

PERSONAL DATA

NAME Dr. David J. Edelman, Eur Ing SIA/AICP

E-mail (w): david.edelman@uc.edu

PRESENT POSITION Professor and Director
School of Planning
University of Cincinnati, Ohio, USA

HIGHER EDUCATION

1967 One-Year Program in Middle Eastern Studies
Hebrew University, Jerusalem, Israel

1968 B.A. in History
University of Rochester, New York, USA

1969 Semester Postgraduate Program in West African Studies and Education
North Carolina Central University, North Carolina, USA

1974 M.R.P. in Urban Planning and Development, Department of City and Regional
Planning
Cornell University, New York, USA

1978 Ph.D. in Policy Planning and Regional Analysis, Graduate Field of City and
Regional Planning
Cornell University, New York, USA

1988 Certificate in Management
Motor-Columbus AG Postgraduate Program, Baden, Switzerland

SPECIAL COURSES

- 1989 Management of Industrial Investment Projects
German Society for Project Management, Munich, Germany
- 1990 Introduction to the Headquarters of Swiss Development Cooperation (SDC)
Swiss Federal Department of Foreign Affairs, Bern, Switzerland
- 1999 American Collegiate Schools of Planning Administrators Workshop
College of Urban Planning & Public Affairs, University of Illinois at Chicago,
Chicago, IL, USA
- 2001 Management Advancement Program
University of Cincinnati, Cincinnati, OH, USA
- 2002 Academic Leadership Program
University of Cincinnati, Cincinnati, OH, USA

PROFESSIONAL LICENSES

- 1963 USA Merchant Mariner's License
- 1968 Secondary School Social Science Teacher, New York City, USA
- 1968 Social Worker, Suffolk County, N.Y., USA
- 1978 Member, American Institute of Certified Planners (AICP), Reg.Nr.2890
- 1985 Member, Swiss Association of Engineers and Architects (SIA)
- 1994 Member, Royal Institute of Engineers, The Netherlands (KIVI NIRIA),
Reg.Nr.027424
- 1994 Registered European Engineer (Eur Ing), Fédération Européenne d'Associations
Nationales d'Ingénieurs (FEANI), Reg.Nr.17924 NL

PROFESSIONAL AFFILIATIONS

American Planning Association (APA)
Fulbright Association

LANGUAGES

English, German, Dutch
Knowledge of French, Hebrew and Spanish

COUNTRIES OF

Austria, Bangladesh, Barbados, Belgium, Brazil, Bolivia, Cameroon, China,

**PROFESSIONAL
EXPERIENCE**

Colombia, Dominican Republic, Dubai, Ecuador, France, Germany, Greece, Guatemala, Haiti, Hong Kong, India, Indonesia, Israel, Italy, Jamaica, Japan, Kenya, Laos, Liberia, Malaysia, Mexico, Nepal, The Netherlands, Nigeria, Panama, Peru, Philippines, Poland, South Africa, Switzerland, Thailand, Turkey, Ukraine, United Kingdom, USA, Vietnam

PROFESSIONAL EXPERIENCE

Since 1998

University of Cincinnati, College of Design, Architecture, Art and Planning (DAAP), Cincinnati, Ohio, USA
Professor of Planning and Director of the School of Planning

As Director of the School, currently leads 16 full-time and 16 adjunct faculty members in three undergraduate programs: a PAB-accredited, cooperative education-centered and studio-based urban planning (BUP) program, an urban studies (BSUS) program and a Certificate in Urban Planning for non-planning majors. The School also has a PAB accredited two-year Master of Community Planning (MCP) program, including an innovative accelerated one-year option for mid-career professionals, developed by Prof. Edelman and initiated in September 2001. Other new programs include offering the MCP (1) incorporating US Peace Corps service through the Masters International Program (initiated in 2003) and (2) incorporating post-Peace Corps community service in the US through the Peace Corps Fellows/USA Program (initiated in 2004). A PhD program in Regional Development Planning began operating in September 2002. Two Certificates at both the graduate and undergraduate levels are also found in the School. One is in Historic Preservation and is a partnership with the School of Architecture and Interior Design (SAID) and the Department of History, and the other is in Geographic Information Systems (GIS) and is offered with the Department of Geography. A joint MCP/JD program is operated with the College of Law, and a joint MCP/MA program with the Department of Geography. A new joint MCP/MS Arch program is operated with SAID (initiated 2006), and joint MCP/MArch, BS Urban Studies/BA Women's Studies and MCP/MA Women's Studies programs are in development.

The School's current enrollment is approximately 195 undergraduate and 115 graduate students. In addition to the day-to-day administration of the School, Prof. Edelman directs all graduate studies, coordinated the first year of the PhD program, and is a member of the graduate faculty of the University. He is responsible for stimulating faculty research, monitoring and updating curricula, attracting a larger and stronger student body and strengthening educational programs. He also is in charge of mentoring junior faculty, building graduate programs, obtaining external funding and developing relations with colleagues and institutions domestically and internationally.

University Service

- Member, University Grievance Committee, University of Cincinnati, 2008 -
- Member, School of Planning Committee to Adapt the PhD Program to the Semester System, University of Cincinnati, 2008 -
- Member, Taft-Niehoff Community Scholar Faculty Committee, University of Cincinnati, 2007 -
- Member, All University Governance Committee on International Affairs and its Study Abroad and Exchange Subcommittee, University of Cincinnati, 2007
- Member, Committee to Review Graduate Review, the Graduate School, University of Cincinnati, 2006
- Member, College of Design, Architecture, Art and Planning Scholarship Event Taskforce, University of Cincinnati, 2006

