

VITA

NAME

Rubin, Barry Michael

EDUCATION

B.S. in Sociology. Florida State University, 1973.

M.S. in Urban and Regional Planning. University of Wisconsin, Madison, 1975.

Ph.D. in Urban and Regional Analysis. University of Wisconsin, Madison, 1977.

ACADEMIC APPOINTMENTS

Assistant Professor, City and Regional Planning Program, School of Architecture and Environmental Design, University of Texas at Arlington, 1977-1979.

Associate Member, Graduate Faculty, University of Texas at Arlington, 1978-1979.

Assistant Professor, School of Public and Environmental Affairs, Indiana University, Bloomington, 1979-1985.

Associate Professor, School of Public and Environmental Affairs, Indiana University, Bloomington, 1985-1995.

Associate Professor (part-time), Computer Science Department, Indiana University, Bloomington, 1987-1993.

Full Member, Graduate Faculty, Indiana University, Bloomington, 1987-present (Associate Member, 1982-1987).

Professor, School of Public and Environmental Affairs, Indiana University, Bloomington, 1995-present.

ADMINISTRATIVE APPOINTMENTS

Associate Dean and Associate Executive Director, University Computing Services, Indiana University, Bloomington, 1989-1991.

Director of Instructional and Information Technology, School of Public and Environmental Affairs, Indiana University, 1993-Summer 1995.

Director of Professional Graduate Programs, School of Public and Environmental Affairs, Indiana University, Summer 1994-Summer 1996.

Associate Dean for Bloomington Programs, School of Public and Environmental Affairs, Indiana University, Summer 1996-Summer 1999.

Chair, Faculty of Urban, Regional Analysis and Planning, School of Public and Environmental Affairs, Indiana University, Summer 2000-Spring 2004.

Chair, Quantitative Analysis and Information Technology Faculty Group, School of Public and Environmental Affairs, Indiana University, Spring 2004-Summer 2008.

Director Information Technology, School of Public and Environmental Affairs, Indiana University, Spring 2001-Summer 2005, Summer 2010-present.

Chair, Faculty of Policy Analysis and Public Finance, School of Public and Environmental Affairs, Indiana University, Summer 2010-present.

OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS

Planning Consultant, Urban Research Associates, Madison, WI, 1975-1977.

Economic Planning Consultant, EDI/Cape Hopkins Clements, Dallas, TX, 1978-1980.

Economic Development Consultant, Economic Analysis Unit, Indiana Department of Commerce, Indianapolis, IN, research project to prepare a comparative cost analysis for manufacturing industries by states, Fall 1982-Summer 1983.

Supervisor, School of Public and Environmental Affairs Computer Laboratories, Summer 1982-Fall 1986.

Design Team Consultant, U.S. Agency for International Development, SPEA AID Graduate Management Program Project in the Dominican Republic, Spring 1983.

Economic Development Consultant, Indiana State Chamber of Commerce Foundation, Indianapolis, IN, research project to prepare an incremental comparative transportation cost analysis for manufacturing industries in the U.S., Summer 1983-Fall 1983.

Economic Development Consultant, Economic Analysis Unit, Indiana Department of Commerce, Indianapolis, IN, research project to extend the comparative cost analysis for manufacturing industries to the 3-digit SIC level, Winter 1984-Summer 1984.

Consultant to EnviroSphere, Inc., New York, in the development of a proposal to Battelle Labs, for a large-scale computer model of the social, demographic and economic impacts of nuclear waste disposal sites in the U.S., Spring 1985.

Information Systems Consultant to the Indiana University Student Health Center, Counseling and Psychological Services, for a client tracking and analysis decision support system; carried out information requirements analysis, database design, and systems implementation, Summer 1985-Fall 1985 and Summer 1986-Fall 1986, and Summer 1987-Fall 1987.

Information Systems Design Consultant to the Institute of Government, Tennessee State University, for the design and development of a departmental computer laboratory and computer applications curriculum, Spring 1986 and Fall 1987.

Instructor, Summer Institute in Computer-Based Instruction for Public Management, Syracuse University, for the design of the institute and the development and teaching of a course on systems analysis and design to faculty of schools of public affairs and public administration, Summer 1986.

Database Management Consultant, Center for the Study of the College Fraternity, Indiana University, for assistance with new and existing databases used for statistical analysis of questionnaire data, Spring 1986-Fall 1986.

Information Systems Design Consultant, U.S. Environmental Protection Agency and the SPEA Environmental Systems Applications Center, for database and information systems design and implementation of the Indiana Noncommunity Drinking Water Supply Monitoring System, Fall 1986-Summer 1990.

Computer Systems Consultant, Village of Tinley Park, IL, (with Kenneth Murray) for study of the Village's computerization needs, recommendations for computer system and software, and supervision of system implementation, Fall 1986-Summer 1987.

Information Systems Design Consultant to Indiana University Student Health Center, Medical Records Division, for a student immunization tracking and reporting information system; responsibilities included information requirements analysis, database design, and systems implementation, Spring 1987-Fall 1987.

Information Systems Design Consultant to Marion County Child Welfare Department, for a case tracking and research database and information system. Responsibilities included information requirements analysis, computer hardware and software specification, I/o screen and report design, database design, and systems implementation, Spring 1989-Spring 1992.

Consultant to Ice, Miller, and Denadio legal firm (Indianapolis) for evaluation of statistical evidence of formaldehyde contamination and adverse health effects, January 1995.

Computer and Information Systems Consultant to IU Campus Children's Center, Spring 1997-Fall 1998.

Consultant to the Indiana Economic Development Council, Fall 1999-Sprint 2004.

Consultant to the Ireland National Centre for Partnership (with Richard Rubin), Spring 2000.

Consultant to the Indiana 21st Century Fund for Research and Technology, Fall 2000-Spring 2003.

LICENSURE AND CERTIFICATION

FCC Amateur Radio License, General Class

PROFESSIONAL SOCIETIES

Urban Affairs Association
International Society for the Scholarship of Teaching and Learning

HONORS

Magna Cum Laude Graduate, with Senior Honors and Lower Division Honors,
Florida State University
Florida State University and University of Wisconsin Scholarship
Phi Beta Kappa
Phi Kappa Phi
Outstanding Ph.D. Student Award, American Planning Association
School of Public and Environmental Affairs Teaching Excellence Award, 1983.
Indiana University Postdoctoral Teaching Fellowship, 1984-1985.
Ameritech Research Fellow, 1987-1989.
Urban Affairs Association "Best Paper of the Conference Award," 1988.
Best Article of the Year Award, *Journal of the American Planning Association*, 1990.
School of Public and Environmental Affairs Teaching Excellence Award, 1993.
CIC Leadership Fellow, 1996-97.
School of Public and Environmental Affairs Teaching Excellence Award (for graduate core), 1997.
Elected to the Indiana University Faculty Colloquium for Excellence in Teaching (FACET), 1999.
Lilly Freshman Learning Project Fellow, 2001.
Indiana University Board of Trustees Teaching Award, 2001.
Carnegie Scholar, Carnegie Foundation for the Advancement of Teaching, designated 2003.
Lilly Foundation/Johnson Center for Entrepreneurship and Innovation Teaching Fellow, 2006.
School of Public and Environmental Affairs Teaching Excellence Award, 2007.
Indiana University Board of Trustees Teaching Award, 2008.

TEACHING ASSIGNMENTS

Undergraduate, Indiana University

Urban and Regional Planning
Urban Planning and Development
Metropolitan Development
Urban Structure and Policy
Computer Applications in Public Affairs
Computer Literacy
Statistical Techniques
Introduction to Computers and Computing
Local Government Planning: Urban and Strategic
Workshop in Planning
Independent Readings in Public Affairs

Graduate, Indiana University

Structure and Dynamics of Regional Complexes
Urban and Regional Science
Seminar in the Planning Process
Workshop in Planning
Seminar in Urban Economic Development
Microcomputer Applications in Public Affairs
Analytical Methods of Planning and Policy Analysis
Public Management Information Systems
Database Management Systems
Design of Information Systems
Implementation of Information Systems
Local Government Planning: Urban and Strategic
Statistical Analysis for Public Affairs/Environmental Statistics
Public Affairs Practicum: Integrated Policy Project
Data Analysis and Modeling
Statistical Analysis for Policy and Management
Capstone in Public and Environmental Affairs
Readings in Public and Environmental Affairs
Research in Public and Environmental Affairs

SERVICE

University Committee Service, Indiana University

Committee Chairs

Bloomington Subcommittee of the SPEA Computer Use Committee, Chairperson,
Fall 1982-Summer 1987.
SPEA Technical Panel for the Public Management Information Systems/Management Analysis
Position, Chairperson, Fall 1982-Spring 1983.
Network Integration Subcommittee of the Bloomington Campus Computer Use Committee,
Chairperson, Fall 1982-Spring 1983.
SPEA Statewide Computing and Quantitative Analysis Committee, Chairperson,
Fall 1983-Summer 1987.
Bloomington Campus Computer Use Committee, Microcomputer Subcommittee, Chairperson,
Fall 1983-Spring 1984.
SPEA Ad Hoc Committee on Computing in the Undergraduate Curriculum, Chairperson,

