

VITA

DATE: March, 2007

NAME: Bruce Rocheleau

RANK: Professor

DEPARTMENT: Public Administration

EDUCATION

B.A., 1967, University of Pennsylvania, Philadelphia, Pennsylvania

M.A., 1970, New York University, New York, New York

Ph.D., 1974, University of Florida, Gainesville, Florida

AREAS OF SPECIALIZATION AND/OR RESEARCH INTERESTS

Wildlife Politics: Since my retirement in 2007, I have devoted myself entirely to studying how politics affects (and is affected by) wildlife conservation policies. I have completed a book titled *Wildlife Politics* to be published by Cambridge University Press in March of 2017.

Information Management in the Public Sector: I am pursuing empirical research concerning the use of computers and related information technologies in the public sector. My research includes the study of information management, geographic information systems, impacts of networks, and organizational problems involved in sharing information and resources.

Policy Analysis and Evaluation: My research includes the study of welfare, mental health, and aging policies. My research has included studies of the implementation and impact of programs in these areas. This research also overlaps with my interest in computers. For example, I have studied the use of computers by human service agencies.

PROFESSIONAL EXPERIENCE

Northern Illinois University, DeKalb, Illinois, Professor, 2001-present

Northern Illinois University, DeKalb, Illinois, Associate Professor, 1982-2001

Northern Illinois University, DeKalb, Illinois, Assistant Professor, 1978-1981.

Northern Illinois University, DeKalb, Illinois, Assistant Professor, 1976-78 (on leave).

Office of Planning, Evaluation, and Legislation/HEW (as IPA), Program Analyst, 1977-1978.

Office of Health Resources Opportunity/HEW (as Fellow of the National Association of School of Public Affairs), Program Analyst, 1977-1978.

Northern Illinois University, DeKalb, Illinois, Department of Political Science, Assistant Professor, 1974-1976.

University of Florida, Graduate Research Council Fellow, 1973-1974.

University of Florida, Political Science Department, Graduate Assistant, 1970-1973.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Political Science Association

American Society for Public Administration

American Evaluation Association

Illinois Government Management Information Sciences Association

Urban and Regional Information Systems Association

Social Science Computing Association

HONORS

Editorial Board, Public Productivity & Management Review (1999-Current)

Only Academic on Federal Government's Committee to Select Best Practices in Information Technology (2000)

Selected to be on American Society for Public Administration's Working Group on Technology. (1996-1998) by the President of ASPA

Elected to Executive Board of Section on Policy Analysis and Management Science of American Society for Public Administration (1995-1998) and elected to represent them at the 1998 National Program Conference Committee

In "Who's Who in Health Care?"

In "Who's Who in Midwest?"

Fellow of the American Gerontological Society (1980-1981)

Fellow of the National Association of Schools of Public Affairs (NASPAA) 1976-1977

PUBLICATIONS

Books

(2006). *Public Management Information Systems*. Hershey, PA: Idea Group Publishing. 382 pp.

(forthcoming) Editor. *Case Studies in Digital Government*. Hershey, PA: Idea Group Publishing.

Hospitals and Community-Oriented Programs for the Elderly. Ann Arbor: Health Administration Press, The University of Michigan. 1983.

Monographs

Management Information Systems and Planning for Transition from CETA to JTPA. (DeKalb: Center for Governmental Studies, May, 1983) (With Douglas Dobson and Judy Smith).

Program Evaluation for Manpower Organizations: An Annotated Bibliography. (DeKalb: Center for Governmental Studies, December, 1981).

A Manual of Practical Evaluation Techniques for Prime Sponsors. DeKalb: Center for Governmental Studies, Northern Illinois University, 1982. (with J. Robert Kettlewell and Susan McKnight).

Why Evaluate? A Critical Assessment of Evaluation Methods in the Manpower Field. DeKalb: Center for Governmental Studies, 1982.

The Technology and Impact of Evaluation (Gainesville: Public Administration Clearinghouse, 1975).

Without Tears or Bombast: A Guide to Program Evaluation (DeKalb: Center for Governmental Studies, 1975).

Articles

(2007, forthcoming) "Whither E-Government? [Review Essay]. *Public Administration Review*, May/June 2007.

"e-Government and Financial Transactions: Potential Versus Reality?." *Electronic Journal of E-Government*, Vol. 3, Number 4, (refereed), (December 2005), 219-230. Available at <http://www.ejeg.com/volume-3/vol3-iss4/v3-i4-art8.htm>

"Response to Accountability and MIS case." 2002. *Public Performance & Management Review*, 25 (4), pp. 426-428.