- Member, Standards on Education Abroad Committee, University of Cincinnati, 2006
- Member, Tenth Anniversary Celebration Committee for the Peter Eisenman designed Aronoff Center for Design and Art, University of Cincinnati, 2005 - 2006
- Member, Graduate School Website Review Committee, 2005
- Member, College of Design, Architecture, Art and Planning Reappointment, Promotion and Tenure Taskforce, 2004 - 2005
- Co-leader UC/21 strategic planning group for the College of Design, Architecture, Art and Planning with regard to resource allocation, 2004
- Manager of the School's PAB re-accreditation process for the BUP and MCP programs, 2007 and 2002 - 2003 and the University of Cincinnati's Graduate Program Review of the MCP program, 2004; prepared five extensive self-study reports for these reviews
- Member, C-Ring Selection Committee (UC's top award for graduating women), 2003 -
- Member, University of Cincinnati Civic Engagement Council, 2003 -
- Member, Search Committee for the Facilities Manager and for the Audiovisual Services Manager, College of Design, Architecture, Art and Planning, 2002
- Member, International Advisory Board, Institute for Global Studies & Affairs, University of Cincinnati, 2002 - 2004
- Member, Fulbright Selection Committee, University of Cincinnati, 2002 -
- Member, Strategic Planning Committee for the Chinese Market, University of Cincinnati, 2002
- Chair, Search Committee for the Director of the School of Architecture and Interior Design, College of Design, Architecture, Art and Planning, 2002 - 2003
- Chair, Search Committee for a Visiting Assistant/Associate Professor of Planning, 2001
- Member, University of Cincinnati Advisory Committee to the Maternal & Health Leadership Education in Neurodevelopmental Disabilities (LEND) Project of CCCDD/Division of Developmental Disabilities of Children's Hospital Medical Center (CHMC), 2001 - 2006
- Member, Search Committee for the new Director of the School of Architecture and Interior Design, 2000
- Member, Search Committee for the new Assistant Professor of Professional Education in Planning and Industrial Design, 2000
- Chair, University Graduate Council Program Review Committee for the Master's degree program in secondary education, 2000
- Member of the Budget and Priorities Committee of the Faculty Senate, 2000 - 2002
- Member of the Graduate Standards Subcommittee of the University Graduate Council, 2000 - 2001
- Member, University New Faculty Mentoring Program, 2000 - 2001; 2004 - 2005
- Member, Search Committee for the new Associate Director of the Institute for Global Studies and Affairs, 2000
- Member, DAAP College Library Committee, 2000 - 2001
- Member of the University Interdisciplinary Studies PhD Screening Committee, 1999 - 2001
- Member of the University Executive Committee for Main Street, responsible for supervising student affairs and recreation redevelopment of the campus, 1999 - 2006
- Member of the Graduate Faculty Nominations Committee, 1999 - 2000

- Member of the Faculty Senate, 1999 – 2001
- Faculty Representative to the University Graduate Council, 1999 – 2001
- Chair, Strategic Planning Committee of the College of Design, Architecture, Art and Planning and primary author of its five-year plan, “Design, Architecture, Art and Planning: Progress and Consolidation, 2000 - 2004,” 1999
- Initiator (with Roger Barry) of articulation agreements with community colleges in the states of Ohio and Kentucky. To date, agreements have been reached with six community colleges in Ohio and with the state system of Kentucky, 1999 – 2002
- University Commencement Marshal, 1999 -
- Member, Executive Committee of the College, 1998 –
- Negotiator for the exchange of faculty, graduate students and undergraduate students with LABOR (a Peruvian NGO) in Ilo (1998), the Institute for Housing and Urban Development Studies in Rotterdam (1998 - 2002), Galilee College in Tivon (2000), the University of Amsterdam (2000 -), the University of Strathclyde in Glasgow (2000 - 2003) and Istanbul Technical University (2004 -)
- Member of the University Graduate Assistant Teaching/Research Effectiveness Workshop Committee, 1998 & 1999

Community Service

- Member, Urban Renaissance Team of the Cincinnati USA Regional Chamber’s Shared Civic Agenda Taskforce; also member of the leadership team, Cincinnati, OH, 2007 -
- Member, Mayor’s Working Group for the Reestablishment of the City Planning Department, Cincinnati, OH, 2006
- Member of the Board, Citizens for Civic Renewal, Cincinnati, OH, 2005 -
- Member, Master in Public Policy (MPP) Task Force, a committee to establish this degree within the Institute for Public Leadership and Public Affairs at Northern Kentucky University, Highland Heights, KY, 2005 - 2006
- Member, Commercial & Industrial Associates, a civic affairs grouping of the commercial and industrial real estate community in Cincinnati, OH, 2004 -
- Founding member, Greater Cincinnati Humanities Circle, Ohio Humanities Council, Cincinnati, OH, 2004
- Member, Social Research Council, United Way and Community Chest of Greater Cincinnati, Cincinnati, OH, 2003 –
- Professional Host, International Visitors’ Council of Greater Cincinnati, 2003
- Member, Advisory Committee for Eastern European Technical Assistance to the City Manager, City of Cincinnati, OH, 2003
- Chair, United Way Strategic Direction Environmental Scan & Situation Analysis Group, Cincinnati United Way and Community Chest, 2001
- Member of the Ohio Department of Transportation Interstate 75 Corridor Study Steering Committee, 2000 - 2001
- Moderator, Forum on “Smart Growth Solutions to Urban Sprawl,” an initiative of the Hamilton County Environmental Priorities Project (HCEPP), 11 January 2000
- Moderator, Plenary Session: American Issues at the 1999 National United Way Community Leader’s Conference, Albert B. Sabin Cincinnati Convention Center, 15 April 1999
- Board Member, Cincinnati – Kharkiv (Ukraine) Sister City Project, 1999 – 2005

Service to the Profession

- Member, Fulbright Hays Program National Screening Committee for Architecture, 2008 -
- Member of the Panels on Establishing Priorities and Refocusing and Curriculum Revisions at the New Chairs' School of the Association of Collegiate Schools of Planning, Bethesda North, MD, 23 October 2008.
- External reviewer of candidates for promotion and tenure in planning, University of Lagos, 2008, University of California, Irvine, 2006 and Indiana University, Indianapolis, 2002
- External reviewer of graduate degree program in urban planning, University of Wisconsin-Milwaukee, February 2006
- Host of the New Chairs' School and Administrator's Conference of the Association of Collegiate Schools of Planning (Conference Coordinator: Jay Chatterjee) at the University of Cincinnati, 31 March – 3 April 2004; Member of the Panel on Budgeting and Finance: Exchange the Dwindling Traditional Sources of Financing with Innovative Solutions
- Member, President's Panel on International Exchanges, Conference of the Association of Collegiate Schools of Planning, Portland, OR, 20 – 24 October, 2004
- Member, Board of Trustees, Ohio Planning Conference (OPC), the Ohio branch of the American Planning Association (APA), the national organization of professional planners, 2004 -
- Member, ACSP Committee on the Incorporation of the Issues and Perspectives of Planning Practice in Planning Education, 2004 -
- Member, ACSA/ACSP Taskforce on Architecture and Planning, 2003 –
- Member, Scientific Committee, International Conference on "Quality of Urban Life: Policy versus Practice," Istanbul Technical University, Istanbul, Turkey, 3 – 5 December 2003
- Member, Performance Evaluation and Accountability Panel, Administrator's Conference of the Association of Collegiate Schools of Planning, Amelia Island, FL, 24 and 25 October 2003
- Member, Site Visitor Pool, Planning Accreditation Board, 2001 – ; team member at Florida Atlantic University (2004), Ball State University (2004) and Harvard University (2007)
- Panelist for the roundtable, "The Potential Role of Experiential Learning and Community Service in Planning Education," held at the 41st Annual Conference of the Association of Collegiate Schools of Planning, Chicago, IL, 23 October 1999
- Developed and hosted (with Michael Romanos) two roundtables on planning education in Indonesia, Los Angeles and Cincinnati, November, 1998