Summer 1984-Fall 1984.
 SPEA Evaluation Subcommittee of the Strategic Planning Task Force, Co-Chair,
 Fall 1985-Fall 1986.
 Bloomington Campus Computer Use Committee, Student Computer Literacy Subcommittee,
 Chairperson, Fall 1985-Spring 1986.
 Bloomington Campus Computer Use Committee, Database Subcommittee, Chairperson,
 Fall 1986-Summer 1988.
 SPEA Technical Panel for the Public Management Information Systems/Management Analysis
 Position, Chairperson, Spring 1986.
 SPEA Search and Screen Committee for the Regional Economic Development Position,
 Fall 1987.
 Academic Computing Policy Committee, (formerly Bloomington Campus Computer Use
 Committee), Chairperson, Fall 1987-Summer 1989.
 Academic Computing Policy Committee, Executive Committee, Chairperson,
 Fall 1987-Summer 1989.
 Academic Computing Policy Committee, Integration of Computing Services Subcommittee,
 Chairperson, Fall 1988-Spring 1989.
 Bloomington Campus Urban Affairs Committee, Fall 1989-present.
 SPEA Search and Screen Committee for the Management Information Systems Position,
 Chairperson, Fall 1990-Spring 1991.
 SPEA-Bloomington Computing Committee (renamed Information Technology Committee),
 Summer 1992-Summer 1995.
 SPEA Bloomington Graduate Policy Committee, Fall 1993-Summer 1996.
 Academic Computing Policy Committee, Academic Initiatives (Strategic Planning)
 Subcommittee, Spring 1994-Spring 1995.
 SPEA Teaching Assessment Task Force, Co-Chair, Spring 1995-Summer 1996.
 SPEA Professional Masters Admissions Committee, Fall 1994-Summer 1996.
 Computing Instruction Subcommittee of the Bloomington Campus Curriculum Coordinating Committee,
 Spring 1997.
 Academic Computing Policy Committee/University Computing Services Student Computing Cluster
 Policy Committee, Spring 1997-Summer 1997.
 Search and Screen Committee for the Ameritech Chaired Professorship, Fall 1997-Summer 1998.
 SPEA Placement Services Committee, Fall 1997-Spring 1999.
 SPEA Search and Screen Committee for Clinical Appointment in Urban Management, Summer 1998.
 SPEA Ad Hoc Committee on Information Technology Strategic Directions, Fall 1998.
 SPEA Bloomington Programs Administration Group, Fall 1996-Summer 1999.
 SPEA Bloomington Information Technology Committee, Fall 2001-present.
 Bloomington Faculty Council Information Technology Committee, chair, Fall 2001-Spring 2003.
 University Faculty Council Technology Policies Committee, co-chair, Fall 2001-Spring 2003.
 IU-Bloomington Strategic Planning Committee Information Technology Task Force, Fall 2002.
 IU-Bloomington Computing Working Group on Sustainability, co-chair, Fall 2009-present.

Committee Memberships

SPEA Urban, Regional Analysis, and Planning Faculty, Fall 1979-Spring 2004.
 SPEA Economics and Finance Faculty, Fall 1979-Spring 1988.
 SPEA Policy and Administration Faculty, Fall 1984-Spring 2004.
 SPEA Policy Analysis Faculty, Spring 1996-Spring 2004.
 Bloomington Campus Urban Affairs Committee, Fall 1979-Spring 2004.
 SPEA Undergraduate Standards Committee, Fall 1979- Spring 1983.
 SPEA MPA Admissions and Aids Committee, Fall 1980-Spring 1983.
 SPEA Computing and Quantitative Analysis Committee, Fall 1980-Spring 1989.
 SPEA Search and Screen Committee for new Planning position in Gary, Fall 1981-Spring 1982.
 SPEA Lilly Fellowship Policy and Project Selection Committee, Fall 1981-Spring 1988.
 SPEA Lilly Fellowship Student Award Committee, Fall 1981-Spring 1982.

SPEA Ad Hoc Committee of the MPA Policy Committee on Computers and Information Systems in the MPA Program, Fall 1981-Spring 1982.

SPEA Subcommittee of the Undergraduate Policy Committee for Revision of Undergraduate Concentrations, Spring 1982.

SPEA Subcommittee of the Undergraduate Policy Committee for Revision of Admissions Standards, Spring 1982.

SPEA Subcommittee of the Undergraduate Policy Committee for Revision of the Honors Program, Spring 1982.

SPEA Committee to Review the Graduate Urban and Regional Planning Concentration, Spring 1982.

SPEA Committee to Review the Graduate Public Financial Administration Concentration, Spring 1982.

SPEA Search and Screen Committee for new Public Management Information Systems position in Bloomington, Spring 1982-Summer 1982.

Academic Computing Policy Committee (formerly Bloomington Campus Computer Use Committee, Summer 1982-Summer 1991).

SPEA Teaching/Experiential Learning Committee, Fall 1982-Spring 1985.

Technical Panel for the Urban and Regional Planner Position, Fall 1982-Spring 1983.

Software Subcommittee of the Bloomington Campus Computer Use Committee, Fall 1982-Spring 1983.

Network Integration Subcommittee of the Bloomington Campus Computer Use Committee, Fall 1982-Spring 1983.

Documentation and Consulting Subcommittee of the Bloomington Campus Computer Use Committee, Fall 1983-Spring 1984.

Bloomington Academic Computer Services Technical Advisory Board, Spring 1983-Fall 1987.

Bloomington Academic Computer Services Technical Advisory Subcommittee for selection of CP/M microcomputer to be placed on Supported Equipment List, Spring 1983.

SPEA Ad Hoc Committee to revise the Undergraduate BSPA Program, Summer 1983.

SPEA Undergraduate Policy Committee, Fall 1983-Spring 1985.

SPEA External Affairs Committee, Fall 1983-Spring 1985.

Bloomington Academic Computer Services Technical Advisory Board Subcommittee, Spring 1984.

SPEA Ad Hoc Committee to develop a concentration in Public Management Information Systems, Spring 1984-Fall 1985.

SPEA Technical Panel for the Environmental Information Systems position, Fall 1984-Spring 1985.

Bloomington Dean of Faculties Instructional Development Grant Committee, Fall 1984-Spring 1988.

SPEA Graduate Policy Committee, Fall 1985-Spring 1989.

SPEA Strategic Planning Task Force, Fall 1985-Fall 1986.

SPEA Evaluation Subcommittee of the Strategic Planning Task Force, Fall 1985-Fall 1986.

SPEA Technical Panel for the Public Management Information Systems/Management Analysis Position, Spring 1986.

Bloomington Campus Computer Use Committee, Student Computer Literacy Subcommittee, Fall 1985-Spring 1986.

HPER-SPEA Strategic Initiatives Coordinating Committee (co-chair beginning Fall 1996).

Bloomington Campus Computer Use Committee, Database Subcommittee, Fall 1986-Spring 1988.

Bloomington Dean of Faculties Sabbatical Leaves Committee, Fall 1987-Spring 1989.

Urban and Regional Analysis Faculty Ad Hoc Committee to prepare a proposal for a graduate economic development concentration as a replacement for the graduate planning concentration in Bloomington, Fall 1988.

Urban and Regional Analysis Faculty Ad Hoc Committee to explore the urban affairs content of the undergraduate curriculum, Fall 1988.

Bloomington Vice President's Ad Hoc Committee on Responsibility Center Budgeting for Academic Computing, Fall 1988.

Administrative Computing Needs Committee, Spring 1989-Summer 1989.

End User Computing Task Force, Summer 1989-Fall 1989.

Access to University Information Task Force, Spring 1989-Fall 1989.

SPEA Ad Hoc Committee of the P&A Faculty for Revision of the P&A Concentration, Fall 1989.

