official MITOC (MIT Outing Club). As well as trips to New Hampshire, conducted a hike with an attendance of 22 in Roxbury, one of Boston’s most deprived and also historical areas, with the assistance of a community leaders, to understand the area’s problems and potential.

OTHER STUDENT SUPPORT

Harvard University, Lowell House (January - June 1997). Resident member of Senior Common Room of undergraduate residence. Agreement included requirement of taking meals with students and general socializing. Advised informally on further educational opportunities and careers, offered feedback on a number of papers and theses.

Massachusetts Institute of Technology. Member, Advisory Board, *The Tech* (student newspaper) (1992 - present, with brief breaks). Advising on journalistic, personnel, and institutional issues of twice-weekly student newspaper. Major role in assisting investigating case of financial fraud in business operations.

Asian Institute of Technology, Thailand (2003-2005). Filled in for deficiencies in student support systems by offering regular student counseling sessions. Represented student cases on academic and welfare issues to administration. Gave advice on career paths and further education, helped with networking. Advised students with mental health issues and made referrals to appropriate health services. Attended student activities and encouraged campus community mixing and integration. Close relationship with Muslim students, participated in events and promoted Jewish-Islamic understanding. Defended student blocked from internet access for downloading a video copy of the Koran. Became best known and most popular faculty member on campus and was student-nominated finalist for the position of Vice President Academic Affairs with a platform of modernizing the educational program, holding faculty and administration accountable for performance, and stopping abuse of students.

Informal advising (2005-). Over 100 former AIT students have kept in touch via Facebook. Offer informal educational and career advice and specific assistance with connecting with US programs and completing application requirements. While resident in Bangladesh, advised young people on similar issues. Currently assisting a variety of international and domestic low-income applicants to US undergraduate and graduate programs, helping them understand requirements, prepare for tests, and complete applications with honesty and integrity.

Hanoikids, Hanoi, Vietnam (2013-). Adviser to Tripadvisor top-rated Hanoi tour service offered by 200-member student organization giving free tours to international visitors. Represent Hanoikids interests outside Vietnam. Coordinate with Tripadvisor and other travel industry organizations, have shut down illegal fake websites and stopped harassment of Hanoikids by competitors in the travel industry. Building relationships between Hanoikids and the international community through Hanoi embassies. Advise Hanoikids members on educational and career opportunities in the US and Europe, help with networking, and writing references in outstanding cases. Facebook message on November 20, 2013 from Hanoikid Le Son Tung who I’ve helped with a US educational application: “Yesterday was Vietnamese Teachers Day. You’d have received lots of gifts if you were here.”

Cambodian Mutual Assistance Association (CMAA), Lowell, Mass. Gave presentation for CMAA Young Professionals program on barriers to educational opportunities for talented youth and measures to overcome them. Recommended mentoring program to link smart but disadvantaged teenagers to higher education admission and funding possibilities. March 9, 2014.

Harvard University, Global Health Challenge. Facilitator, helping advise high school student teams prepare presentations on reducing “Childhood Mortality in Chad.” April 5, 2014.

EMPLOYMENT — PROFESSIONAL PRACTICE

Air Canada, Heathrow Airport, London (Summer 1978). Employed under corporate student hiring program to prepare a report on development of possible systems for productivity measurement applicable to all Air Canada operations in the European Division.

Air Canada, Montreal (Summer 1979). Employed under student hiring program to execute a survey to provide information for cargo market planning.

Southern California Association of Governments, Los Angeles (March 1982 - May 1983). Transportation Planner with responsibility for commuter and inter-city passenger rail. Projects included: commuter rail to San Bernardino/Riverside (analysis of Caltrans proposal, patronage potential, development of cost model, discussion of goals), Light Rail to Long Beach (evaluation of proposal), proposed "Bullet Trains" for the Los Angeles – San Diego corridor (evaluation of private sector proposal), and construction of fare structure for Orange County commuter rail.

City of Tustin, California (1983-1984). Evaluated demand and cost projections and operating feasibility of proposed Los Angeles – San Diego "Bullet Trains." Analysis included critique of demand, capital cost and operating cost projections and of financial planning for the high-speed rail project. Full-time consultant June – August, 1983. Continued as part-time consultant for Tustin until December, 1984.

Florida High Speed Rail Corporation (April 1987 - August 1990). Following development of guidelines for ethical conduct of market research by the High Speed Rail Association and the emergence of oversight consulting as a result of my review of high-speed rail demand estimates in California, was retained as oversight consultant for demand projections for a proposed high-speed rail service in Florida. Reviewed proposals submitted by consultants, assisted with interviewing applicants and made recommendations for consultant selection. Worked with chosen consultant to review plans for survey work and ensure that assumptions for modeling were appropriately chosen. Provided technical assistance to legal team in preparation of testimony and cross-examination of witnesses from competing applicant for the high-speed rail franchise.