Grants & Other Fundraising (\$7,131,200); Graduate Tuition Income (\$2,795,044)

- Provost's Committee on Diversity, University of Cincinnati, OH (\$6500 with Robert Probst) one-time supplement to salary for a female faculty minority hire
- Faculty Development Council, University of Cincinnati, OH (\$24,122 with Rebecca Williamson, PI, Michael Pride, David Edelman, Kathryn Lorenz, Oliver Parent, Willard Sunderland and Jeffrey Tilman, Co-PI's) for the Franco-American project, Pedagogies of Urbanism: New Models for Teaching Urban Design, with the École Spéciale d'Architecture (ESA), Paris, 2009 - 2011

- International Signage Foundation (ISF), Alexandria, VA (\$12,000) for student intern, 2009 - 2009
- Private donor, Minneapolis, MN (\$2,000,000 with Robert Probst, Will McIntosh and Laura Dorl), to endow the Terence M. Fruth/Gemini Chair of Signage Design and Community Planning, Eminent Scholar of Urban/Environmental Design, in the School of Planning, August 2008. This gift was then used to leverage an additional \$1,000,000 from the State of Ohio and the University of Cincinnati Foundation, as well as \$150,000 in salary and benefits from the Provost for a full professor's salary and benefits (Probst)
- St. Bernard CIC, St. Bernard, OH (\$12,000) for student intern, 2008 - 2009
- St. Bernard CIC, St. Bernard, OH (\$4,000 with Michael Romanos and Carla Chifos) for student intern, 2008
- United Way of Greater Cincinnati, OH (\$10,500) for student intern, 2007 - 2008
- Anyang Urban Planning Administration Bureau, City of Anyang, Henan Province, China (\$111,430 with Menelaos Triantafillou) to prepare the Anyang Eastern New Town Conceptual Plan, 2007
- Vilma and Ladislav Segoe Family Foundation (\$12,000) for the 2006 – 2007 Segoe Smart Growth Symposium bringing Doug Farr, Hillary Brown and Andrés Duany to the University of Cincinnati
- Colliers, Turley & Martin Tucker, Cincinnati, OH (\$11,750) for student intern, 2006 - 2007
- KZF Design, Cincinnati, OH (\$11,896) for student intern, 2006 – 2007
- Cincinnati Area Geographic Information System (\$1,334,438 with Xinhao Wang) to fund eight Master's interns and up to four CAGIS Doctoral Fellowships through the Joint Center for Geographic Information Systems and Spatial Analysis (GISSA) of the School of Planning and the Department of Geography, 2008 - 2011
- Cincinnati Area Geographic Information System (\$207,522) to fund two CAGIS Doctoral Fellowships for students in Regional Development Planning, 2006 – 2010
- Cincinnati Area Geographic Information System (\$687,678 with Xinhao Wang) for MCP student fellowships/internships, 1999 - 2008
- City of Ji'an, Jiangxi Province, China (\$4000 with Mahyar Arefi) to advise on the city's master planning project, 2006
- Private donor, grant (\$5000 with Jane A. Carlin) to establish The Bruce C. Levy Fund for the Urban Planning and Design Digital Image Collection in the library of the College of Design, Architecture, Art and Planning, 2006
- UC International and Dean, DAAP, University of Cincinnati (\$5000 with Roger Barry) to travel to China to inaugurate the Joint Center for Urban Research with Shandong University, to conduct field research with Chinese counterparts on the current status of urban and regional planning in Shandong Province, to prepare a journal article on the same, and to provide the basis for an initial research agenda for the center, 2006
- Department of Public Safety, University of Cincinnati, (\$1500), for graduate student support, 2006
- Otterbein Homes, Dayton, OH for the support of a comprehensive planning studio (\$11,500 with Menelaos Triantafillou), 2006
- Department of Buildings and Inspections, City of Cincinnati, OH for graduate student support (\$51,000), 2005 - 2008
- Transportation Authority of Northern Kentucky (TANK), for graduate student support (\$43,223), 2005 - 2008

- The Ladislav and Vilma Segoe Family Foundation, Cincinnati, OH for the support of undergraduate and graduate land use planning studios (\$30,000), 2005 - 2008
- President's Office, University of Cincinnati, (\$150,974 with Michael Romanos, PI, David J. Edelman, Co-PI, and Mahyar Arefi, Co-PI) to prepare a compendium study of university/community collaborations and the economic development effectiveness and impact of these collaborations nationwide, 2005 - 2006
- The Community Design and Development Center, Cincinnati, OH for student intern (\$1600), 2004
- Cincinnati Center City Development Corporation (3CDC), Cincinnati, OH for graduate student support (\$83,962), 2004 - 2008
- Public Library of Cincinnati and Hamilton County. Primary author of winning proposal (\$154, 918 with Michaela Pride-Wells; Wolfgang Preiser, PI, Xinhao Wang, Co-PI) to prepare a facilities master plan for the entire 42-branch system, 2004 - 2005
- Neil Bortz Scholarship Fund. Established this fund for PhD student support (\$11,100), 2004 - 2005
- Walnut Hills Redevelopment Foundation, Cincinnati, OH for graduate student fellowship (\$11,200), 2003 - 2004
- City of Covington, KY for graduate student fellowship (\$13,129), 2003 - 2004
- Lincoln Heights Community Improvement Corporation (\$13,038) for graduate student fellowships, 2003 - 2004
- Ashland Oil Foundation (\$30,000) with the University of Cincinnati Foundation (David Cave and Pattie Charles) and the College of Education (Carol Livingston and Esther Erkins), University of Cincinnati, for the planning year of Our Community/Our Future: Learning Together for Change, a three year upward bound program for high school students, 2003
- Northern Kentucky Area Planning Commission (\$10,640), to establish a scholarship fund at the School of Planning in honor of William W. Bowdy, FAICP, 2003
- Office of the Assistant Vice President for Government Relations, University of Cincinnati, (\$30,000) for graduate student fellowships, 2003 - 2004
- Ohio River Corridor Initiative (\$26,400) for graduate student fellowship, 2002 - 2004
- City of Cincinnati Planning Department (\$11,200) for graduate student fellowship, 2002 - 2003; (\$39,000) for graduate student fellowships and internships, 2000 and 2001
- Hamilton County Regional Planning Commission (\$15,000) for graduate student fellowship/internship at HCRPC, 2001; (\$11,000) for graduate student fellowship and (\$87,762) for co-op and intern assignments at HCRPC, 2002 - 2003; (\$90, 941) for co-op and intern assignments, 2004 - 2006
- RW Beck and Office of Environmental Management, City of Cincinnati, OH (\$11,250) for graduate student fellowship, 2002 - 2003
- Neighborhood Reinvestment Corporation, Cincinnati, OH (\$22,400) for graduate student fellowships, 2002 - 2003; 2004 - 2005
- Urban Appalachian Council and Americorps, Cincinnati, OH (\$16,523) for graduate student fellowships, 2002 - 2004
- Vilma and Ladislav Segoe Family Foundation for the 2002 - 2003 Segoe Smart Growth Symposium (\$9100 with Carla Chifos)
- US Department of Education Fund for the Improvement of Postsecondary Education (FIPSE) grant entitled "Joint Masters Meta-University EC-US: A Consortium for the Transatlantic Study of Design, Planning and Urbanism,