SPEA Search and Screen Committee for Graduate Program in Urban Planning Positions (3) at

IUPUI, Fall 1990-Spring 1991.
 SPEA Urban Planning Faculty Committee to Develop Master's Degree in Urban Planning,
 Spring 1990-Fall 1992.
 Academic Computing Policy Committee Subcommittee on Academic Information Systems,
 Fall 1990-Summer 1991.
 Administrative Computing Advisory Committee, Fall 1989-Summer 1992.
 Administrative Computing Advisory Committee Executive Committee, Fall 1989-Summer 1992.
 Data Management Issues Subcommittee of the Administrative Computing Advisory
 Committee, Fall 1990-Fall 1991.
 University-wide Systems Development Priorities Committee, Fall 1989-Summer 1992.
 Audio-Visual Center Task Force, Fall 1990-Spring 1991.
 SPEA Computing Committee, Fall 1991-Spring 1996.
 Academic Computing Policy Committee, Fall 1992-Spring 1997.
 University Computing Services Public Facility Policies Committee, Summer 1993.
 Bloomington Campus Digital/Analog Technology Committee, Spring 1993-Fall 1993.
 SPEA Ad Hoc Committee on K300, Spring 1993.
 University Computing Services Database Support Group Advisory Committee, Fall 1993-Spring 1997.
 Research and University Graduate School Review Committee for the Undergraduate Research
 Partnership Program, Fall 1993-Spring 1995.
 SPEA Professional Masters Admissions and Financial Aid Committee, Fall 1996-Spring 2001..
 SPEA Career Services Committee, Fall 1994-Spring 1997.
 SPEA Search and Screen Committee for the Urban Policy Faculty Position, Fall 1995-Spring 1996.
 Search and Screen Committee for the Vice-President for Information Technology, Fall 1995-Summer 1996.
 SPEA Dean's Student Advisory Council, Fall 1994-Spring 1999.
 Bloomington Campus Curriculum Coordinating Committee, Summer 1996-Spring 1999..
 SPEA Cohort Coordinating Committee, Fall 1996 and Fall 1997.
 SPEA Information Technology Committee, Fall 1996-present.
 SPEA Placement Services Committee, Fall 1997-Spring 1999.
 Bloomington Campus Enrollment Services Associate Deans' Advisory Committee, Fall 1997-Spring 1999.
 Office of the Vice-President for Information Tech Task Force on Admin. Computing, Fall 1997-Spring 1998.
 Bloomington Campus Information Technology Council, Spring 1998-present.
 School of Informatics Faculty Advisory Committee, Fall 1999-present.
 Bloomington Campus University Division Advisory Committee, Fall 2000-Fall 2001.
 Graduate School Summer Faculty Fellowship Selection Committee, fall.
 SPEA Bloomington Information Technology Committee, Spring 2000-present.
 SPEA Bloomington Scheduling Committee, Fall 2000-present.
 Systemwide Undergraduate Policy Committee, Fall 2000-Spring 2001.
 Systemwide Graduate Policy Committee, Fall 2000-Spring 2001.
 University Information Technology Services Strategic Plan Update Committee on Information
 Systems, Fall 2001.
 University Information Technology Services Faculty Advisory Committee on the Student
 Information System, Fall 2000-Spring 2004.
 University Information Technology Services Faculty Advisory Committee for the Data Management
 Support Group, Fall 2000-Spring 2003.
 Bloomington Faculty Council member, elected as SPEA's representative, Fall 2001-Spring 2005.
 University Faculty Council member, Fall 2001-Spring 2003.
 Bloomington Faculty Council Information Technology Committee, Fall 2001-Spring 2006.
 University Faculty Council Technology Policies Committee, Fall 2001-Spring 2003.
 Faculty Colloquium for Excellence in Teaching (FACET) ad hoc advisory committees, 2001 and 2003.
 IU-Bloomington Strategic Planning Committee, Fall 2003-Spring 2004.
 SPEA Committee for a New SPEA Building, Fall 2004-Spring 2008.
 SPEA MPA Policy Committee, Spring 2005-present.
 Bloomington Campus Scholarship of Teaching and Learning Advisory Committee, Fall 2004-present.
 Administrative Review Committee for Dean Astrid Merget, Fall 2005-Summer 2006.
 SPEA Bloomington Personnel Committee, Fall 2004-Summer 2005.

Bloomington Bus/SPEA Library Reconceptualization Task Force, Spring 2005-Fall 2005.
SPEA System-wide Promotion and Tenure Committee, Fall 2005 and Fall 2008.
SPEA Bloomington Budgetary Advisory Committee, Fall 2006.
Bloomington Scholarship of Teaching and Learning Advisory Committee, Fall 2006-present.
IU-Bloomington Campus Sustainability Advisory Board and CSAB Executive Committee, Fall 2009-present.

Other University Service, Indiana University

Explored possibilities for use of Computer Assisted Instruction in SPEA's statistics and quantitative analysis courses, 1980-1981.
Negotiated (with Kingsley Haynes) with the Indiana State Chapter of the American Planning Association concerning a planning certificate program in Indianapolis and recognition of the SPEA graduate Planning Concentration by the American Planning Association, 1980-1981.
Provided major technical assistance for the set-up, design, and operation of the microcomputer based graduate administrative information system for the MPA program, 1981-1984.
Participated in establishing Yugoslavian/American exchange program with the Office of International Programs, Spring 1982.
Organized the Urban and Regional Analysis faculty session for the 1982 SPEA statewide faculty seminar, Summer 1982-Fall 1982.
Planned, configured, ordered initial equipment, set up, and assisted with the maintenance of the SPEA Graduate Student Computing Lab, Summer 1982-Spring 1989.
Co-site supervisor of SPEA private Remote Job Entry Site and Faculty Computing Lab.
Responsible for making arrangements for RJE transfer to new building; acquisition of faculty computing terminals; arrangements for Coaxial Computer Cable hookups in SPEA Labs, Classrooms, and faculty offices; conversion of SPEA RJE to CDC 855 Computer Communications; and general supervision of the RJE and other SPEA computing equipment; Fall 1982-Summer 1986.
Serve as informal advisor to SPEA faculty on purchase and use of computer workstations for research and teaching, Fall 1982-present.
Participated as a member of the design team for the development of the SPEA U.S. AID Dominican Republic Project, and served as consultant to AID for the design and development of the computing system, selection and integration of educational media, and development of the library for this program, Spring 1983.
Planned, configured, ordered equipment, set up, and maintained SPEA faculty microcomputer lab, Summer 1983-Spring 1988.
Organized and taught Microcomputing Workshops for SPEA faculty (24 lecture hours per workshop), Summer 1983 and Spring 1984.
Initiated discussions and negotiations with IBM concerning equipment acquisition grants and funding for SPEA instructional computing projects, Spring 1984-Spring 1985.
Developed and taught Indiana University Faculty Computer Literacy Level II Course on Decision Support Systems; Fall 1984; Spring, Summer and Fall 1985.
Participated in SPEA-Cairo University USAID Linkage Project, Fall 1984.
Assisted with the planning and development of the SPEA-Cairo University U.S. Workshop, Summer and Fall, 1985.
As chairperson of the Bloomington SPEA Computing Committee, compiled three-year plan for acquisition of microcomputers and integration of microcomputing into the graduate curriculum, and prepared 1986 SPEA Long-Range Computing Plan. Fall 1985-Spring 1986.
Prepared and delivered presentation on use of WordPerfect word processing software to the SPEA clerical staff, Spring 1988.
Presentation on the advanced features of WordPerfect Version 5.0 software to faculty at the SPEA faculty seminar, Fall 1988.
Advisor to SPEA faculty and staff on use of WordPerfect software, laser printers, and other computer hardware and software, Spring 1988-present.
Presentation to Administrative Information Managers on Relational Database Management Systems, May 1990.
Presentation to the IU Library Faculty on implementing large-scale automation projects, February 1990.

Serve as informal advisor to University Computing Services on policy and operational issues, Fall 1991-present.

Faculty mentor for Professor David Reingold, Spring 1998-present.

Faculty mentor for Professor Jon Gant, Fall 1998-Spring 2001.

Founding faculty for the IU School of Informatics, Summer 2000-present.

Faculty Mentor for Visiting Assistant Professor Yu-Che Chen, Summer 2001-Spring 2003.

Organized (with David Audretsch) and served as a panelist for the SPEA Statehouse Colloquium Series on Economic Development, Indianapolis, IN, February 2000 and February 2001.

Presentation to IUB Faculty Council Long-Range Planning Committee on strategies for campus strategic planning, November 2006.

Student Service, Indiana University

Student Advising

Undergraduate Advisor for Community Development and Planning Concentration, formal and informal counseling, 1979-1984.

Graduate Advisor for Urban and Regional Planning Concentration, formal and informal counseling, 1979-1989.

Advisor to Ph.D. students in Regional Analysis and Planning Program and in SPEA Ph.D. Minors, formal and informal counseling, 1979-2004.

Undergraduate Advisor for the Transportation Concentration, formal and informal counseling, 1981-1982.

Undergraduate Advisor for University Division, formal and informal counseling, 1981-1982, and 1983-1984.

Graduate Advisor for the Public Management Information Systems Concentration/Track, Fall 1985-Summer 1986, and Fall 1990-Spring 1999.

Ph.D. Advisor, Examination Committee Chair, and Dissertation Committee Chair for Barry D. Solomon, Spring 1981-Fall 1983.

Ph.D. Examination Committee and Dissertation Committee Member for Zachary Machunda, Ph.D. candidate in Regional Analysis and Planning Program, Spring 1984-Fall 1988.

Ph.D. Examination Committee and Dissertation Committee Member for Roger Ford, Summer 1985-Spring 1989.

Ph.D. Examination Committee Chair for Alladin Faoud, Fall 1987-Spring 1989.

Ph.D. Examination Committee Member for Charles Hurst, Fall 1987-Fall 1988.

Ph.D. Advisor and Examination Committee Chair for Craig Richards, Summer 1987-Spring 1994..

Ph.D. Examination Committee Member for Khaled Al-Arfaj, Spring 1988-Spring 1993.

Ph.D. Examination Committee Member for Abdul Kadir, Spring 1989-Spring 1995.

Ph.D. Advisor and Committee Chair for Shervanthe Fernando, Fall 1990-Spring 1993.