Supervisor Michael Antonovich. Transportation policy adviser to Chair, Los Angeles County Transportation Commission (March 1992 - February 1993). Research and policy formulation for strategic planning, including work on resolution of transit budget shortfall; on economic/financial appraisals of transit performance; on privatization; on the case for electric and/or tracked bus service; on development of an effective 30-Year Plan for transportation in Los Angeles County; and organizational study of the needs for change and integration in the merger of two former transport agencies into a new Metropolitan Transportation Authority. General advising of commission Chair; periodic representation of Chair at policy meetings.

World Bank (July - August 1997). Consultant to the World Bank to evaluate transportation infrastructure and operations options for Mauritius and provide guidance to the Government of Mauritius in preparation of a long-term strategic transportation plan.

CBD Transport Advisory Council, Sydney (November - December 1997). Evaluated proposals and provided advice on development of public transport for Sydney central business district.

Coach USA (April - September 2002). Consulting to review pending Rhode Island legislation on transportation services contracting, competing operator costs and organizational structures, and the Rhode Island paratransit procurement process.

Integrated Transport Planning, Milton Keynes, UK. (July - September 2005). Part of team working on proposal for bus system strategic planning/financing for Noosa, Queensland, Australia. Selected and supervised subcontractor for literature survey/case-study work and participated in report completion.

Government of Mauritius. Transport Adviser (Funded by African Development Bank, September 3 - 30, 2006). Conducted breakthrough consensus-forming process to end long-term impasse in transport policy by forging agreement between public and private sector actors in transport. Chaired forums where policy options were presented and debated. Set of 18 coherent measures was accepted and recommended to Mauritius Cabinet following focusing on options most likely to be acceptable, and modifications and trades between participants to facilitate consensus. Provided the basis for subsequent Government transport policy.

Government of Singapore, Public Transport Council (May - June 2007). Transport Advisor. Advised government on alternatives for public transport system development and on measures for improving regulation, management and service delivery in the public transport sector as part of an overall government review and preparation of new land transport white paper.

Government of Mauritius. Transport Adviser (Funded by African Development Bank, from July 29 - September 20, 2007; by the World Bank, November 5, 2007 - November 4, 2008). Advised government on land transport in Mauritius, developing planning initiatives based on 2006 consensus forums recommendations. Developed concept for Mauritius Land Transport Authority as integrated planning, programming, implementation and management agency to replace three ill-coordinated bodies. Agency established by Act

of Parliament. Prepared terms of reference for consultants to build new agency with consultative and participative action learning approach. Called for consultants to help recruit at executive level and establish major new planning department, fully-accountable finance department, and modern human resources unit. Provided for anti-corruption systems as well as more democratic governance structure, drawing on creativity of employees at all levels. Conceived and wrote terms of reference for planning/implementation of comprehensive Bus Modernization Programme to bring bus rapid transit to Mauritius, restructure the national bus route system, and implement reformed regulatory and fares systems. Conceived and wrote terms of reference for Bus Replacement Program, to establish principles for bus fleet development in Mauritius. Led efforts to screen and select consultants for a range of programs. Provided wide-ranging policy advice.

Government of Dubai, Roads & Transport Authority. (Nov/Dec 2008). Advised and assisted with tender exercise for privatization of public bus services.

Government of Bangladesh, Ministry of Communications, Dhaka Transport Coordination Board. Public Transport Adviser (Funded by World Bank September 2009 - December 2010). Advised government on public transport policy with special emphasis on reform of both service delivery and institutions. Major project responsibility in area of bus rapid transport (BRT). Conceived project for corridor restructuring to reform operation of general purpose highway lanes as well as install BRT, and prepared tender documents. Worked with consulting industry to develop approach suited to the development context of Bangladesh. Also prepared project for Dhaka wide bus route restructuring and remake of regulatory, operational and managerial systems. Developed proposal for new performance-based Metropolitan Transport Authority to improve governance, and management.

GIZ (German Agency for International Cooperation) (October/November 2011). Edited and augmented chapter on "Fighting Corruption in the Transport Sector" for *Sustainable Urban Transport: A Sourcebook for Policy Makers in Developing Countries*.

Asian Development Bank, Manila (April 2013). Invited for discussions with management as well as to give a presentation on developing professionalism in developing countries and at international agencies.

World Bank, Addis Ababa (April - July 2015). Supported **Addis Ababa Road & Transport Bureau** with establishing new city agencies in the transport sector with principles of effective management and good governance and in planning for modernizing, regulating, and integrating passenger transport operations to provide best service levels and operating practices. Combined organizational development/management consulting and technical skills with an emphasis on a client-centered approach to consensus building. Brought parties together to reach agreement on key policy and organizational issues and prepared a work plan to implement the consensus reached.