- and Information Design” (\$204,996 with Johanna Looye, PI, David J. Edelman, Co-PI). The grant was awarded under the EC/US Cooperation Program in Higher Education and Vocational Education and Training. Partner universities for this project are the University of Michigan, North Carolina State University, Technische Universiteit Eindhoven (Netherlands), Hogeschool voor Wetenschap en Kunst, St. Lucas (Brussels/Ghent, Belgium) and the University of Strathclyde (Glasgow, UK). The University of Cincinnati is the American lead university, 2002 - 2005
- University of Cincinnati Women’s Center (\$8840) for graduate student fellowship, 2002 - 2003
 - US Department of Housing and Urban Development Community Development Work Study Program Grant (CDWSP) for the 2002 - 2003 academic year (\$90,000) to support minority Master’s students (with David Varady, PI, David J. Edelman, Co-PI)
 - Private grant to support The Niehoff Studio: An Interdisciplinary Program for Cincinnati for six years (with Judith Koroscik, Daniel Friedman and Frank Russell); matching support from the University of Cincinnati (\$300,000), 2002 - 2006
 - University of Cincinnati Success Challenge Fund grant (\$800) to help support the School of Planning Holiday Feast and David H. Peet Memorial Award for Distinguished Freshman Project, 2001 and 2002
 - Menelaos Triantafillou & Associates (\$9673) for graduate student fellowship at MTA, 2001 - 2002
 - Office of Vice President for Research and University Dean for Advanced Studies, University of Cincinnati, Graduate Recruitment Grants (\$7600), 2001 - 2003
 - Ohio-Kentucky-Indiana Regional Council of Governments (\$100,000) to establish a Center for Urban Imaging at the School of Planning, 2000; additional funding (\$100,000) incorporated into OKI work plan, 2001, but later eliminated due to agency budget cuts
 - Ohio-Kentucky-Indiana Regional Council of Governments (\$40,000) for graduate student fellowships/internships at OKI, 2000 and 2001; (\$37,600) for graduate student fellowships, 2002 – 2006; (\$78,800) for graduate interns, 2006 - 2009
 - Fifth Third Bank (\$4400) for graduate student internship, 2000
 - Center for Urban Design (\$23,500) for graduate student fellowships, 1999 - 2001
 - Ashland Oil Foundation (\$100,000) for a Summer Seminar in Urban Development: An Enrichment Program for High School Students, 2000
 - Private donation (\$5000) for two scholarships to support students from the School of Creative and Performing Arts to attend a Summer Seminar in Urban Development: An Enrichment Program for high school students, 2000
 - Murray & Agnes Seasongood Good Government Foundation (\$5600) as seed money for a Summer Seminar in Urban Development: An Enrichment Program for high school students, 1999
 - Designation of SOP as host institution for the International Research & Exchanges Board (IREX) administered US Information Agency Freedom Support Act Fellows in Contemporary Issues program (Ukraine, 1999) and the Ron Brown Fellows program (Albania, 1999), as well as the American Councils for International Education administered Edmund Muskie Fellows program (Azerbaijan, Georgia and Ukraine, 2000; Ukraine and Russia 2001); has led to funding of 7 graduate students (\$53,000), 1999 - 2003
 - Ladislav and Vilma Segoe Foundation (\$17,500) to support the writing of a biography of Segoe and to re-establish a lecture series in his name, 1999; lecture series extended (\$6500 with Carla Chifos), 2001

- University Research Council (\$4000 with Xinhao Wang) for the project “Sustainable Regional Development in the Yangtze River Basin: A Trilateral Collaboration of Research in Environmental Planning,” 1999
- Institute for Global Studies and Affairs (\$18,150) and the Provost (\$5000) for “Proposal for MCP Students to Spend the Spring Quarter of the Second Year at the Institute for Housing and Urban Development Studies (IHS), Rotterdam, the Netherlands,” 1999 –
- Summer internship commitments from a variety of public, private and non-profit institutions (\$426,000). Personally secured these funds for MCP students, 1999 –

Teaching and Advising

- Visiting Senior Critic, Seminario Internacional Curitiba – Atelies Projeto Urbano (SiCWB 2007), an international planning studio on the central city of Curitiba organized by the Centro Universitario Positivo (UNICENP) in Curitiba, Brazil for students and faculty from UnicenP, the School of Planning of the University of Cincinnati, the Facultad de Arquitectura, Universidad de la República Uruguay, the Escola Técnica Superior d’Arquitectura de Barcelona and the École Nationale Supérieure d’Architecture et de Paysage de Bordeaux, September 2007
- Visiting Professor, Summer School in Sustainable Development, a project of the School of Planning, University of Cincinnati, conducted for the government of Santorini, Greece, August 2005
- Faculty Advisor, Graduate Student Planning Association, University of Cincinnati, 2004 –
- Faculty Advisor to 1 or 2 first year PhD students per year in the School of Planning, 2003 -
- Faculty Advisor, Planning Student Organization (PSO), University of Cincinnati, 2001 –
- Faculty Advisor for all transfer students into the BUP and BS Urban Studies programs of the School of Planning, 2001 –
- Faculty Advisor for 6 to 12 MCP students per year in the School of Planning, 1999 -
- Energy Production, Use and Conservation, taught at the MSc program in Urban Environmental Management at Wageningen University and the Institute for Housing and Urban Development Studies, Rotterdam, the Netherlands, March 2000
- 23-PLAN-441: Planning Design Studio (Topical) Anyang, China
- 23-PLAN-577: Ethical Issues in Planning
- 23-PLAN-550: Exchange Study
- 23-PLAN-605: Workshop in Urban Design: Anyang, China
- 23-PLAN-679: International Development Planning Policy
- 23-PLAN-700: Introduction to Graduate Research
- 23-PLAN-718: Community Planning Practicum – HUD Students
- 23-PLAN-723: Graduate Project I
- 23-PLAN-724: Graduate Project II
- 23-PLAN-750: Graduate Exchange Study
- 23-PLAN-778: Peace Corps International Guided Study
- 23-PLAN-904: Planning Internship Seminar I
- 23-PLAN-905: Planning Internship Seminar II
- All SOP independent study and directed reading courses at undergraduate, graduate and doctoral levels
- Guest Lecturer in the short course for mid-career professionals, “Sustainable Environmental Policies and Pollution Control Strategies in Cities,”