Ph.D. Advisor and Examination Committee for Mark Hilton, Fall 1992-Spring 1999.

Ph.D. Dissertation Committee Member for Zainal Hasibuan, Fall 1992-Spring 1995.

Ph.D. Dissertation Committee Member for Ualthan Bigby, Summer 1992-Fall 1994.

Ph.D. Dissertation Committee Member for Douglas Justus, Summer 1992-Fall 1993.

Ph.D. Advisory and Examination Committee Member for Charles Schweik, Spring 1994-Fall 1997.

Ph.D. Dissertation Committee Member for Michael McGuire, Summer 1994-Summer 1995.

Ph.D. Dissertation Committee Member for Anna Amelio Boschio, Spring 1994-Spring 1996.

Ph.D. Dissertation Committee Member for Stan Anderman, Summer 1994-Summer 1995.

Ph.D. Advisory Committee Member for Brent Smith, Spring 1995-Spring 2000.

Ph.D. Advisory and Exam Committee Member for Januar Hakim, Fall 1993-Spring 1998.

Ph.D. Advisory and Exam Committee Member for Garth Banninga, Fall 1994-Spring 1987.

Ph.D. Dissertation Committee Member for Ken Kriz, Summer 1998-Spring 2000.

Ph.D. Examination Committee Member for Clark Gradney, Fall 1998.

Ph.D. Dissertation Committee Member for R. Anthony Rolle, Spring 1998-Fall 2000.

Ph.D. Dissertation and Advisory Committee Member for an additional 20 students, Spring 2000 to present.

General Advisor for the SPEA MPA Program, Fall 1996-Spring 1998.

Gatekeeper for SPEA MPA V506 Statistical Analysis core course, Fall 1996-Spring 1998, Fall 2000-Fall 2003.
Advisor for the SPEA MPA Urban Management Concentration, Fall 1997-Spring 2001.
Advisor for the SPEA MPA Economic Development Concentration, Fall 2001-present.
Advisor for the SPEA MPA Management Information Systems Concentration, Spring 2000-Spring 2008.
Advisor for the SPEA Undergraduate Minor in Information Systems, Fall 2000-Spring 2008.
Advisor for SPEA Undergraduate Informatics Cognate, Fall 2002-Spring 2008.
Advisor for SPEA Undergraduate Management Major, Fall 2003-Spring 2010.

Other Student Service

SPEA Colloquium presentation on regional econometric modeling and applications to Pi Alpha Alpha honorary fraternity, Fall 1979.
Internship development and supervision in conjunction with the SPEA internship/placement office, 1979-present.
Restructured MPA Planning Concentration to improve overall educational content and meet guidelines of the American Planning Association, 1979-1980.
Developed (with Professor Clinton Oster) contacts and topic for the V450/V550 Workshop in Planning, Spring and Summer, 1980.
Served as major resource faculty and assisted with the development of the topic for the V450/V550 Workshop in Planning, Spring and Fall 1981.
Organized and presented graduate orientation panels for Planning Concentration, Fall 1981, 1982, and 1983.
Proposed major changes in the SPEA undergraduate program, stimulating major discussion of revisions to the undergraduate core and admission requirements, Fall 1981.
Lilly Fellowship Program Project Advisor, advised approximately 20 Lilly Fellows on their community assistance projects, Fall 1981-Spring 1988.
Organized and presented Quantitative Analysis Workshop for the graduate orientation program, Fall 1982.
Organized and presented Computing Workshop (with Ted Miller) for the graduate orientation program; Fall 1983, Fall 1984, Fall 1985, and Fall 1986.
Supported 21 graduate students and eight undergraduate students via externally generated funding.
Faculty Sponsor, Individual Major Program, for Mark Powers, Spring 1989-Spring 1991.
Faculty Sponsor, Individual Major Program, for John Hupp, Spring 1992-Fall 1992.
Faculty Sponsor, Individual Major Program, for Troy Schwartzenrubber, Fall 1993-Spring 1996.
Presentation to SPEA graduate student conference on the future of information systems in the public sector, Spring 2000.
Presentation to the V691 Ph.D. Seminar on Dick Rubin' and my research on collaborative management, and on how to conduct interdisciplinary, collaborative research, Spring 2000.
Participated in all major graduate student recruiting activities, including the SPEA Graduate Student Open House, annually.
Served as SPEA representative and panelist at a special Graduate Recruiting Fair at the IMU, Fall 2001.
Organized and chaired SPEA MPA Orientation Information Systems Concentration Session, Fall 2000-Fall 2004
Provided numerous presentations and orientation sessions for SPEA MPA students and prospective students, Fall 2004-present.

Public Service

Member of the Wisconsin Department of Transportation Advisory Commission for the Multimodal State Transportation Plan, 1976-1977.
Member of the Town of Fitchburg Parks and Recreation Board, 1976-1977.
Steering committee member of the Texas Regional Conference on Alternative Policies, 1978.
Presentation on economic development of the Ft. Worth-Dallas metropolitan area on the television show "Voter's Digest," Ft. Worth, TX, Spring 1978.
Advisor to the City of Arlington Planning Department, Arlington, TX, (with Professor R. Gene Brooks), Spring and Fall, 1978.
Principal organizer and co-chairperson of PLAN-C, a planning organization for citizens and professional planners, Ft. Worth, TX, 1978-1979.

Presentation on fiscal impact analysis to a community seminar sponsored by the Region 10 Planning Commission, Bloomington, IN, Fall 1979.

Advisor to the Ohio-Kentucky-Indiana Regional Planning Agency, Cincinnati, OH, 1979-1981.

Advisor to the chairman of the Monroe County Planning Commission, Bloomington, IN, Spring 1980.

Advisor to the Mayor's Office, Bloomington, IN, 1980-1981.

Staff to the Bloomington Community Progress Council, Bloomington, IN, 1980-1981.

Member of the Board of the Bloomington Community Progress Council and economic development committee, Bloomington, IN, 1981-1988.

Advisor to U.S. Forest Service staff of the Hoosier National Forest, Bedford, IN, Spring and Summer, 1980.

Round table conference with editor of the Bloomington Herald-Telephone, Bloomington, IN, Fall 1980 and Spring 1982.

Guest column written for the Bloomington Herald-Telephone, Fall 1980.

Advisor to the Washoe County Regional Planning Agency, Reno, NV, 1981-1983.

Advisor to the Indiana Legislative Services Agency, Indianapolis, IN, 1981-1982.

Advisor and consultant to the Economic Analysis Unit, Indiana Department of Commerce, Indianapolis, IN, 1981-1989.

Advisor to the Town of New Whiteland, IN, on preparation of a new zoning ordinance, Summer 1982-Spring 1983.

Chairperson of the Bloomington Progress Council Ad Hoc Committee to investigate and recommend action on the Monroe County Space Needs/Courthouse Renovation Problem, Fall 1982.

Presentation on computing possibilities for county government to the Kosciusko County Commissioners, Judicial Staff and Department Heads, May 1983.

Consultant to the Indiana Chamber of Commerce Foundation on economic development, Summer 1983-Summer 1984.

Presentation to the Division Directors and Senior Staff of the Indiana Department of Commerce on comparative state manufacturing costs, August 1983.

Member of the Monroe County Government Technical Advisory Board for Information Processing, Summer 1984-Fall 1986.

Advisor to the Monroe County Commissioners on county land use planning and planning director search, Spring 1986.

Presentation to the Monroe County League of Women Voters on comprehensive planning for Monroe County, November, 1986.

Advisor to the Friends of the Fine Arts Bookstore Committee on implementation of a computerized information system, December 1987.

Advisor to the Monroe County Planning Department on issues of land use and the development of a comprehensive plan for Monroe county, Spring 1988-Fall 1988.

Member of the planning committee for the Bloomington Tomorrow workshop, Spring 1988-Fall 1989.

Presentation on the planning process titled, "An Academic View of the Planning Process," to the first session of the Bloomington Tomorrow workshop, November 1988.

Advisor to Indiana University Student Health Center, Medical Records Division, for use of a student immunization tracking and reporting information system, Spring 1988-Fall 1990.

Advisor to Indiana University Student Health Center, Counseling and Psychological Services, for use of a client tracking and analysis decision support system, Spring 1988-Fall 1990.

Advisor to the Indiana State Enterprise Zone Board, Spring 1987-Spring 1993.

Presentation on continuing enterprise zone research to the Indiana State Enterprise Zone Board, July 1988.

Member of the steering committee for Quality Growth, Inc., of Bloomington, Fall 1988-present.

Presentation on the planning process titled, "The Planning Process: Who Decides Our Future?" to the general public. Bloomington, IN, July 1989.

Facilitator and advisor for the Monroe County Humane Association strategic planning process. Fall 1990-Spring 1992.

Guest on 90 minute WTIU Television program "Planning the Future," on the new master plan for the City of Bloomington. July 2, 1990.

Provided invited testimony on urban enterprise zones before the Indiana Legislative Study

Committee on Tax Incentives, August 1992.

Advisor to the City of Bloomington on implementation of the Master Plan, Fall 1992-Spring 1994.