STARTUPS

PRECISETRIP (2011-2013). Founder and CEO-elect of first truly global site to promote integrated booking of conventional and low-cost air carriers and market ancillary fare products. Recruited and led team, attended short course at MIT, developed business plan and support from potential business partners. Sought finance, but the concept required atypically high initial capital that proved unobtainable.

Takeoff Space (2015-) Founder and CEO-elect of nonprofit to target high-achieving disadvantaged high school students with mentoring by undergraduates at leading universities to help them to apply to top-level colleges and for scholarships. Program under development includes advocacy of participants to colleges and involvement of families in their childrens' educational processes. Have completed initial crowdfunding to support initial six-week trial program.

JOURNALISM - EDITORIAL

Editorial. Published numerous articles on transportation policy for the *Los Angeles Times*, *Sydney Morning Herald*, and elsewhere. Have written on professional ethics for *Technology Review* and governance/national issues for *Dhaka Daily Star*.

JOURNALISM - ARTS

Christian Science Monitor. Boston-area correspondent on classical music criticism. Work for the *Monitor* included 4-part series on US-Soviet Cultural Exchange (Spring 1988), research and review of the use of early fortepianos for Beethoven performance (April 10, 1989), and coverage of the Boston Early Music Festival (June 1991). Contributions mainly 1988-1991.

Opera. Ongoing correspondent for the leading critical review publication in opera. Work has included a feature on “Old Media, New Spirit?” about the impact of using period instruments in opera performances for (June 2003), and reviews of opera productions in Thailand, Mauritius, Mexico, the UK and the USA including, recently, Otello in Bangkok, Carmen in Tijuana and a Bollywood-style production of Fidelio in Milwaukee (2003 -).

Australian Jewish News. Coverage of The Israel Philharmonic Orchestra 60th Anniversary concert in Jerusalem. December 1996.

The Nation. Reviewer of opera and classical music performances and of drama/Asian Arts in Thailand for daily English-language Bangkok national newspaper. Coverage has included Opera Siam, Siam Sinfonietta, Vic Hua Hin and a puppet festival in Chiang Mai (2004-2005 and some recent activity).

The Daily Star. Reviewer of Bangladeshi classical and folk/popular music performances for daily English-language Dhaka national newspaper and magazine. Coverage included sung and instrumental recitals, a festival of mystical Baul sangeet, and a singing competition for construction workers (2009-2011 and some recent activity).

Boston Phoenix. Coverage of Angkor Dance Troupe’s *Apsara Dancing Stones*, November 2, 2012.

PUBLICATIONS — BOOKS

“Introducing Philosophical Theories to Urban Transportation Planning.” Chapter in ed. Hendler, Sue, *Planning Ethics: A Reader in Planning Theory, Practice, and Education*. New Brunswick, NJ: Center for Urban Policy Research. 1995: 301-320. Based on *Systems Research* article (see below).

The Private Provision of Public Transport. Taubman Center for State and Local Government, John F. Kennedy School of Government, Harvard University. January 2001. ISBN 0-9709022-0-4. *Journal of the American Planning Association* review: “should be required reading for all researchers and practitioners involved in the delivery of urban mass transportation... promises to become the definitive coverage of the current state of affairs in transit privatization in the U.S. at the opening of the 21st century.”

Transport of Delight — The Mythical Conception of Rail Transit in Los Angeles. Based on updated MIT doctoral dissertation. Technology and the Environment series, University of Akron Press, January 2005. From reviews: *Technology and Culture*: “Transport of Delight presents an excellent case study in the power of myth, and it provides us with a compelling picture of a place where culture and technology blend seamlessly.” *Journal of Regional Science*: “In examining the mythical power of rail, he departs from the role of a transport planner/economist and carves a new analytic niche that only he seems to occupy: transport anthropologist.”

“Denver” case study in ed. Clucas, Richard A., *State and Local Politics Reader*. Chapter 10: “State and Local Bureaucracies: The Concept of Privatization.” Boston: Houghton Mifflin, April 2005: 243-249. Reprinted chapter from *The Private Provision of Public Transport*.

PUBLICATIONS — REFEREED JOURNAL ARTICLES

“Introducing Philosophical Theories to Urban Transportation Planning or Why All Planners Should Practice Bursting Bubbles.” *Systems Research*, Vol. 7, No. 1. March 1990: 47-56.

“Simplicity and Complexity in Design for Transportation Systems and Urban Forms.” *Journal of Planning Education and Research*, Vol. 17, No. 3. Spring 1998: 220-230.

“The Mythical Conception of Rail Transit in Los Angeles.” *Journal of Architectural and Planning Research*, Vol. 15, No. 4. Winter 1998: 294-320.

“A Whole-System Approach to Evaluating Urban Transit Investments.” *Transport Reviews*, Vol. 21, No. 2. April - June 2001: 141-179.

“Bringing Critical Thinking to the Education of Developing Country Professionals.” *International Education Journal*, Vol. 8, No. 1, April 2007:1-29.