Environmental Training Centre, Tongji University, Shanghai, China, 18 – 30 October 1999

- Committee Chair or member for 109 SOP students: 2 PhD, 91 MCP, 9 MS, 6 BUP, 1 BS, as well as 1 student in the Interdisciplinary PhD program, 1 EdD student and 1 MArch student, 1999 –
- Committee member of 2 PhD students in Human Geography at the University of Amsterdam, 1996 – 2001 and 1996 – 2002, respectively, one in Environmental Sociology at Wageningen University, 1997 – 1998, one in Urban Environmental Management at the Free University of Amsterdam, 1997 – 1998 and one in Social and Cultural Anthropology (Coastal Zone Management) at the Free University of Amsterdam, 2002 – present

Research

- Sustainable urban design strategies for provincial Chinese cities: project with Menelaos Triantafyllou (PI) to develop a conceptual plan for a 28 sq. km. new district in Anyang, China; a report has been completed and two conference presentations (including publication in conference proceedings) made; articles in peer reviewed journals are planned
- University/community collaboration: project with Michael Romanos (PI) and Mahyar Arefi (Co-PI) to study in detail how universities collaborate with their surrounding communities, prepare a nationwide compendium of such collaborations, and analyze in detail a small group of peer universities to assess the economic development effectiveness and impacts of the selected institutions and programs on the immediate community and the city as a whole; a report has been completed; conference presentations have been made and articles in peer reviewed journals are planned
- Urban imaging: founded Center for Urban Imaging; with Kiril Stanilov (PI, Phase I) and Xinhao Wang (PI, Phase II) has been involved as Co-PI in state-of-the-art research integrating GIS, 3D visualization and analytical models to create a three dimensional decision support system (3D-PSS) as a tool for urban professionals, decision-makers and the public; now in third year of research studying urban form, traffic generation and air pollution in Greater Cincinnati. One video/CD produced and paper prepared, based on first year's work, for ACSP conference in Baltimore, MD in November 2002; two peer reviewed articles on second year of research published by Prof. Wang; third year work centers on a BRT system for Cincinnati and a Digital Cincinnati framework for planners, architects and urban designers
- Energy economics and planning: one computer program reformulated and one new program produced (with Sergei Gerasenko), both in relation to energy policy planning in developing countries; one user's manual and 1 refereed journal article published
- Planning history: funded research (PI) conducted on the pioneering American planner Ladislav Segoe; one book published (with David J. Allor, Co-PI, and April Smith, Research Assistant), one refereed journal article (with David J. Allor), one encyclopedia entry and one planning newspaper article published; Co-PI of research project (Nnamdi Elleh, PI) on the planning and architecture of the city of Abuja, Nigeria; one article under review by a refereed journal and one conference paper presented, both with Nnamdi Elleh
- Urban environmental management (UEM): one paper on international organizations and UEM prepared (with Paul Procee) for the World Bank and presented at the annual meeting of the Ohio Academy of Science, one paper on UEM in Latin America (with Micaela Schuster) prepared for an international conference in Australia and two papers published by refereed journals (in the US and Mexico); one chapter on UEM in Rio de Janeiro

prepared for a book with Paul Procee and Claudio Acioly, Jr.; was member of a research team (with Roger Barry, Chris Auffrey and professors from Chulalongkorn University in Thailand and Gadjah Mada University in Indonesia) for the USIA funded project “Sustainable Urban Development within the Context of Balinese Culture.” Conducted interviews, co-prepared and held 2 workshops and co-authored final report; preliminary funded research on regional environmental planning in China (with Xinhao Wang)

- Leisure, recreation and tourism planning: one article on minority retirement recreation in the Netherlands (with Henny N. Edelman) published by a Thai academic journal; one article on coastal zone management for a tourist area in Turkey (with Aysegul Idikut) also published by a Thai academic journal; one paper on tourism planning for Cirebon, Indonesia (with Henny N. Edelman) presented at an international conference in Singapore

Honors

- Biographical sketches in *Who's Who in America*, 55th Edition 2001 - 59th Edition 2005; *Who's Who in the World*, 21st Edition 2004 and 25th Edition 2008; *Who's Who Among America's Teachers*, 8th Edition 2004 and 9th Edition 2005; *Who's Who Among Executives and Professionals in Education*, 2006 – 07; *Who's Who Among Executives and Professionals*, Honors Edition, 2008 - 2009
- Selected as a Braveheart Awardee for contributions to the school by Indian Hill High School, Cincinnati, OH, 2002
- Selected for the Fulbright Senior Specialists Roster, 2002
- Award from the J. William Fulbright Foreign Scholarship Board to participate in the 2000 Fulbright Seminar for American Administrators in International Education, held in Germany, 2000
- Special Dean's Award for contributions to the College of Design, Architecture, Art and Planning, 1999

1993 - 1998

Institute for Housing and Urban Development Studies (IHS), Rotterdam, the Netherlands:

Head, Department of Urban Environmental Management (tenured 1995) and Member, IHS Management Team (1996 - 1998)

As Head of the ten member Department of Urban Environmental Management, led the planning and preparation of the MSc degree in Urban Environmental Management, the first such degree in the world, offered together with Wageningen University (WU), the Netherlands. Dr. Edelman also co-developed for the Government of Indonesia a new MSc degree in Urban Infrastructure Management, offered together with the International Institute for Infrastructural, Hydraulic and Environmental Engineering (IHE) in Delft, the Netherlands. Dr. Edelman was responsible as well for leading the development and conduct of the Institute's education, training, advisory services and research in this academic area and for setting Institute policy with regard to the urban environment. As one of the three academic department chairmen, was also a member of the five-person IHS Management Team, which sets Institute policy and is responsible for all Institute operations; deputized for the Director in his absence.

Besides the MSc program, the department ran two to three short courses per year of three months duration and one special six-week course on topics related to the urban environment; participated in a European Union funded ALFA student exchange with universities in Germany, Greece, Peru, Mexico and Brazil and had institutional support, research and advisory services projects in Indonesia,

India, Bangladesh, Vietnam, the Kenya, Zambia, Peru, Bolivia, Surinam, Poland and Rumania. While at IHS, Dr. Edelman and those he directly supervised, wrote proposals, which raised more than \$250,000 in scholarship money and more than \$1,000,000 in research and consultancy fees.

Dr. Edelman was also Director, MSc Program in Urban Environmental Management of the joint IHS/WU Centre for the Urban Environment (CUE) and Chairman of the Academic Committee for this degree (1995 - 1998). Within this program, he was responsible for thesis supervision and for teaching the graduate courses: Urban Environmental Management I; Energy Production, Use & Conservation; Environmental Management Planning Workshop (organized in Poland for 1996 and in Turkey for 1997 and 1998); and the Senior Seminar. He remained active in the program as a member of the International Advisory Board of CUE from 1998 until it was abolished in 2002.