Advisor to the Bloomington Urban Enterprise Zone Board, Summer 1992-Fall 1994.

Presentation (requested) to the Bloomington Tomorrow/City of Bloomington workshop on the Bloomington Master Plan, December 10, 1993.

Advisor to the City of Bedford Enterprise Zone Urban Enterprise Association, and member of the advisory committee; I advised board members on enterprise zone organization, structure, and potential activities; Fall 1993-Fall 1994.

Advisor to the Bloomington Enterprise Zone Executive Director; Spring 1993-Fall 1995.

Advisor to the City of Bloomington on the development of a proposal and strategic plan for designation as a federal enterprise community or empowerment zone, Spring 1994.

Consultant to the Indiana State Gaming Commission on the economic development impacts of riverboat gambling activities, Spring 1994-present.

Advisor to the Director of the Bloomington City Planning Department, Fall 1996.

Advisor to the City of Bloomington Planning Department for the Growth Policies Plan update and member of the Growth Policies Plan Update Steering Committee, Fall 1998-Spring 2004.

Advisor to the Indiana Economic Development Council on strategic planning for economic development and member of the Strategic Planning Advisory Committee, Fall 1998 and Fall 1999.

Advisor to Monroe County Commissioners on urban sprawl and member of the Urban Sprawl Research Committee, Spring 2000-Fall 2000.

Advisor (with Dick Rubin) to Indianapolis AFSCME Local Union officers on collaborative management and how to maintain the Employee Partnership established under the Goldsmith Mayoral Administration, Spring 2000-Spring 2004.

Invited panel participant for public discussion of "Metrics and the 21st Century Fund Strategies" sponsored by the Indiana 21st Century Fund for Research and Technology and the Indiana Economic Development Council, Fall 2000.

Advisor to the City of Bloomington Planning Department for the development of a database and information system for tracking planning information on land parcels (via V611 project and meetings with the City), Fall 2001.

Advisor to the Indiana Economic Development Council on a research agenda for the State, on economic development strategies to implement the IEDC strategic plan, and on econometric modeling of plan impacts; 2001.

Advisor to the Indiana 21st Century Fund for Research and Technology on implementing the Fund's strategic goals; Spring 2001.

Advisor to the Indiana State Budget Agency on the relevance of state econometric analyses of daylight savings time on total and peak electrical energy demand for Indiana, Fall 2001.

Advisor (with Dick Rubin) to the AFSCME Local Union for the City of Indianapolis on their collaborative management employee Partnership program; 2000-2002.

Advisor to the Gary, Indiana Enterprise Zone Board and the Enterprise Zone Director on economic development, Fall 2002.

Advisor to the U.S. Forest Service, Denver Office, on statistical methods for lake sampling in wilderness areas as part of V507 project, Spring 2004.

Advisor to the U.S. Navy Sea Systems command on sampling and statistical analysis methods for quality testing of systems performance, Summer 2004-present.

Advisor to the City of Bloomington on the closing of the GE Plant, Fall 2008.

Wikimedia Foundation Public Policy Project Advisory Board, Summer 2010-present.

PROFESSIONAL ACTIVITIES

Scholarly Papers and Lectures

"The Central City versus the Suburb," panel discussion at the 1977 Meetings of the Texas Chapter of the American Society for Public Administration, Fort Worth, TX, February 1978.

"Regional Econometric Models and Intergovernmental Policy Analysis," presented at the National Meeting of the American Society for Public Administration, Phoenix, AZ, April 1978.

"Further Evidence on the Metropolitan Region Labor Market Unemployment-Inflation Adjustment Mechanism," presented at the North American Meetings of the Regional Science Association, Los Angeles, CA, November 1979.

"Econometric Models for Metropolitan Regional Planning Agencies," presented at the Annual Meeting of the American Planning Association, Cincinnati, OH, October 1980.

"Siting of Coal Liquefaction Facilities in the Illinois Basin: Economic and Fiscal Impact Analysis," with Barry D. Solomon, presented at the Land Use Workshop, Midwest Universities Energy Consortium, Ann Arbor, MI, October 1981.

"Integrated Economic and Fiscal Impact Analysis: Conceptual Development of a Pooled Time Series, Cross-Sectional Econometric Method with Application to Synthetic Fuels Plants," with Barry D. Solomon, presented at the North American Meetings of the Regional Science Association, Montreal, Canada, November 1981.

"Evaluating Regional Impacts of Large Scale Projects: Energy Development in Southern Indiana," presented at the conference on Dimensions of Regional Development and Planning: Institutions, Regions, and Impacts, Bloomington, IN, May 1982.

"Teaching Econometric Modeling and Forecasting in Graduate Planning Programs," invited paper presented at the American Collegiate Schools of Planning annual meeting, Chicago, IL, October 1982.

"Regional Impacts of Large-scale Energy Development Projects: Estimation of a Pooled Cross-Sectional Time-Series Econometric Model," presented at the North American Meetings of the Regional Science Association, Pittsburgh, PA, November 1982.

"Small Area Econometric Modeling: Evaluation of a Pooled Time Series Cross-Sectional Approach at the County Level," presented at the Fourteenth Annual Modeling and Simulation Conference, Pittsburgh, PA, April 1983.

"Microcomputing in Graduate Public Affairs Curricula," invited paper presented at the National Association of Schools of Public Affairs and Administration national conference, Minneapolis, MN, October 1983.

"A State-level Comparative Cost Analysis of Manufacturing Industries at the Two-Digit SIC Level," presented at the North American Meetings of the Regional Science Association, Chicago, IL, November 1983.

"Environmental Linkages in Regional Econometric Models: An Analysis of Coal Development in Western Kentucky," with Barry D. Solomon, presented at the North American Meetings of the Regional Science Association, Chicago, IL, November 1983.

"A Simulation Approach to Regional Transportation Cost Analysis for Manufacturing Firms," with C. Kurt Zorn, presented at the Fifteenth Annual Modeling and Simulation Conference, Pittsburgh, PA, April 1984.

"Microcomputers in Development Management," invited paper presented at the annual meeting of the International Association of Schools and Institutes of Public Administration, Bloomington, IN, July 1984.

"A Disaggregated Three-Digit SIC Comparative Cost Analysis for Manufacturing Industries in the East North-Central Region," with C. Kurt Zorn, presented at the 31st North American Meetings of the Regional Science Association, Chicago, IL, November 1984.

"Microcomputers in Policy Analysis," presented to the faculty of Cairo University, US AID sponsored linkage project, Cairo, Egypt, November 1984.

"Microcomputer Applications for Mental Health Service Agencies," presented at the Governor's Annual Mental Health Services Conference, Indianapolis, IN, December 1984.

"Information Systems Design and Analysis Programs in Graduate Public Management Education," presented to the Data Processing Manager's Association, Bloomington, IN, April 1985.

"Indiana's Manufacturing Business Costs: An Economic Development Analysis," presented to the Indiana Area Development Council, Indianapolis, IN, June 1985.

"Comparative Advantage in Manufacturing Location Costs: A Methodological Verification and Shift-Share Analysis," presented at the 32nd North American Meetings of the Regional Science Association, Philadelphia, PA, November 1985.

"Comparative Advantage in Manufacturing Location Costs: Decomposition of Shift-Share Indicators," presented at the 17th Annual Conference of the Modeling and Simulation Society, Pittsburgh, PA, April 1986.

"Developing Microcomputer-Based Decision Support Systems for Public Agencies," presented at the 47th National Conference of the American Society for Public Administration, Anaheim, CA, April 1986.

"Targeted Urban Economic Development: The Urban Enterprise Zone," with Margaret Wilder, presented at the annual conference of the Urban Affairs Association, Akron, OH, April 1987 (received best paper award for the 1987 conference from the Urban Affairs Association).

"Urban Enterprise Zones: An Analysis of Employment Impacts and Fiscal Incentives," with Margaret Wilder, presented at the 18th Annual Meeting of the Urban Affairs Association, St. Louis, MO, March 1988.

"Implementation of Public Sector Management Information Systems: Lessons from Experience," presented at the Annual Meeting of the American Society for Public Administration, Portland, OR, April 1988.

"Enterprise Zones in Indiana," presented at the Indiana Policy Forum, Ft. Wayne, IN, October 1988.

"The Effectiveness of the Urban Enterprise Zone as a Tool for Economic Development," with Margaret Wilder, presented at the 30th Annual Conference of the Association of Collegiate Schools of Planning, Buffalo, N.Y., October 1988.

"Evaluating the Urban Economic and Fiscal Impacts of Attracted Large-Scale Industrial Development Projects," with C. Kurt Zorn, presented at the 1989 Urban Affairs Association Annual Meeting, Baltimore, MD, March 1989.

"Enterprise Zones: A Review and Synthesis of Empirical Analyses," with Margaret Wilder, presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Portland, OR, October 1989.

"Strategic Planning in University Computing Organizations," presented at the 1990 Association of Computing Machinery Special Interest Group on University Computing Centers, St. Louis, MO, March 1990.