“Transporting Singapore – The Air-Conditioned Nation.” *Transport Reviews*, Vol. 28, No. 3, May 2008: 357-390.

OTHER ACADEMIC JOURNAL PUBLICATIONS

“Soho — Encroachment on an Urban Village.” *HORIZON*. Vol. 26. 1978.

“Flying the Tube — A Trip in the Right Direction?” *HORIZON*. Vol. 27. 1979.

Ed. Martin Wachs, *Ethics in Planning*. Book review in *Journal of the American Planning Association*. Summer 1986: 370-371.

“Mental Barriers to Learning and Creativity in Transportation Planning.” *Carolina Planning*. Vol. 13, No. 1. Fall, 1987: 42-53.

“Moving Beyond Imagery.” Commentary article. *Carolina Planning*. Vol. 13, No. 1. Fall, 1987: 45-57.

Ed. Susan Hanson, *The Geography of Urban Transportation*, 2nd Edition. Book review in *Journal of Planning Education and Research*. Vol. 16, No. 2. Winter, 1996: 155-156.

“Donald Schön — A Life of Reflection.” Wrote contribution and edited compilation of submissions from ACSP conference session in honor of Prof. Schön’s memory. *Journal of Planning Literature*. Vol. 13, No. 1. August 1998: 3-10.

Flyvbjerg, Bent et. al., *Megaprojects and Risk*. Book review in *Planning Theory*, Vol. 4, No. 1, 2005, p. 115-119.

“Learning from Mel.” Mel Webber 1920-2006. Special Issue, *Access*, Winter 2006-2007:27-28.

Schrag, Zachary M., *The Great Society Subway: A History of the Washington Metro*. Book review, *Journal of Urban Affairs*, Vol. 30, No. 5, 2008, 583-585.

PUBLICATIONS — OTHER ACADEMIC

The MBTA and the Transit Crisis in Boston: The Politics of Change. MIT Center for Transportation Studies. Case study CTS-80-1. 1980.

“The Impossible Balance in Sydney.” Institute of Transport Studies, University of Sydney, *Working Paper* ITS-WP-95-9. July 1995.

Designing Transport & Urban Forms for the Australia of the 21st Century. Edited proceedings of workshop at Institute of Transport Studies, Sydney on April 30, 1996 and wrote introduction. Contributed paper on “Simplicity and Complexity in Design for Transport Systems and Urban Forms.” Institute of Transport Studies, Sydney, *Working Paper* ITS-WP-96-5. April 1996.

New Rail Transit Investments — A Review. Taubman Center for State and Local Government, John F. Kennedy School of Government, Harvard University. June 1998.

Choices for Mobility Enhancement in the Greenbush Corridor — A Review. Taubman Center for State and Local Government, John F. Kennedy School of Government, Harvard University. October 1999.

CONSULTING REPORTS (NON-CONFIDENTIAL)

Slicing The Cake: The Case for a Los Angeles – San Diego Bullet Train Service. Tustin, Calif: City of Tustin. August 1983.

Bullet Train Results Depend Upon An Error Of Computation. Tustin, Calif: City of Tustin. November 1984.

The Costs of Contracted Service: An Assessment of Assessments. County of Los Angeles, office of Supervisor Michael Antonovich. July 1992.

Organizational Design in the Merger Process — A Review. County of Los Angeles, office of Supervisor Michael Antonovich. February 1993.

Mauritius Transport Consensus Forums – Briefing to the Hon. Members of the Cabinet. Government of Mauritius, September 28, 2006.

EDITORIAL/OPINION ARTICLES

“The Costly Lure of the Bullet Train — Legislature Acts Quickly and Blindly on an Untested Scheme.” Editorial article. *Los Angeles Times*. September 8, 1982.

“Metro Rail: Wrong Track to Meeting Transit Needs.” Editorial article. *Los Angeles Times*. February 15, 1985.

“Light Rail: the dream vs. reality; Despite glowing imagery, few tangible benefits.” Editorial article. *Long Beach Press-Telegram*. January 24, 1986.

“Rail Transportation.” Viewpoint article. *The Tab* (Boston area newspaper). May 17, 1988.

“Ethical Tools More Useful than Rules.” *Technology Review*. May, 1989.

“The Little Engine That Couldn’t.” Editorial article. *Los Angeles Times*. July 13, 1990.

“Raising Bus Fares Would Make Them Less Fair.” Editorial article. *Los Angeles Times*. June 17, 1994;

“Why the Car is Still King of the Road.” Editorial article. *The Sydney Morning Herald*. May 2, 1996.

“MTA Fat, Union Waste Are Both to Blame.” Editorial article. *Los Angeles Times*. September 29, 2000.

“The Costly Triumph of Ideology.” Editorial article. *Los Angeles Times*. January 21, 2001. Reprinted in *Bus Ride* (bus industry magazine), March 2001.