(with Liangfu Wu). 2002. Public vs. Private Information Systems: Do they Differ in Important Ways: A Review and Empirical Test." *American Review of Public Administration*, 32(4), 379-397 (refereed)

"E-Mail: Does It Need to be Managed? Can It Be Managed?" *Public Administration and Management: An Interactive Journal*, 7(2), http://pamij.com/7_2/v7n2_rocheleau.html (refereed)

(with Liangfu Wu). "Formal and Information End-User Training in Public and Private Sector Organizations." *Public Performance & Management Review*, V24, No. 4 (June, 2001), pp. 312-321. (refereed)

"Response to ReadyLearn: Changing the Status Quo." *Public Performance & Management Review*, Vol. 24, No. 1, 2000, pp. 79-82.

"Prescriptions for Public Sector Information Management: A Review, Analysis, and Critique." *American Review of Public Administration*, Volume 30, No.4, (2000), pp. 414-435. (refereed)

"Computers in Higher Educational Institutions in an Era of Sea Change." *Journal of Educational Technology Systems*, 28(2), 1999-2000, pp. 159-169. (refereed)

"The MPA Core Course in Information Technology: What Should be Taught? Why?" *Journal of Public Administration Education*, July 1998, Vol. 4, Number 3, pp.193-206. (refereed)

"Governmental Information System Problems and Failures: A Preliminary Review." *Public Administration and Management: An Interactive Journal*. 1997, Volume 2(3). <http://www.pamij.com/roche.html> (refereed)

"Structures, Plans and Policies: Do They Make A Difference? An Initial Assessment." *CAUSE/EFFECT*, Fall, 1996, pp. 35-39. (refereed)

(with Liangfu Wu) "Training: The Missing Ingredient in the New Information Technology." *Research in Public Administration*, Volume 4, 1998, pp. 167-176. (refereed)

"Computer Use by School-Age Children: Trends, Patterns, and Predictors," *J Educational Computing Research*, 1995, Vol. 12(1), pp. 1-17. (refereed)

"The Software Selection Process in Local Governments," *American Review of Public Administration*, Vol. 24, Number 3, September 1994, pp. 317-330. (refereed)

"Networks and Bulletin Board Systems in Government: Will They Be the Third Computer Revolution?" *International Journal of Public Administration* Vol. 17, Number 1, 1994: 83-100. (refereed)

"Evaluating Public Sector Information Systems: Satisfaction versus Impact," *Evaluation and Program Planning* Vol. 16, 1993, pp. 119-129. (refereed)

"Information Management in the Public Sector: Taming the Computer for Public Managers." *Review Essay, Public Administration Review*, 52(4); 1992; 398-400.

"Human Services and the Ethics of Computer Matching," *Computers in Human Services*, 8(2), 1991, 37-56. (refereed)

"The Organizational Context of the New Information Technology: Eight Lessons," *Public Productivity Review*, Vol. XII, (Winter, 1988), 165-178. (refereed)

"Human Services and the Myth of the Harmful Budget Deficit." *New England Journal of Human Services*, VIII, Issue 1 (1988), 18-23. (refereed)

"Linking Services to Program Goals: The Two Different Worlds of Program Evaluation." *Public Administration Quarterly*, Vol. 12 (Spring, 1988), 92-114. (refereed)

"Microcomputers and the Human Services," *Social Science Microcomputer Review*, Vol. 4 (Fall, 1986), pp. 409-417.

"Public Perception of Program Effectiveness and Worth: A Review." *Evaluation and Program Planning*, Vol. 9 (1986), pp. 31-37. (refereed)

"Microcomputers and Information Management: Some Emerging Issues," *Public Productivity Review*., Vol. IX, (Summer/Fall, 1985), pp. 260-270. (refereed)

"Hospitals and Community-Oriented Programs for the Elderly." *Home Health Services Quarterly*, Fall, 1982 (Vol.3, No.2 27-44. (refereed)

"What, Consumer Feedback Surveys Again?" A Guide to Improving the Utility of Consumer Evaluations," *Evaluation and the Health Professions*. Vol.3, No.4 (December, 1980), pp. 405-419, (with T. MacKesy). (refereed)

"Health Planners and Local Public Finance: The Case of Revenue Sharing," *Public Health Reports*, Vol.95, pp. 313-320 (July-August 1980). (refereed)

"Evaluation: Moving Toward Complexity or Perplexity?" (Review Essay) *Journal of Health and Human Resources Administration*, Vol.3, No.1 (August, 1980), pp. 114-126. (

"Utilization-Based Evaluation: A Case Study from the Health Area," *Policy Studies Journal*, Vol.8, No.7 (1980), pp. 1212-1221. (refereed)