"Organizing for Local Economic Development: What Works and What Doesn't," with Craig Richards, presented at the Annual Meeting of the American Collegiate Schools of Planning, Austin, TX, November 1990.

"Successfully Merging Administrative and Academic Computing," with Polley McClure and Sue Stager, presented at the CAUSE National Conference, Miami Beach, FL, December 1990.

"From Segregation to Integration: Planning for Academic Information Systems," with Don Grinstead and Gerry Bernbom, presented at the CAUSE National Conference, Miami Beach, FL, December 1990.

"A Transatlantic Comparison of Enterprise Zone Impacts: The British and American Experience," with Craig Richards, presented at the American Collegiate Schools of Planning - Association of European Schools of Planning International Congress, July 1991, Oxford, U.K.

"Predicting and Planning for the Local Economic Development Impacts of Global Warming," with Mark Hilton, paper presented at the American Collegiate Schools of Planning Annual Conference, October 1992, Columbus, OH.

"A Framework for Assessing the Regional Ecological, Economic and Energy Impacts of Global Climate Change," (with Clinton Oster, Kerry Krutilla, and Mark Hilton), presented at the Fourth Annual International Conference on Global Warming, Chicago, IL, April 1993.

"Building Development Capacity in Nonmetropolitan Communities," with Michael McGuire, Robert Agranoff, and Craig Richards, presented at the 23rd Annual Meeting of the Urban Affairs Association, Indianapolis, IN, April 1993.

"Strategic Planning: Its Utility for Non-Metropolitan Community Development," with Michael McGuire, Robert Agranoff, and Craig Richards, presented at the 23rd Annual Meeting of the Urban Affairs Association, Indianapolis, IN, April 1993.

"The Urban Enterprise Zone: A Major Tool for Urban Economic Development?" invited scholarly lecture for the University of Kansas, Graduate Program in Urban and Regional Planning, Lawrence, KS, March 17, 1993.

"Estimating the Regional Economic Development Impacts of Global Climate Change," invited scholarly lecture for the University of Kansas, Graduate Program in Urban and Regional Planning, Lawrence, KS, March 18, 1993.

"Conducting Comparative Local Economic Development Research between the U.S. and Great Britain," invited panel presentation at the Annual Meeting of the Association of Collegiate Schools of Planning, Philadelphia, PA, October 1993.

"Economic Impacts of Global Climate Change on the Great Lakes Region," invited paper presented at the National Oceanic and Atmospheric Administration Conference on the Impacts of Global Climate Change on the Great Lakes, Ann Arbor, MI, December 1993.

"The Urban Economic Impacts of Global Climate Change," with Mark Hilton, presented at the 24th Annual Meeting of the Urban Affairs Association, New Orleans, LA, March 1994.

"Projected Economic Impacts and Mitigation Strategies for Global Climate Change in Multi-county Regions of the Midwest," with Mark Hilton, Clare Breidenich, and Clinton Oster, presented at the Fifth Annual International Conference on Global Warming, San Francisco, CA, April 1994.

"A Public-Private Partnership Perspective on Human Capital for Local Economic Development," with Jim Willis, presented at the Partnership in Local Government Conference, Hinasgarden, Sweden, August 1994.

"Identifying the Local Economic Development Impacts of Global Warming," invited scholarly address, Institute for the Environment and Sustainable Development Seminar Series, University of Louisville, Louisville, KY, September 21, 1994.

"A Multidisciplinary Analysis of the Regional Economic Impacts of Global Environmental Change," with Mark Hilton and James Greco, presented at the 25th Annual Meeting of the Urban Affairs Association, Portland, OR, May 1994.

“Research Needs in Assessing the Regional Economic Impacts of Global Climate Change on the Great Lakes Basin,” with Mark Hilton, presented at the Canadian/U.S. Joint Conference on Global Climate Change Research on the Great Lakes, Ontario, Canada, March 1995.

“A Multidisciplinary Comparison of the Relative Rural and Urban Economic Impacts Associated with Global Climate Change,” with James Greco and Mark Hilton, presented at the 25th Annual Meeting of the Urban Affairs Association, Portland, OR, May 1995.

“Economic Impacts of Transportation Investments: The Case of Federal Express,” with Clint Oster and John Strong, presented at the 1995 Annual Meeting of the Transportation Research Forum, Chicago, IL, October 1995.

“The Urban Economic Development Impacts of Riverboat Gaming: The Case of Gary, Indiana,” with Larry DeBoer, Clinton V. Oster, Jr., and C. Kurt Zorn, paper presented at the 26th Annual Meeting of the Urban Affairs Association, New York, NY, March 1996.

“Gaming, Lotteries, and Riverboat Gambling: A Performance Evaluation,” with C. Kurt Zorn, paper presented at the 26th Annual Meeting of the Urban Affairs Association, New York, NY, March 1996.

“Assessing the State-Level Consequences of Global Warming: Socioeconomic and Energy Demand Impacts,” with Sean Gailmard, presented at the 7th International Conference on Global Warming, Vienna, Austria, April, 1996.

“Assessing the Socioeconomic and Energy Demand Consequences of Global Climate Change: Impacts and Preliminary Policy Analysis for the State of Indiana,” presented at the Inter-regional Conference of the National Institute for Global Environmental Change, Tuscaloosa, AL, May, 1996.

“The MPA *Revisioned*,” with C. Kurt Zorn, paper presented at the National Association of Schools of Public Affairs and Administration Annual Conference, Denver, CO, October 1996.

“Changing the Graduate Curriculum,” with C. Kurt Zorn, poster session presented at the National Association of Schools of Public Affairs and Administration Annual Conference, Denver, CO, October 1996.

“Some Suggestions for Managers Who Teach: A Guide to the Graduate Classroom,” paper presented at the International City/County Managers Association Annual Conference, Portland, OR, September 1999.

“Statistics and Liberal Education II,” intermediate report presented at Carnegie Foundation Residency, Stanford University, Palo Alto, CA, January, 2004.

“Statistics and Liberal Education III,” final report presented at Carnegie Foundation Residency, Stanford University, Palo Alto, CA, June, 2004.

“Decoding Applied Data in Professional Schools: Active and Collaborative Learning in Marketing and Statistics,” presented at the Annual Conference of the International Society for Teaching and Learning, Indiana University, Bloomington, IN, October, 2004.

“Enhancing Student Learning of Statistics via Digitized Video-Based Case Studies,” presented at the Annual Conference of the International Society for Teaching and Learning, Indiana University, Bloomington, IN, October, 2004.

“Graduate Student Employees and Their Propensity to Unionize: Evidence from Indiana University and the University of Illinois,” with Richard Rubin, presented at the 33rd Annual Conference of the National Center for the Study of Collective Bargaining in Higher Education and the Professions, New York, April 2005.

“Further Evidence on the Use of Digital Video Case Studies to Enhance Statistical Learning,” presented at the 2nd Annual Meeting of the International Society for the Scholarship of Teaching and Learning, Vancouver, B.C., October 2005.

“State-level Integrated Assessment of Energy Policy,” with Zach Wendling, et. al., presented at the Annual Meeting of the U.S. Association of Energy Economists, Washington, DC, October 2011.

“State-level Integrated Assessment: Energy Prices and Economic Responses,” with Zach Wendling, et. al., presented at the Annual Conference of the Association for Public Policy Analysis and Management, Washington, DC, November 2011.

Other Professional Activities

Reviewer for *Public Administration Review*, 35 manuscripts, 1979-present.

Reviewer for *The Journal of Planning Education and Research*, 2 manuscripts, 1981 and 1983.

Peer reviewer for the National Science Foundation, 7 grant proposals reviewed, 1981-1983.

Reviewer for *Land Economics*, 2 manuscripts, 1985.

Reviewer for *Journal of Forecasting*, 2 manuscripts, 1985 and 1989.

Reviewer for *Policy Studies Journal*, 2 manuscripts, 1986 and 1994.

Reviewer for *The Journal of Urban Affairs*, 25 manuscripts, Spring 1987-present.

Reviewer for *Urban Affairs Quarterly*, 6 manuscripts, Fall 1988-present.

Reviewer for *Economic Development Quarterly*, 19 manuscripts, Fall 1990-present.

Reviewer for *State and Local Government Review*, 2 manuscript, Spring 1991.

Reviewer for *Journal of the American Planning Association*, 9 manuscripts, Fall 1992-present.

Reviewer for the *Journal for the Scholarship of Teaching and Learning*, 2 manuscripts, Summer 2004-present.

Discussant at the North American Meetings of the Regional Science Association, Milwaukee, WI, Fall 1980.

Address to the Indiana Chapter of the American Planning Association, "The Role of the Planner in Establishing Public Policy," Ft. Wayne, IN, Fall 1980.

Invited session organizer, "Computing in Public Affairs Education," annual meeting, National Assoc. of Schools of Public Affairs and Administration, Minneapolis, MN, October 1983.

Invited session organizer, "Modeling and Simulation in Economic Development," fifteenth annual Modeling and Simulation Conference, Pittsburgh, PA, April 1984.

Invited session organizer, "Microcomputers in Public Management Education," annual meeting of the International Association of Schools and Institutes of Public Administration, Bloomington, IN, July 1984.