“Can Reorganization Tame the MTA Beast?” Editorial article. *Los Angeles Times*. March 3, 2002.

“Derail Trains and Ding Drivers.” Editorial article. *Los Angeles Times*. April 17, 2005.

“A Bangla Language of Government.” Editorial Article. *The Daily Star*, Dhaka, Bangladesh, February 27, 2007.

“A Memorable Evening at Shilpakala Academy.” Editorial Article. *The Daily Star*, Dhaka Bangladesh, December 21, 2009.

ARTS REVIEWS/ARTICLES (SELECTION FROM MANY PUBLISHED)

“Soviet artist Bashmet makes whole new instrument out of the viola.” *Christian Science Monitor*, March 23, 1988.

“Musical tribute to a betrayed hero. ‘Estrella,’ new Peter Child cantata, tells story of a Nicaraguan martyr.” *Christian Science Monitor*, December 15, 1988.

“Music Weekends Make an ‘Experience.’” *Christian Science Monitor*, March 23, 1989.

“In Pursuit of Beethoven’s Own Sound.” *Christian Science Monitor*, April 10, 1989.

“Norrington’s Reading of ‘Idomeneo’ Was Highlight at Boston’s Orgy of Ancient Music.” *Christian Science Monitor*, July 11, 1989.

“Are Beethoven’s Metronome Markings Dependable Guides to Tempos? - Some Doubt It.” *Christian Science Monitor*, April 3, 1990.

“Authentic’ Speeded-Up Beethoven Lacks Depth.” *Christian Science Monitor*, April 3, 1990.

“The Virtues - And Traps - Of Early Music.” *Christian Science Monitor*, June 17, 1991.

“Lowell House Opera: Yossele Solovey: work of genius.” *The Tech*, March 12, 1999.

“Old Media, New Spirit?” *Opera*, June 2003.

“A Musical Construction.” *Daily Star Magazine*, Dhaka, November 13, 2009: 30-31.

“Treading the enlightened path. Music festival in honour of Shah Abdul Karim.” *Daily Star*, Dhaka, March 10, 2010.

Review of Bizet’s *Les pêcheurs de perles* in Mauritius. *Opera*, December 2009.

“The Vic is in Full Swing.” *The Nation*, Bangkok, December 20, 2010.

“Somtow gives death the last laugh. Siam Opera takes a dark turn in a powerful production of ‘Savitri’ by Gustav Holst.” *The Nation*, Bangkok, December 20, 2010.

“Meherjaan on tour.” *Daily Star*, Dhaka, November 16, 2011.

“Angkor Dance Troupe’s Apsara Dancing Stones.” *Boston Phoenix*, November 2, 2012.

“Somtow transcendent. ‘The Silent Prince’ is a stunning opera - and a lesson for our times.” *The Nation*, Bangkok, December 11, 2012.

“A Royal Play Raised High. ‘Viva Phra Samut’ at the Vic Hua Hin restores joy and meaning to Rama Vi’s old story.” *The Nation*, Bangkok, December 17, 2012.

Review of Bizet’s *Carmen* in Tijuana, Mexico. *Opera*, January 2013.

“Strange Creatures Come to Life. Chiang Mai thrills to the best of Southeast Asian puppetry.” *The Nation*, Bangkok, February 28, 2013.

Review of Verdi's *Otello* in Bangkok. *Opera*, June 2013.

Review of Beethoven's *Fidelio* in Milwaukee. *Opera*, February 2014.

PRESENTATIONS – PUBLIC TESTIMONY

California Senate Transportation Committee. Testimony as expert witness on high-speed rail demand projections. May 1983.

Independent Pricing and Regulatory Tribunal of New South Wales. Testified on “Review of Pricing Principles for Countrylink” intercity rail passenger service in New South Wales. Recommended changes to intercity passenger policy to benefit special needs groups and improve efficiency. November 27, 1996.

Hillsborough County, Florida, Committee of 99. Presented findings of “*New Rail Transit Investments – A Review.*” Tampa. September 14, 1999.

Minnesota House Government Finance Committee. Testimony as expert witness on transit investment decision-making, with presentation of findings from “*New Rail Transit Investments – A Review.*” St. Paul. December 7, 1999.