Member, IHS Academic Committee (1993 - 1998), which advises the Director on academic policy for the Institute and helps coordinate all academic programs.

Deputy Project Manager of a major research project (1994 - 1996) on best practices in capacity building for urban environmental management in Peru, Bolivia, India and Senegal, financed by the Dutch government and co-financed by the Swiss government. Dr. Edelman was the team member with overall responsibility for Peru and Bolivia. The results of this study formed parts of the Dutch and Swiss contributions to the Habitat II Conference held in Istanbul, Turkey in June 1996. A Second Phase of this project lasted until 1997.

Coordinator of research project (1995 - 1997) on small-scale industries and environmental pollution in Kenya conducted jointly by IHS and WU through CUE and funded by the Dutch government.

Also served as a lecturer and supervisor of student projects for the three-month Workshops in Environmental Planning and Management, one of the programs leading to the IHS Postgraduate Diploma in Urban Development; acted as thesis advisor to students in the joint IHS/Erasmus University MA in Urban Management and co-taught the graduate course Management of the Urban Environment within that program.

Moreover, was the member of the IHS PhD Committee responsible for the field of Urban Environmental Management; in this regard, was co-promoter of two Dutch PhD students in the Department of Human Geography at the University of Amsterdam and for one from Vietnam in cooperation with the Department of Environmental Sociology at Wageningen University as part of the joint CUE program (REFINE) in that country; also advised a Chinese PhD student and an Indian one at IHS.

Aside from Wageningen and Erasmus, has also lectured in Urban Environmental Management at a number of Dutch universities, including the University of Amsterdam, the University of Leiden and the University of Twente, as well as in Energy Planning and Policy at Massey University in New Zealand and Cornell University in the USA.

In addition, undertook a variety of consulting assignments for IHS clients worldwide. These have included:

- Developing and supervising five small MSc student consultancy assignments on the Bodrum Peninsula of Turkey in integrated coastal zone management, sustainable tourism, water supply, wastewater treatment and solid waste management. This work was carried out for Iller Bank as a pre-feasibility project for possible investments in the region by joint teams of CUE students and Bank staff. Dr. Edelman was advisor to the integrated coastal zone management and sustainable tourism teams, led the field mission to Turkey and edited the reports.
- Preparing and teaching the course “Urban Environmental Management” to second year BSc students in the Centre for Environmental Technology and Management (CENTEMA) at Van Lang University, Ho Chi Minh City, Vietnam. This assignment was undertaken as part of the REFINE project of CUE, which has as its primary objective improving industrial environmental technology and management in Vietnam through institutional strengthening and capacity building at CENTEMA.
- Developing and supervising four small MSc student consultancy assignments in the Sapanca Lake Catchment Area of Turkey in regional planning, water supply, water treatment and sanitation and in solid waste management. This work formed part of the portfolio of pending projects of the Iller Bank and was executed by joint teams of professionals from CUE, the Iller Bank and Middle East Technical University. Dr. Edelman was advisor to the solid waste management team, led the field mission to Turkey and edited the reports.
- Developing and supervising four small MSc student consultancy assignments in Poland (i.e., an institutional framework for the Raba River Catchment Area Development Authority, a long range waste water facility plan for the city of Wroclaw, an environmental information video script for the municipality of Miedzna and a plan for the separation of plastic waste at source for the city of Krakow). This work formed a part of the USID funded and Research Triangle Institute (RTI) executed Local Environmental Management Project for Poland and Hungary. Dr. Edelman was advisor to the Raba River team, led the field mission to Poland and edited the reports.
- Serving as a Member of the Technical Advisory Committee (TAC) for the "Global Best Practice Initiative for Improving the Living Environment." This committee of international experts reviewed over 600 National Reports and Best Practices submitted by over 50 countries to the Habitat II Secretariat at the United Nations Centre for Human Settlements (UNCHS) in Nairobi, Kenya. The committee's report was prepared for a Best Practices Jury of notables, which convened in Toronto, Canada and selected 12 Best Practices from the 43 recommended by the TAC to receive the Tokyo and Dubai Awards for Excellence, which were announced at the City Summit in Istanbul in June 1996.
- Co-developing, organizing and teaching in Kuala Lumpur the short course "Human Settlements and Sustainable Urban Development in Southeast Asia: The Challenges for the 21st Century." This refresher course for IHS alumni from nine countries in the region was conducted in cooperation with the National Institute of Public Administration Malaysia (INTAN) and the UN-sponsored Urban Management Program, Regional Office for Asia-Pacific. Funding was provided by the Dutch government through the Directorate General for International Cooperation (DGIS) of the Ministry of Foreign Affairs. The course contents included discussion of the issues involved in human settlements development and management, a comparison of experiences from the region and action planning as a methodological approach to urban management. The development of a permanent network among the participants was encouraged and supported.

- Co-developing the orientation course for "Project Formulation and Implementation of the Indian Government's Program 'Integrated Development of Small and Medium Towns' (IDSMT)" in Karnataka State at the Indian Human Settlements Program (IHSP)'s Decentralized Training Program, Karnataka in Bangalore. IHSPB is an Indo-Dutch collaboration of the Housing and Urban Development Corporation Ltd. (HUDCO), Delhi through its research and training division, the Human Settlement Management Institute (HMSI), and the Institute for Housing and Urban Development Studies in Rotterdam. The course prepares municipal, district and Karnataka state government staff to develop, justify and implement IDSMT schemes.

Dr. Edelman helped prepare the structure and content of the course, gathered course materials and co-developed lecture notes, handouts and exercises for the instructors. Consultations were held with local, state and HUDCO officials, field visits were made to Magadi, Ramanagaram, Tumkur and Tiptur and a detailed case study developed. The course was first held in May 1994 at the Administrative Training Institute (ATI) in Mysore.

- Helping develop the orientation course "Project Formulation of Water Supply Schemes" at the Indian Human Settlements Program (IHSP)'s Decentralized Training Program, Karnataka in Bangalore. The course enables participating municipal, district and Karnataka state government staff to plan and justify proposals for water supply schemes for small and medium-size municipalities. It also exposes the participants to the technical alternatives for water supply systems, as well as their financing and institutional context, enables them to plan and monitor project implementation and to design operation and maintenance schedules. Dr. Edelman helped prepare the structure and content of the course, gathered course materials and co-developed lecture notes, handouts and exercises for the instructors. Consultations were held with local (e.g., municipal engineers and town council presidents), state (i.e., the Karnataka Urban Water Supply and Drainage Board) and HUDCO officials, and a field visit was made to Tiptur, selected as one of the case studies for the program. The course was first held in December 1993 at the Administrative Training Institute (ATI) in Mysore.