"How Do We Measure the Impact of Intergovernmental Programs? Some Problems and Examples from the Health Area," *Journal of Health Politics, Policy and the Law*, Winter, 1980, pp. 605-618. (refereed)

"The Use of Community-Based Services in Long-Term Care by Older Minority Persons," (with D. Holmes, M. Holmes, L. Streinbach, T. Hausner), *The Gerontologist*, Vol. 19, No.4 (1979), pp. 389-397. (refereed)

"Black Physicians and Ambulatory Medical Care," *Public Health Reports*, Vol.93, May/June, 1979, pp. 278-282. (refereed)

"The End of Health and Social Policy?" *Human Resources Administration*, Section on Human Resources, Vol.3, 1977, pp. 7-10.

"Evaluation, Accountability, and Responsibility in Public Administration," *Midwest Review of Public Administration*, Vol. 9, No.4 (October 1975), pp.163-172. (refereed)

Chapters

Preface. In G. David Garson, ed., *Handbook of Research on Public Information Technology*. Hershey, PA: IGI Global (forthcoming, 2007).

(2006) "Politics, Accountability, and Information Management." Chapter in G. David Garson, ed., *Public Information Technology: Policy and Management Issues*. Hershey, PA: Idea Group Publishing, 2nd edition.

Rocheleau, Bruce. (2005). "Interorganizational and Interdepartmental Information Systems: Sharing Among Governments." In G. David Garson, ed., *Handbook of Public Information Systems*, 2nd edition, pp. 61-84. CRC Press, an imprint of Taylor and Francis Books.

"Politics, Accountability, and Government Information Systems." 2003. In G. David Garson, ed., *Public Information Technology: Policy and Management Issues*. Hershey, Pa.: Idea Group Publishing, pp. 20-52.

(With Liangfu Wu). "Formal and Informal End-User Training in Public and Private Sector Organizations." In Medhi Khosrowpour, ed., *Challenges of Information Technology Management in the 21st Century*. Hershey, PA: Idea Group Publishers: pp. 965-966.

"Guidelines for Public Sector System Acquisition." Pp. 377-390 in G. David Garson, ed. *Handbook of Public Information Systems*. New York: Marcel Dekker Inc., 2000.

"Political Dimensions of Information Systems in Public Administration." Pp. 23-40 in G. David Garson, Ed. *Information Technology and Computer Applications in Public Administration*. Hersey, PA: Idea Group Publishing. 1999.

"Interorganizational and Interdepartmental Information Sharing." Chapter in G. David Garson and Stuart S. Nagel, Eds., *Advances in Social Science and Computers*, JAI Press, Vol. 4, 1996, 183-204.

"Computers and Horizontal Information Sharing in the Public Sector." Pp. 207-229 in Harlan J. Onsrud and Gerard Rushton, Eds., *Sharing Geographic Information*(New Brunswick, New Jersey: Rutgers University Press, 1995).

(with John 'Jack' King). "Problems in Developing Rule-Based Expert Systems." In *Advances in Social Science and Computers*. Vol. I. 1989, Greenwich, Connecticut: JAI Publications. David Garson and Stuart Nagel. Eds. pp. 47-68.

"Program Evaluation and Computers." Pp. 58-72 in *Micro Computers and Graduate Instruction in Public Administration*. Carbondale: Southern Illinois University, April, 1988.

"Teaching About Computers and Management Information Systems in Public Affairs Programs." In James D. Carroll, Ed. *Education for Public Service*1985. Syracuse: Maxwell School of Citizenship and Public Affairs, Syracuse University.

"Qualitative Methods of Evaluation Research: Major Applications for Mental Health Program Evaluation," pp. 305-328 in Gerald J. Stahler and William R. Tash, eds., *Innovative Approaches to Mental Health Evaluation*. New York: Academic Press, 1982.

"How Do We Evaluate Intergovernmental Programs? Some Problems and Examples From the Health Area." In Irving Louis Horowitz, ed., *Policy Studies Review Annual*, Vol.5, Beverly Hills: Sage Publications, 1981. (Reprint of earlier article), pp. 629-642.

"Utilization-Focused Evaluation: A Case Study from the Human Services Area." with T. MacKesy. In Dennis J. Palumbo, Stephen Fawcett and Paula Wright (eds.), *Evaluating and Optimizing Public Policy*. D. C. Heath and Company, 1980, pp. 187-198.

"The Politics of Reorganization or the Reorganization of Politics," in *Short Essays in Political Science*, 1977 (Washington,DC: D.C. Area Political Science Association, pp. 51-55.