PRESENTATIONS – CONFERENCES

Association of Collegiate Schools of Planning:

- “Introducing Philosophical Theories to Urban Transportation Planning, or Why All Planners Should Take Regular Bubble Baths.” Los Angeles. November 7, 1987.
- “Theories of Symbolism, Metaphor and Myth, and the Development of Western Rail Passenger Systems or Penis Envy in Los Angeles.” Portland, Oregon. October 7, 1989.
- “The Mythical Role of Forecasting in Transportation Planning.” Austin, Texas. November 4, 1990.
- “Transport of Delight — The Mythical Conception of Rail Transit in Los Angeles.” Oxford (with Association of European Schools of Planning). July 9, 1991.
- “Providing Therapy for Planning Politicians” [helping politicians reflect]. Columbus, Ohio. November 1, 1992.
- “Planning for Change in Public Transportation Agencies.” [based on work on the merger of two former agencies to create a new Metropolitan Transportation Authority in Los Angeles]. Philadelphia. October 29, 1993.
- “Teaching Mindsearching in Planning” [developing reflective ways of teaching]. Phoenix. November 4, 1994.
- “West Churchman — In the Service of Humanity.” Organized and chaired panel, and gave presentation in honor of C. West Churchman. Also gave presentation on “Learning By Teaching” [getting students to participate in the planning process]. Detroit. October, 1995.
- “Donald Schön — A Life of Reflection.” Chaired conference session and made presentation. Chaired session on “Rail Transit” and presented paper on “New Transit Systems for American Cities: A Pause for Questions.” Chaired session on “History and Transcendence.” Respondent to papers at session on “International Planning Experiences in Creating Communities.” Fort Lauderdale. November, 1997.
- “Policy for Choosing New Urban Transportation Developments — A New Systems View.” Pasadena, California. November 1998.
- Presented paper on “The Political Origins of Transit Megaprojects,” and panelist on “Teaching Planning Ethics.” Chicago. October 1999.

Transportation Research Board. Presentation of findings of Los Angeles – San Diego high-speed rail plan evaluation at annual conference. January 1984.

Transportation Research Board Executive Committee. Keynote luncheon speaker. Provided critical commentary on high-speed rail proposals in the United States and on analytical procedures for their assessment. January 9, 1990.

World Conference on Transport Research, University of California, Berkeley. Organized and led conference field visit to Google to study providing transportation services for high-tech companies and Google's innovative approach to the problem. Also presented papers on “Bringing Critical Thinking to the

Education of Developing Country Professionals” and “Transporting Singapore – The Air-Conditioned Nation.” June 24-28, 2007.

PRESENTATIONS – SEMINARS

Presentations of Doctoral Dissertation Research Findings. University of Auckland, Department of Town Planning, Auckland, New Zealand. August 7, 1991. University of South Australia, Department of Town Planning, Adelaide, Australia. August 21, 1991. University of California, Los Angeles, Graduate School of Architecture and Urban Planning. February 25, 1992. University of California, Berkeley, Institute of Urban and Regional Development. March 3, 1992. University of Sydney, Department of Urban and Regional Planning, Sydney, Australia. August 28, 1992. London School of Economics and Political Science, Geography, Environment and Planning Research Seminar. January 11, 1996.

Railway Progress Institute. Luncheon speaker at Institute meeting. Washington DC. December 1983.

London Business School. “Systems Theory and the Concept of a Learning Centre.” Strategic and International Management Seminar series. May 1, 1991.

New South Wales Department of Transport. “The Impossible Balance in Sydney.” Seminar on the New South Wales *Integrated Transport Plan* to mark appointment at University of Sydney. Sydney. April 11, 1995.

University of Sydney, Institute of Transport Studies.

- “Reflecting on Transport Systems.” Seminar series for transportation professionals. Sept - Nov. 1995. Organized and chaired three day-long sessions with Australia-wide attendance:
- “Reflecting on Transport and Urban Form for the Australia of the 21st Century.” November 13, 1995.
- “Designing Transport and Urban Forms for the Australia of the 21st Century.” Also presented paper on “Simplicity and Complexity in Design for Transport Systems and Urban Forms.” April 30, 1996.
- “Transport for the Olympics — Making it Work: A First Forum.” November 5, 1996.

Massachusetts Institute of Technology, Transit Interest Group, Department of Civil Engineering. “Simplicity and Complexity in Transit System Design.” April 8, 1996.

New South Wales Department of Transport, Sydney. Organized and chaired seminar on parking policy for New South Wales. 24 June, 1996.

New Rail Transit Investments – A Review. Presented at lecture to Department of Urban Studies & Planning, **Portland State University** and at luncheon address to **Cascade Policy Institute** on October 2, 1998; for **MIT** Center for Transportation Studies Research Seminar series on December 11, 1998; at A. Alfred Taubman Center seminar series at John F. Kennedy School of Government, **Harvard University** on December 15, 1998; and at **Taxpayers League of Minnesota** luncheon on December 7, 1999 (see also “Public Testimony” above).

Briefing on Competition, Privatization, and Public Sector Finance for Transport Projects. Invited guests and organized briefing for visiting all-party delegation from the London Assembly at **MIT**. Gave presentation on *The Private Provision of Public Transport* book. Session introduced by Yossi Sheffi, Director MIT Center for Transportation Studies. Invited speakers included Dan Ivin (Managing Director, PaineWebber New England Public Finance Group); MIT Professor John Miller; and Fred Salvucci (MIT Senior Lecturer and former Massachusetts Secretary of Transportation). March 1, 2001.