1992 - 1993

WAP - Werkstatt für Architektur und Planung AG, Zürich, Switzerland:
Principal Planner

Dr. Edelman completed with an associate the monitoring and impact evaluation study of the Swiss government-financed Cirebon Urban Development II Project (CUDP II). This represented the second phase of the evaluation, the first of which was designed by Dr. Edelman and his associate in 1988. Sanitation, water supply, drainage and sewage systems were covered by the study. A concept for an ongoing municipal monitoring and evaluation system for the city's infrastructure to be carried out at the local level with substantial community input was also developed.

1990 - 1992

Asian Institute of Technology (AIT), Bangkok, Thailand:
Associate Professor of Energy Planning and Policy

Dr. Edelman represented the Swiss government in this position and his activities included:

- Teaching graduate courses within the Division of Energy Technology, including National Energy Planning & Policy and the Economics of Energy Projects
- Supervising the research of 17 Masters students and 1 PhD candidate- Contributing to curriculum development in the field of Energy Planning and Policy
- Contributing to the administration of the Division and Institute
- Carrying out grant and contract research for the Division

While at AIT, led an appraisal mission to Laos for a budget increase of the Swiss/ADB financed Nam Ngum - Luang Prabang Power Transmission Project. Held discussions with government officials and Electricité du Laos (EDL), visited the project site and evaluated construction difficulties, assessed training needs of EDL, consulted with ADB and the lead Consultant, visited EDL generating facilities, etc. Prepared an appraisal report for Swiss Development Cooperation (SDC) and briefed SDC officials in Bangkok.

1984 - 1992

Motor-Columbus Consulting Engineers Inc./Holinger Ltd., Baden, Switzerland: Chief Planner and Economist; Prokurist from 1990

- Provided staff assistance to the National Energy Planning Committee, Sudan
- Designed the Motor-Columbus Energy Sector Simulation Model (MICROCOSM), a 24-product, 9-sector microcomputer implementation of the energy sector of a developing country for use in policy planning and training
- Assisted in the economic analysis of power projects in Chile and Senegal
- Completed a bid evaluation study of equipment purchases for a large power project in Portugal
- Developed supply/demand balances of commercially traded fuelwood for the ADB/UNDP financed Bangladesh Energy Planning Project; work included projections until the year 2000 and price analysis of household and industrial use
- Designed an institutional framework to implement integrated energy planning for the Government of Malaysia; part of the World Bank financed National Energy Planning Study
- Was Project Manager of and Transportation Economist for the economic and engineering review and evaluation of the "Ciskei Transportation Plan 1985 - 2000", conducted for the Republic of Ciskei, South Africa
- Was Senior Policy Planner and Deputy Project Manager of the "Nsikazi Integrated Development Strategy Study", conducted for the Government of Kangwane, South Africa
 - Helped develop and combined all sectoral policies, programs and projects for the area into a coherent regional development plan for a ten-year period
- Was Project Manager for Swiss Development Cooperation (SDC) for the Salleri Electricity Utilization Project in Eastern Nepal
 - Developed an institution to take over ownership, as well as management responsibilities, for a 400 kWe hydroelectric generating facility and its distribution network
 - All aspects of institutional development were undertaken, appropriate electricity tariffs were determined, and a schedule for the staffing of the new institution and for the transfer of the facility to it was devised
- As Senior Energy Economist, assisted the Kansai Electric Power Company of Osaka, Japan

- Helped survey electricity pricing in the United Kingdom, France, West Germany and Switzerland
- Helped review for each country the status of its power industry (production, supply, demand, relations between the government and utilities) and its electricity tariff structure (concept, framework, problems, trends)
- Was Project Manager and Energy Economist for the United Nations Department of Technical Cooperation for Development (UNTCED)'s Technical Assistance to the National Energy Administration (NEA) in Bangkok, Thailand. Advised NEA's Director of Planning and the National Energy Information Center (NEIC)'s Director in the establishment and utilization of a computerized (HP 3000) energy data system for energy planning in all of Thailand's energy agencies; the system contains energy bibliographies (6,000 records), numerical energy data series and energy balances (210,000 records)
 - Supervised staff of eight, including the Swiss Chief Technical Advisor
 - Surveyed needs of NEA and non-NEA users of energy databases prior to system development
 - Helped recommend system expansion, including a budgetary analysis
 - Was primary author of system user's manual
 - Conducted training seminars for users
 - Established energy data dissemination system
- Led a review of the economic appraisal of the Northern Ireland Electricity Service's (NIES) power station options for the 1990's. Coordinated the activities of five senior reviewers (two energy economists, a power economist and two power engineers) and authored the report
- Coordinated the economic and financial evaluation of a pre-feasibility study for a major hydroelectric project in Laos. The project has the objective of selling power to Thailand in order to earn foreign exchange, and the complex analysis established the cost of developing three promising hydroelectric sites and the order in which they should be constructed and commissioned. The needs of the Thai system, Laos' likely resource constraints and its export earning requirements from 1990 onwards were all considered in formulating a least-cost development sequence
- Prepared the economic analysis of the feasibility stage for a project to provide a modern network control and load dispatching system for the city of Aarau, Switzerland
- Produced forecasts of world and European energy perspectives until 2050 for an expert opinion study of the fast breeder nuclear reactor prototype at Kalkar for West Germany's Federal Ministry of Technology
- Co-designed a monitoring and impact evaluation study for the Swiss government financed Cirebon (Indonesia) Urban Development Project II. This stage of the project included planning, detailed design and construction of sanitation, drainage and sewage systems for the West Java city of 220,000; and the purpose of the impact study is to make the experience and lessons of the Cirebon project available to planning authorities throughout the country. Impacts analyzed included physical conditions and the urban ecosystem, the institutional context, urban and economic development, living conditions and social development
- Assisted, as Senior Financial Analyst, in the bid evaluation study for the Kaiseraugst Nuclear Power Plant in Switzerland. Helped with the modification and updating of the computer model and with the computation and comparison of price escalation figures