Member of the National Committee on Computers in Public Management Education, National Association of Schools of Public Affairs and Administration, Winter 1984-Winter 1986.

SPEA Representative, National Association of Schools of Public Affairs and Administration, Fall 1996-Fall 1999.

Co-Chair, Joint NASPAA-ICMA Task Force on Local Government Management Education, Spring 1999.

Chair, NASPAA Committee on Local Government Management Education, Fall 1999-Fall 2001.

Member, ICMA Task Force on Graduate Education for the Profession, Fall 1999-Spring 2003.

Member of the NASPAA Committee on Local Government Education, Fall 1999-Spring 2003.

Planning Committee, 1st Annual Conference for the International Society for the Scholarship of Teaching and Learning, (conference took place in October of 2004 at IUB).

Host Committee, 1st Annual Conference for the International Society for the Scholarship of Teaching and Learning, (conference took place in October of 2004 at IUB).

Session Chair, 1st Annual Conference of the International Society for the Scholarship of Teaching and Learning, Indiana University, Bloomington, IN, October 2004.

Session Co-Chair, 33rd Annual Conference of the National Center for the Study of Collective Bargaining in Higher Education and the Professions, New York, April 2005.

Session Chair, 2nd Annual Conference of the International Society for the Scholarship of Teaching and Learning, Indiana University, Vancouver, B.C., October 2005.

GRANTS, FELLOWSHIPS, AND AWARDS

Graduate School Dissertation Research Grant, University of Wisconsin - Madison, 1976-1977.

Organized Research Fund Grant Award for Phillips Curve Urban Labor Market Analysis, University of Texas at Arlington, 1978-1979.

Grant award from the U.S. Department of Energy to attend the Faculty Institute on Socioeconomic and Environmental Impacts of Energy Production, Argonne National Laboratory, Summer 1980.

Co-investigator, U.S. Geological Survey research grant to the Environmental Systems Application Center, for the development of methods and guidebook for impact analysis of coal energy development in the Illinois coal basin, 1980-Spring 1983.

Principal Investigator and Project Director, National Science Foundation Research Grant (\$39,900) for the development of an integrated econometric economic and fiscal impact analysis model for evaluation of synthetic fuels development in the Evansville IN-KY SMSA, Summer 1981-Summer 1983.

Principal Investigator, Indiana Department of Commerce Research Grant to investigate the state-level comparative costs of manufacturing activity at the three-digit SIC level for the East North Central region of the U.S., Winter 1984-Summer 1984.

Summer Faculty Fellowship awarded for the development of a Faculty Computer Literacy Course, Indiana University, Summer 1984.

Indiana University Postdoctoral Teaching Fellowship awarded for the development of a course and additional expertise in the area of database management, and for the continuing development of teaching skills, Fall 1984-Spring 1985.

Principal Investigator and Project Director, Ameritech Research Fellowship Grant (\$16,000) awarded for an investigation of enterprise zones as economic development organizations in the Upper Great Lakes Region, Fall 1987-Spring 1990.

Principal Investigator, Research Grant, U.S. Environmental Protection Agency, (\$15,000). With the SPEA Environmental Systems Application Center, for extension of research on the development of a database and information system for Indiana Noncommunity Water Supply Monitoring, Summer 1988 - Fall 1990.

Co-Investigator (with Professor Dan Willard), National Institute of Global Environmental Change research project to investigate the effects of global warming on the Pere Marquette River Watershed. I was responsible for developing an economic modeling framework to translate environmental effects of potential global warming into effects on the local economy. Spring 1992 - Summer 1992.

Co-Investigator (with Professor Robert Agranoff), Pioneer Search Communities Community Development Evaluation Project. I have been responsible for assisting with the evaluation a Pioneer's strategic planning process, and establishing local economic development evaluation and economic development planning criteria. Spring 1992 - Fall 1993.

Principal Investigator and Project Director, research grant from the National Institute for Global Environmental Change, U.S. Department of Energy (\$140,000). Awarded for the development of an econometric/simulation model to translate global warming impacts on environment and ecology of the Pere Marquette watershed in central Michigan into regional impacts on economic activity and energy consumption. July 1992 - June 1993.

Principal Investigator and Project Director, research grant from the National Institute

- for Global Environmental Change, U.S. Department of Energy (\$139,960). Awarded for the development of an econometric/simulation model to translate global warming impacts on environment and ecology of the Milwaukee Metropolitan Area into regional impacts on economic activity and energy consumption. July 1993 - June 1994.
- Co-Principal Investigator, research grant from the State of Indiana Gaming Commission to the Center for Urban Policy and the Environment (\$600,000). Awarded for developing a methodology and applying that methodology to evaluate the economic development impacts of riverboat gambling applications on multi-county and state-wide regional economies. March 1994 - June 1995.
- Principal Investigator and Project Director, research grant from the National Institute for Global Environmental Change, U.S. Department of Energy (\$129,603). Awarded for undertaking an integrated assessment of the economic, ecologic, and energy demand impacts of global climate change on the great lakes basin. July 1994 - June 1995.
- Undergraduate Research Partnership Grant (\$1500; with Sean Gailmard) to provide support for mentoring Sean Gailmard's research on modeling the regional impacts of global climate change on energy demand, February 1994 - Spring 1996.
- Principal Investigator and Project Director, research grant from the National Institute for Global Environmental Change, U.S. Department of Energy (\$124,711 plus unfunded extension). Awarded for the second and third year of an integrated assessment of the economic, ecologic, and energy demand impacts of global climate change on the great lakes basin, and conducting a policy analysis to determine the optimal mitigation and adaptation policies. July 1995 - June 1998.
- Co-principal Investigator (\$15,000; with Richard Rubin); research grant from PricewaterhouseCoopers Endowment for the Business of Government to study collaborative management in Indianapolis city government. Summer 2000-Fall 2001.
- Co-Investigator (with Diane Henshel, Eduardo Rhodes, and Jon Gant), research grant proposal to the U.S. Environmental Protection Agency for Socio-Economic Modeling of Future Air Pollution and Health Trends in the Great Lakes Region," proposal is for \$399,995 for a three year period; submitted Summer 2000; (not funded).
- Co-principal Investigator (with David Audretsch, Kurt Zorn, and Larry Davidson), proposal submitted to the Lilly Endowment and the Indiana 21st Century Fund for Research and Technology for the creation of a New Economy Research Partnership. Proposal is for \$5 million in funding for a five year period, and is currently under consideration by the Lilly Endowment with endorsement from IU as a highest priority project for 2001. It is also being considered for partial funding by the Indiana 21st Century Fund for Research and Technology. Submitted Fall 2000; (not funded).
- Proposal to the Indiana University Teaching Learning Technologies Laboratory Media Assistant Program (\$1500) for a graduate assistant to help with research and development of an approach to teaching introductory statistics that integrates technology as an active/collaborative learning framework. Submitted Fall 2001, funded for Summer 2002.
- Proposal to the Indiana University – Bloomington Scholarship of Teaching and Learning Academy for the development of digital media for teaching undergraduate statistics. Submitted Fall 2002, funded for \$3500, but superceded by Carnegie Foundation Grant.
- Carnegie Scholar, Carnegie Foundation for the Advancement of Teaching, Carnegie Academy for the Scholarship of Teaching and Learning, competitive national award recognizing quality of teaching and potential for the development and study of new, innovative teaching/learning methods. March 2003-December 2004. \$5000 Carnegie Grant, \$5000 IU Grant for project expenses, approximately \$3500 grant for residency expenses, ½ time course release for spring of 2004. Project Title: Statistics and Liberal Education.

Lilly Foundation/Johnson Center for Entrepreneurship Fellow, competitive award to incorporate entrepreneurial thinking and action into SPEA V622 Seminar in Urban Economic Development, \$15,000, Summer – Fall 2006.

Co-Principal Investigator, research grant from the Office of the President, Indiana University (\$50,000). Awarded for developing an integrated econometric/GIS model of the Indiana economy to evaluate alternative energy policy scenarios. February 2009 – December 2011.

Principal Investigator, seed research grant from the School of Public and Environmental Affairs, Indiana University (\$20,000), for completing an initial version of the energy policy model for Indiana and then seeking external funding support. June 2010 – December 2011.