"The Organizational Context of Evaluation Research," *Policy Making in a Federal System*, Eds., Charles O. Jones and Robert Thomas (Beverly Hills: Sage Publishing Company, 1976, pp. 239-256)

"Evaluative Tools for Improving Services to the Elderly," in Beryl Radin, Ed., *Human Resources Administration* (American Society for Public Administration, Vol.I, 1975), pp. 1-25.

Papers Read at Professional Meetings

E-Payment Systems: A Review. Paper presented at the 2006 Conference of the American Society for Public Administration, Denver, Colorado, April 3.

“Ecommerce and Governments: Potential versus Reality.” This paper was published in the Proceedings of the International Conference on e-Government, Ottawa, Canada, 27-28 October 2005. (Pp. 353-362.) (Refereed).

Teaching IT: The Moving Staircase Problem.” Paper presented March 28, 2004 at the Meeting of the American Society for Public Administration,” Portland, Oregon

"Information Systems and Accountability." Paper presented at the 2002 Conference of the American Society for Public Administration, Phoenix Arizona, March 25th.

"Email: Does It Need to Be Managed? Can It Be Managed?" Paper presented at the 2001 Conference of the American Society for Public Administration, Newark, New Jersey, March 10th, 2001.

(With Liangfu Wu) "Information Management: Do Public and Private Sectors Differ in Important Ways?" Paper presented at the 2000 online Conference of the Computers in Social Science Association, April 2000.

(With Liangfu Wu) "Formal and Informal End User Training in Public and Private Sector Organizations." Paper presented at the 2000 Conference of the Information Resources Management Association, Anchorage, Alaska, May 21-24.

"Prescriptions for Public Sector Information Management: A Review, Analysis, and Critique." Paper presented at the 1999 Annual Conference of the American Society for Public Administration, Orlando, Florida, April 11th.

"The MPA Core Course in Information Technology: What should Be Taught and Why?" Paper presented at 1996 Teaching Public Administration Conference, Richmond, Virginia, March 8th.

"Information is Power and Information Management is Political: Political Aspects of Managing Computing in Governmental Organizations." Paper delivered at 1996 Meeting of the Governmental Information Management Science Association, June 18, Rolling Meadows, IL.

"The Limits of Information Technology: Lessons from Computer Disasters and Failures." Paper presented at 1995 ASPA Meeting, San Antonio, Texas, July 24th, 1995.

"University/College Information System Structures and Policies: Do They Make a Difference? An Initial Assessment." Paper Presented at the 1995 Meeting of CAUSE (Primary Organization for professionals involved in University Computing,) New Orleans, Louisiana, November 28th, 1995.

"Training: The Missing Ingredient in the New Information Technology." with Liangfu Wu, paper delivered at the 1994 meeting of the American Society for Public Administration, Kansas City, MO, July 25, 1994..

"Computing in the Garbage Can: Universities and Information Technology." Paper delivered at the 1994 Meeting of the Social Science Computing Association, College Park, MD, June 3, 1994.

"Computer Ownership: Impact on Students." Paper delivered at the 1993 meeting of the Conference on Computing for the Social Sciences, Champaign, IL, May 22nd.

"The Diffusion of Public Sector Software: A Preliminary Model." Paper presented at 1992 Meeting of the Conference on Computing for the Social Sciences, May 4-7, Ann Arbor, Michigan.

"Computers and Horizontal Information Sharing in the Public Sector." Paper delivered at Specialist Meeting of the National Center for Geographic Information and Analysis, February 27th, 1992, Sand Diego, California.

"Evaluating Information Management System: Satisfaction Versus Impact". Paper presented at 1991 meeting of the Evaluation Research Society, October 31, Chicago, IL.

"Networks and Bulletin Board Systems in Government: The Third Computer Revolution." Paper presented at the 1990 Meeting of the Southeastern Conference for Public Administration, Clearwater Beach, Florida, October 4th.

"Human Services and the Ethics of Computer Matching." Paper presented at the 1989 meeting of the American Society for Public Administration, April 11.

"Program Evaluation and Computers." Paper Delivered at the 1987 Meeting of the Region VI ASPA Conference, Springfield, IL, November 6th.

"Problems in Developing Expert and Decision Support Systems for Public Organizations." Paper presented at the 1987 Meeting of the American Society for Public Administration, Boston, Massachusetts, March 30, 1987.

"Microcomputers and Decision Support Systems." Paper delivered at the 1986 Meeting of the American Society for Public Administration, Anaheim, CA, April 18, 1986.

"Microcomputers and Management Information Systems: Emerging Issues." Paper delivered at the 1985 Meeting of the American Society for Public Administration, Indianapolis, IN, March 25, 1985.