- As Senior Project Economist and Financial Analyst, coordinated the Institutional Study of the Cirebon (Indonesia) Urban Development Project II (CUDP II). The Swiss-financed project integrated infrastructure improvements in drainage, wastewater disposal and solid waste management for this coastal city of almost a quarter of a million. The Institutional Study contains five parts (legal, organizational, community participation, financial and monitoring) plus two Annexes in four Volumes. Dr. Edelman prepared the financial part himself and supervised the consultants (foreign and local) who wrote the other Parts. He also edited the entire study
- Was Senior Urban Planner and Economist for the Asian Development Bank financed Bandung Urban Development Project II (BUDP II) western catchment sewerage system and treatment plant. Designed the review of the sewerage master plan for Bandung, Indonesia's third largest city with a population of 1.5 m., taking into consideration experience gained from previous sewerage system construction in the city, Bandung's urbanization trends, the economic and physical constraints of sewerage specific areas (particularly low-income areas), institutional capability and prevailing household sanitation practices
- As Expert Industrial Economist/Industrial Engineer for the United Nations Industrial Development Organization (UNIDO) Investment Project Identification Branch, helped the Government of the Philippines in identifying, developing and screening more than 100 projects of Filipino proponents for the Philippine Investor's Forum held in Manila in November 1988. Many other project ideas were discussed but discarded before any proposal forms were submitted. Well over 100 consultations took place in Manila, Cagayan de Oro, Davao City and Tagum, and a variety of projects ranging from textiles to rubber, from food processing to coal and gold mining and from furniture to foundries was approved.
- Led appraisal mission to Indonesia for the Swiss Federal Office of International Trade (BAWI) to define the framework for possible cooperation between Swiss private industry and Indonesia to help alleviate the hazardous (industrial) waste disposal problem of that country. Held more than 45 consultations in Jakarta, Surabaya and Medan, visited waste disposal facilities and industrial zones, was an official observer at a national conference on pollution controls and reviewed more than 80 documents. Prepared a comprehensive report, including Terms of Reference for the feasibility study of a recommended project, and briefed Swiss government officials in Jakarta and Bern.

1983

United Nations Food and Agricultural Organization, Rome, Italy:
Sector Modeling Consultant

Co-developed in Dhaka a microcomputer based simulation model of the Bangladesh forestry sector for use within the National Planning Commission for policy planning and training

1982 - 1983

The Futures Group, Washington, D.C., USA:
Senior Economic Development Consultant

- Was Principal Investigator for a study of the biomass gasification market in Nigeria and Cameroon conducted for TOTAL-Compagnie Française des Pétroles
- Was Principal Investigator for a study to determine proper pricing for USAID contraceptive social marketing projects

- Managed indefinite quantity contract in energy for USAID
 - Helped to develop and market microcomputer based fuelwood, forestry and energy models for policy planning and training
 - Applied the model on fuelwood to projects in Bangladesh and Nepal
- 1981 - 1982
- Asian Development Bank, Manila, Philippines:
Staff Energy Consultant
- Determined bank guidelines for energy impact assessments of non-energy projects
 - Led fact-finding mission to Bangladesh
 - Was member of appraisal mission to develop terms of reference for technical assistance to the Bangladesh Energy Planning Project
 - Negotiated co-financing arrangements with the United Nations Development Program
- 1981
- Syscon Corporation, Washington, D.C., USA:
Manager, Renewable Energy Programs
- Supervised five contracts and a staff of eleven professionals in Washington, D.C., and Golden, Colorado
 - Supervised technical and managerial support to USDOE's international market development program
 - Evaluated USDOE's university based conservation and renewable energy programs
 - Managed a solar commercialization study for Singapore and Malaysia
 - Supervised a pamphlet series profiling solar activity in 40 nations and evaluating market conditions for US solar exports to those countries
- 1980 - 1981
- Organization of American States, Washington, D.C., USA:
Energy Consultant
- Analyzed complete energy sectors of Barbados and Colombia and suggested ways in which the OAS could provide technical assistance
 - Conducted seminars on findings in Washington, D.C., and Panama
- 1978 - 1980
- Planning Research Corporation's Energy Analysis Company, McLean, Va., USA:
Senior Associate
- Federal Capital Development Authority (FDCA), Lagos, Nigeria:
Member of team that prepared logistics study for first phase of construction of new capital city at Abuja, including requirements for construction labor, materials, facilities and equipment for each building and infrastructure system
Specified construction schedule, transportation plan and management requirements
 - US Department of Energy (USDOE):
Wrote program plan for international components of USDOE's solar, geothermal, electric and storage programs
Was member of USDOE International Solar Commercialization Working Group mission to South America
 - US National Aeronautics and Space Administration (NASA):

- Was Deputy Project Director for Caribbean and South American energy study to develop demonstration projects of non-conventional energy technologies in rural areas
 - Selected sites, determined economic and social objectives, wrote implementation plans
 - World Bank:
 - Analyzed institutional capacities of 15 developing countries to conduct and manage research, development, demonstration and commercial programs in renewable energy
 - US Agency for International Development (USAID):
 - Was Project Economist for "Preliminary Energy Assessments of Jamaica"
 - Integrated pre-feasibility studies for various energy technologies into a five-year energy sector program plan

- 1976 - 1977
 - Technion-Israel Institute of Technology, Haifa, Israel:
 - Lady Davis Research Fellow in Policy Planning
 - Completed a computer based policy model to analyze the socioeconomic effects of high oil prices on developing countries
 - The finished model was put on line at the US Agency for International Development (USAID)

- 1974 - 1976
 - Cornell University, New York, USA:
 - Consultant and Graduate Assistant
 - Housing Consultant to the Dean of Students
 - Conducted a study evaluating all off-campus housing facilities in Ithaca, N.Y. and prepared a manual for students
 - Coordinator of the Workshop in Intermediate and Appropriate Technology of the Summer Institute of Science, Technology and Development
 - Led a one-month seminar for twenty mid-career professionals from various developing countries on a number of issues in technology and development
 - Produced and edited seminar report
 - Graduate Teaching Assistant, Department of City and Regional Planning
 - Co-taught the postgraduate course "Introduction to Urban and Regional Theory"
 - Graduate Research Assistant, Program on Science Technology and Society
 - Co-authored study of the community impacts of the expansion of the Montefiore Hospital and Medical Center in New York City
 - Conducted all field interviews

- 1974
 - Federal Energy Administration, Washington, D.C., USA:
 - Analyst
 - Studied the impacts of the energy crisis on the development prospects of Kenya and Tanzania
 - Prepared a comparative study of energy use, GNP and conservation measures in the USA, Sweden, Canada, United Kingdom and (West) Germany

- 1973
 - Environmental Protection Administration, New York City, USA:
 - Analyst

- Helped revise New York City's solid waste disposal system computer model for mode transfer and scheduling
 - Analyzed 26 configurations for the location of a new solid waste disposal plant
- 1972
- Village of Watkins Glen, N.Y., USA:
Planning Consultant
- Co-developed village beautification plan
- 1971
- International School of English, Tokyo, Japan:
Teacher of English as a Foreign Language (TOEFL)
- Taught ten 2-hour classes per week
 - Tutored senior executives for overseas postings
 - Edited technical translations
- 1969 - 1970
- G. W. Gibson School, Monrovia, Liberia:
US Peace Corps Volunteer Teacher
- Taught history, geography, English and mathematics in the largest public school in Liberia
 - Built and managed a library of 750 books for the school