PUBLICATIONS

Journal Articles

refereed research Barry M. Rubin and Rodney A. Erickson, "Specification and Performance Improvements in Regional Econometric Forecasting Models: A Model for the Milwaukee Metropolitan Area," *Journal of Regional Science*, Vol. 20, No. 1, Feb. 1980, pp. 11-35.

refereed research Barry M. Rubin, "Econometric Models for Metropolitan Planning," *Journal of the American Planning Association*, Vol. 47, No. 4, Oct. 1981, pp. 408-420.

refereed research Barry M. Rubin and Barry D. Solomon, "Economic and Fiscal Impact Analysis of Energy Development Projects: Coal Liquefaction in the Illinois Basin," *Socio-Economic Planning Sciences*, Vol. 17, No. 1, 1983, pp. 11-20.

research Barry M. Rubin, "Small Area Econometric Modeling: Evaluation of a Pooled Time Series Cross-Sectional Approach at the County Level," *Modeling and Simulation*, Vol. 14, 1983, pp. 721-726.

research Barry M. Rubin and C. Kurt Zorn, "A Simulation Approach to Regional Transportation Cost Analysis for Manufacturing Firms," *Modeling and Simulation*, Vol. 15, 1984, pp. 1049-1053.

refereed research Barry D. Solomon and Barry M. Rubin, "Environmental Linkages in Regional Econometric Models: An Analysis of Coal Development in Western Kentucky," *Land Economics*, Vol. 61, No. 1, 1985, pp. 43-57.

refereed research Barry M. Rubin and C. Kurt Zorn, "Sensible State and Local Economic Development," *Public Administration Review*, Vol. 45, No. 2, 1985, pp. 333-339. [Reprinted in Harry Bailey and Jay Shafritz, *State and Local Government and Politics: Essential Readings*, (Itasca, IL: Peacock, 1993).

refereed research Barry M. Rubin, "Specification of Wage Determination Mechanisms in Urban Labor Markets," *Socio-Economic Planning Sciences*, Vol. 19, No. 6, 1985, pp. 387-398.

refereed research Barry M. Rubin and C. Kurt Zorn, "A Simulation Methodology for Comparing Manufacturing Industry Costs at the State Level," *Socio-Economic Planning Sciences*, Vol. 20, No. 2, 1986, pp. 103-122.

research Barry M. Rubin and C. Kurt Zorn, "Comparative Advantage in Manufacturing Location Costs: Decomposition of Shift-Share Indicators," *Modeling and Simulation*, Vol. 17, 1986, pp. 315-319.

refereed research Barry M. Rubin, "Information Systems for Public Management: Design and Implementation," *Public Administration Review*, Vol. 46, November, 1986, pp. 540-552.

- refereed teaching service Kenneth Kraemer, Barry Rubin, et. al., "Curriculum Recommendations for Public Management Education in Computing," *Public Administration Review*, Vol. 46, November, 1986, pp. 595-602.
- refereed research Margaret Wilder and Barry Rubin, "Targeted Redevelopment Through Urban Enterprise Zones," *Journal of Urban Affairs*, Vol. 10, No. 1, Winter 1988, pp. 1-17.
- refereed research Barry Rubin and Margaret Wilder, "Urban Enterprise Zones: Employment Impacts and Fiscal Incentives," *Journal of the American Planning Association*, Vol. 55, No. 4, Autumn 1989, pp. 418-431. (This article won the "Best Article of the Year Award" for this journal.)
- refereed research "A Transatlantic Comparison of Enterprise Zone Impacts: The British and American Experience," with Craig Richards, *Economic Development Quarterly*, 6:4, November 1992, pp. 431-443.
- refereed service "From Segregation to Integration: Planning for Academic Information Systems," with Don Grinstead and Gerry Bernbom, *CAUSE/Effect*, 15:1, Spring 1992, pp. 9-14.
- refereed research Barry Rubin, Clinton Oster, Kerry Krutilla, and Mark Hilton, "A Framework for Assessing the Regional Ecological, Economic and Energy Impacts of Global Climate Change," *World Resource Review*, 6:1, 1994.
- refereed research Michael McGuire, Barry Rubin, Robert Agranoff, and Craig Richards, "Building Development Capacity in Nonmetropolitan Communities," *Public Administration Review*, 54:5, September/October 1994, pp. 426-433.
- refereed research Barry Rubin, "Enterprise Zones: Cure for Urban Ills?," *Forum for Applied Research and Public Policy*, Winter 1995, 10:4, pp. 101-106. (published January, 1996).
- refereed research Margaret Wilder and Barry Rubin, "Enterprise Zones: A Review and Synthesis of Empirical Analyses," *Journal of the American Planning Association*, 62:4, Autumn 1996, pp. 473-491.
- refereed research Barry Rubin and Mark Hilton, "Identifying the Local Employment Impacts of Global Climate Change," *Economic Development Quarterly*, 10:3, August 1996, pp. 262-279.
- refereed research Barry Rubin and Richard Rubin, "A Heuristic Model of Collaboration Within Labor-Management Relations," *Journal of Collective Negotiations in the Public Sector*, 26:3, pp. 185-201, 1997.
- refereed research Barry Rubin, Sean Gailmard, Duncan Marsh, and Alan Septoff, "Assessing the State-Level Consequences of Global Warming: Socioeconomic and Energy Demand Impacts," *World Resource Review*, 9:3, 1997, pp. 379-398.
- refereed research Clinton Oster, Barry Rubin, and John Strong, "Economic Impacts of Transportation Investments: The Case of Federal Express," *The Transportation Journal*, Winter 1997 Issue. (published March 1998)
- refereed research Barry Rubin, Richard Rubin, and Anthony Rolle, "Successful Collaborative Management and Collective Bargaining in the Public Sector: An Empirical Analysis," *Public Productivity and Management Review*, 22:4, June 1999, pp. 533-552.
- refereed research Barry Rubin and Richard Rubin, "A Heuristic Model for Collaboration within Labor-Management Relations: Part II, The Indianapolis Experience," *Journal of Collective Negotiations in the Public Sector*, June 2000, pp. 139-151.
- refereed research "Creeping Legalism in Public Sector Grievance Arbitration: A National Perspective," (with R. Rubin), *Journal of Collective Negotiations in the Public Sector*, Vol. 30, No. 1 (March) 2001, pp. 1-17.

- refereed research “Municipal Service Delivery, Collective Bargaining, and Labor-Management Partnerships,” (with R. Rubin), *Journal of Collective Negotiations in the Public Sector*, Vol. 32, No. 2, (June) 2003, pp. 91-112.
- refereed research/teaching “Decoding Applied Data in Professional Schools,” (with Shanker Krishnan), *New Directions for Teaching and Learning*, Vol. 98, Summer 2004, pp. 67-73.
- refereed research “Labor-Management Relations: Conditions for Collaboration,” (with R. Rubin), *Public Personnel Management*, Vol. 35, No. 4, Winter 2006, pp. 283-298.
- refereed research “Service Contracting and Labor-Management Partnerships: Transforming the Public Sector,” (with R. Rubin), *Public Administration Quarterly*, Vol. 31, No. 2, Summer 2007, pp. 192-217.
- refereed research “Graduate Student Employees and Their Propensity to Unionize: A Heuristic Approach,” (with R. Rubin, et. al.), *Journal of Collective Negotiations*, Vol. 31, No. 2, Winter 2007, pp. 173-182.
- editor refereed research “Graduate Student Employees and Their Propensity to Unionize: Evidence from Indiana University and the University of Illinois,” with Richard Rubin, Proceedings of the 33rd Annual Conference of the National Center for the Study of Collective Bargaining in Higher Education and the Professions, Summer 2007.
- refereed research “Graduate Student Employees and Their Propensity to Unionize: Part II, The Illinois Experience,” (with R. Rubin), *Journal of Collective Negotiations*, Vol 31, No. 3, Spring 2008, pp. 241-249.

Book Chapters

- Barry M. Rubin and C. Kurt Zorn, "Sensible State and Local Economic Development," in Harry Bailey and Jay Shafritz, *State and Local Government and Politics: Essential Readings*, (Itasca, IL: Peacock, 1993); reprinted from *Public Administration Review*, Vol. 45, No. 2, 1985, pp. 333-339.
- Barry M. Rubin, "Economic Impacts of Global Climate Change in the Great Lakes Region," in Clare Ryan, Frank Quinn, and Michael Donahue, eds., *Great Lakes Climate Change: Proceedings of the Great Lakes Climate Change Workshop*, National Oceanic and Atmospheric Administration and the Cooperative Institute for Limnology and Ecosystems Research, University of Michigan, Ann Arbor, MI, 1994.
- Barry M. Rubin, "Urban Enterprise Zones in the Upper Great Lakes: A Case Study and Analysis of Indiana's Experience," in Charles F. Bonser, ed., *Dimensions of Change: Decline and Restructuring of the American Midwest*, (Bloomington, IN: Indiana University Institute for Development Strategies, 1994).
- Barry M. Rubin and Richard Rubin, "Labor-Management Partnerships: A New Approach to Collaborative Management," Chapter 8 in *Human Capital, 2002*, M. Abramson and N. Gardner (eds.), Rowman and Littlefield, Laham (MD), 2002, pp. 319-354.

Research Monographs

- Barry M. Rubin, "Regional Econometric Forecasting Models: A Test of Structural Generality, Disaggregation Effects, and Policy Analysis Potentials with Application to the Milwaukee Metropolitan Area," Working Paper No. 10-77-39, University of Wisconsin Graduate School of Business, August 1977, Madison, WI.
- Barry M. Rubin, with the assistance of Barry D. Solomon, and David Lantz, *Socioeconomic Resources Guidebook*, Vol. III of the Illinois Basin Coal Planning Project, Indiana University School of Public and Environmental Affairs, Environmental Systems Application Center and the U.S. Geological Survey, Bloomington, IN, March, 1983.
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