The Private Provision of Public Transport. Presentations on book at **University of California, Berkeley**, Institute of Transportation Studies, March 19, 2001; **MIT**, Center for Transportation Studies Distinguished Speaker Series, November 2, 2001; A. Alfred Taubman Center for State and Local Government, John F. Kennedy School of Government, **Harvard University**, April 22, 2002 (followed by a response from former Indianapolis mayor, Stephen Goldsmith); and **World Bank** Urban Transport Thematic Group, July 2, 2002.

Massachusetts Institute of Technology, Department of Civil and Environmental Engineering. “Transporting the Air-Conditioned Nation.” Seminar to present Singapore transportation system research findings. Department of Civil & Environmental Engineering, MIT. April 9, 2004.

Asian Institute of Technology Extension Training Program. “Overview of Urban Transportation Planning and Management” for professional development program on “Traffic Engineering, Management and Safety” for visiting delegation from Bangladesh. May 31, 2004. Repeated March 14, 2005.

Asian Institute of Technology. “Morality, Thought, and Action in Professional Practice: Lectures in Honor of C. West Churchman.” Four public lectures given March/April 2005: 1: “Escaping Assumptions: Towards an Unbounded Systems Approach.” 2: “Moral Philosophy and Cost-Benefit Analysis.” 3: “How to Lie with Statistics: the Perils of Forecasting.” 4: “Transport of Delight — The Mythical Conception of Rail Transit in Los Angeles.”

Key Issues in Urban Transport for Developing Countries. Presented at **Khulna University**, Urban and Rural Planning Discipline, Feb 2, 2007; **Chittagong University of Engineering and Technology**, Department of Civil Engineering, Feb. 12, 2007, **Bangladesh University of Engineering and Technology**, Department of Urban and Regional Planning, Feb. 25, 2007, **Bangladesh University of Engineering and Technology**, Department of Civil Engineering, Feb. 26, 2007.

Chittagong University of Engineering and Technology, Department of Civil Engineering. “Escaping Assumptions: Towards an Unbounded Systems Approach.” Feb. 12, 2007.

University of the Witwatersrand, Johannesburg, School of Architecture and Planning, Cities Seminar. “Transport of Delight — The Mythical Conception of Rail Transit in Los Angeles.” April 22, 2008.

Israeli Association of Transport Research, Tel Aviv. “Transporting Singapore – The Air-Conditioned Nation.” May 28, 2008.

Approaches to Professionalism in the Face of Mismanagement or Corruption in Developing Countries. Presented at **University of Sri Jayewardenepura**, Colombo, Faculty of Management Studies & Commerce, Feb. 25, 2011; **Open University of Sri Lanka**, Department of Social Studies & **Marga Institute**, Centre for Development Studies, Feb. 26, 2011; **University of California, Berkeley**, Institute of Urban and Regional Development, March 18, 2011; **Florida International University**, School of International and Public Affairs, March 24, 2011; **University of Pittsburgh**, Graduate School of Public and International Affairs, March 28, 2011; **MIT Center for Transportation and Logistics Distinguished Speakers Series**, April 1, 2011, **Clark University**, Department of International Development, Community and Environment, April 7, 2011; **Rutgers University**, Edward J. Bloustein School of Planning and Public Policy, April 12, 2011; **Columbia University**, School of International and Public Affairs, April 13, 2011; **Taipei National University**, International Program on Urban Governance, March 29, 2013; **Asian Development Bank**, Manila, April 9, 2013. **Jammal Lecture** as Jammal Fellow in International Planning, **State University of New York at Buffalo**, Feb. 26, 2014; **University of Southern California**, Price School of Public Policy, Nov. 25, 2014, **Harvey Mudd College**, Department of Engineering, Dec. 1, 2014.

World Bank, Washington DC. Office of the Integrity Vice Presidency. Discussion forum on integrity/corruption in the transport sector. Invited discussion panelist. March 29, 2011.

World Bank, Washington DC. Transport Forum 2011. Innovation in Transport & Governance: Review and Discussion of World Bank Institutional Integrity Department Report on Road Projects. Invited discussion panelist. March 30, 2011.

Taipei National University, International Program on Urban Governance, conducted student seminar on developing new approaches to better governance in developing country governments and international development agencies, March 28, 2013.

Escaping Traps of the Mind. An Najah National University, Nablus, Faculty of Engineering & Information Technology (August 11, 2015) and Coalition of Creative Minds, **University of Massachusetts, Lowell** (Nov. 17, 2015). Seminar on the morality of thought with thought experiments to help identify why we make mistakes and discussion of the moral pitfalls of making untested assumptions.

MEDIA COVERAGE

Have frequently assisted the news media and received coverage of my work in publications such as *The Wall St. Journal*, *USA Today*, *Los Angeles Times*, *New York Times*, *The Australian*, *Forbes*, and *The Economist*.

PROFESSIONAL CAPABILITIES SUMMARY

Teaching. Critical review of development approaches and practices in developing countries and in international organizations. New theories and models for enhancing development processes. Building effective institutions in developing countries and international organizations. Replacing corruption with good governance. Fostering reflective professionalism for individual and organizational learning and practice in developing countries. Systems approach to transportation/infrastructure design and planning for sustainable environments and equitable outcomes in developed and developing countries. Philosophy of engineering and policy analysis. Ethical epistemology. Professional ethics. Myth, metaphor and symbolism for understanding cognition and decision making in professional life and politics. Undergraduate seminars on a variety of topics emphasizing critical thinking and effective communication. Implementation of innovative learning approaches such as courses conducted simultaneously at universities in different countries via video link. International field visits with emphasis on interaction with local peer groups and active processes of inquiry and learning. Student counseling. Promotion of on-campus diversity and recruitment of students from deprived backgrounds. Designing and implementing responses to academic and other special needs of international and immigrant students. Assistance with student activities. Focus on communication and integration between different groups on campus. One-day/short-term seminars for development professionals in developing country governments, international agencies and NGOs, with focus on skills for reflective practice, successful project implementation and for promoting good governance, as well as in the specialized area of transportation.

Research. Evaluation of current processes of development in developing countries and as practiced by international funding agencies. Studies of organizational functions and of professional operating practices. Studies of institutional/individual learning for design of improved policy/management processes in public/private sectors. Interactive action learning approach to surface assumptions, pinpoint areas for redesign, and develop and test new models for more effective development practice. Research on issues of corruption and mismanagement to develop paths to reform. Study of role of young professionals in development and ways to empower them and build their career effectiveness. Case studies in countries and agencies. Pedagogical research into development of reflective educational programs at undergraduate/graduate/professional levels, with consideration of special needs of international and immigrant students.

Urban transportation planning/policy/management. Evaluation of urban transit performance. Strategies for urban transport development in developing countries with respect to mobility, economic, equity, environmental, organizational and cultural issues. Study of the role of the informal sector in public transportation provision.

Consulting/Advising: Advising for government and public service operators. Public and quasi-private organizational design and facilitation of organizational learning for better governance and effectiveness at program implementation. Communication techniques for developing country public policy consensus formation. Improving organizational and personnel effectiveness in international development agencies. Design of effective training programs for development professionals. Corruption control/governance enhancement in developing countries. Ethical oversight monitoring of consulting contracts. Review and enhancement of methodologies for project selection and procurement of services. Design/implementation of transport infrastructure and related operational and management systems with focus on building sustainable and equitable systems and on reforming public management in both developed and developing countries. Educational programs for elected officials/professionals.

Arts: Western and Asian music and drama criticism. Arts organization programming and marketing.

LANGUAGES

French spoken well. Written French workable.

OTHER ACTIVITIES

Donald Schön Award Committee. Continuing member of MIT-based panel which developed and awards the annual Association of Collegiate Schools of Planning (ACSP) Donald Schön Award for Excellence in Learning from Practice.

Reviewing. Reviewer of papers for a variety of journals; of abstracts for ACSP conferences; and of proposals for National Science Foundation and other major research grant funding.

Travel. Extensive travel, often involving use of public transport and visits to remote areas to appreciate local

culture. In addition to travel in Europe, Canada and the USA, have visited Australia, Bangladesh, Bermuda, Bhutan, Bolivia, Cambodia, China, Cuba, Egypt, Ethiopia, India, Indonesia, Israel, Japan, Jordan, Kenya, Laos, Madagascar, Malaysia, Maldives, Mauritius, Mexico, Morocco, Myanmar, Nepal, New Zealand, Peru, the Philippines, Reunion, Seychelles, Singapore, South Africa, Sri Lanka, Taiwan, Thailand, Tibet, Turkey, the UAE, and Vietnam.

LEGAL WORK STATUS

British citizen. Permanent Resident (“Green Card” holder) of USA (“Alien of Extraordinary Ability” category).

REFEREES

Alan Altshuler, Distinguished Service Professor Emeritus, Graduate School of Design, Harvard University, Cambridge MA 02138. alan_altshuler@harvard.edu (617) 489-0240.

Martin Wachs, Professor Emeritus of Urban Planning, UCLA, Los Angeles CA 90024. mwachs@ucla.edu (323) 424-4075 cell: (310) 741-9649.

Solomon Zegeye, General Manager, Transport Programs Management Office, Addis Ababa Road and Transport Bureau, Addis Ababa, Ethiopia. s.k.zegeye@gmail.com +251 922853005.

Lloyd Wright, Senior Transport Specialist, Regional and Sustainable Development Department, Asian Development Bank, Manila, Philippines. lwright@adb.org +639274861846

Reference letter written by the late Professor **Donald Schön** available here.