"Linking Services to Program Goals: The Two Different Worlds of Program Evaluation." Paper delivered at Conference on Human Services Management, Bloomington, Indiana, March 23, 1985.

"Program Evaluation and the Media." paper presented at the 1983 meeting of the Evaluation Network, October 21, 1983.

"Getting More for Less: Adapting Management Information Systems to Program Evaluation." Paper presented at the 1983 meeting of the American Society for Public Administration, New York City, April 16, 1983.

"Hospitals and Community-Oriented Programs for the Elderly." Presented at the Gerontological Society Meeting, San Diego, CA, November 4, 1981.

"What, Consumer Feedback Surveys Again? A Guide to Improving the Utility of Consumer Feedback Surveys." Evaluation Network, October, 1980, Gatlinburg, TN.

"A Process Evaluation of an Integrated Human Services Department." Presented at the American Society for Public Administration Meeting, Detroit, Michigan, April 14, 1980.

"Improving the Design of Consumer Feedback Surveys." Presented at the Midwest Association of Public Opinion Research Meeting, Chicago, Illinois, November 3, 1979.

"How Do We Measure the Impact of Governmental Programs: Some Problems and Examples from the Health Area." Presented at the Evaluation Research Society Meeting, November, 1978, Washington, DC.

"Implementation at the Grassroots Level: The Case of Health Systems Agencies in Illinois." Presented at the Southern Political Science Association Meeting, Gatlinburg, TN, November 1, 1979.

"Bargaining Theory and Minimax Approach to Federal Bureaucracy," Presented at the Midwest Political Science Association Meeting, at Chicago, Illinois, April 20, 1979.

"The Politics of Reorganization or the Reorganization of Politics?" Presented at the Midwest Political Science Association Meeting, Chicago, Illinois, April 20, 1979.

"How Do We Evaluate the Impact of Intergovernmental Programs? Some Problems and Examples from the Health Area." American Society for Public Administration, Phoenix, AZ, 1978.

"Participation Rates Among Older Minority Persons in Alternative Services." American Gerontological Society, 1978. (With D. Holmes, M. Holmes, and L. Steinbach).

"Does Public Administration Make a Difference?" Presented at the American Political Science Association Meeting, Washington, DC, September, 1977.

"State-Federal Interaction in Health: A Review." Midwest Political Association, April, 1977.

"Citizen Participation and Decision Rules in the Human Services: A Review." Paper presented at the 1976 Meeting of the Southern Political Science Association, October, 1976.

"Implementing Quality Control in the Human Services or Why is Implementation Usually Unsuccessful?" Midwest Political Science Association, May, 1976.

"Thinking About Systems: An Essay on the Productive Uses of Systems Theory." American Society for Public Administration, Washington, DC, April 1976.

"The End of Health and Social Policy?" Presented at the American Society for Public Administration Meeting, April, 1976, Atlanta, Georgia.

"Public Policy, Policy Analysis, and the Aged." Association of Mental Health Administrators, Washington, DC, September, 1975.

"Evaluation Tools for Improving Services to the Elderly." Presented at the American Society for Public Administration Meeting, Chicago, April 3, 1975.

"The Organizational Context of Evaluation Research." Presented at the American Political Science Meeting, Chicago, 1974.

OTHER PROFESSIONAL INFORMATION

Contract and Grant Experience

I have received and successfully implemented 3 Faculty Development Training Awards for training in computers and information management. I have used these awards to take a wide variety of computing courses and other formal training in various programming languages and geographic information systems.

Research grant from the Division of Mental Health, State of Florida, "The Impact of Evaluation: The Case of Mental Health Centers in Florida."

Dean's Grant from Northern Illinois University to conduct comparative study of plan implementation of 9 Health System Agencies in Illinois (summer 1979)

Dean's Grant from Northern Illinois University to purchase tape of Area Resource File of Health Resources Administration and conduct time series analysis of elements related to health planning. (Fall, 1979).

Principal Investigator: I have been principal investigator on a \$200,000 grant from the Department of Commerce and Community Affairs of the State of Illinois (May 1980 to October 1981). The purpose of the grant is to develop methods for the evaluation of manpower programs. I wrote the entire proposal (there were eleven other proposals from other Universities and non-profit organizations in the competitive bidding process). I have been responsible for all major aspects of the grant.

Project Officer: "Exploratory Evaluation of Alternative to Institutionalization for the Minority Aged." This project has conducted an extensive literature review (Health

Resources Administration, HEW) and analysis of existing data sets to determine the state of knowledge concerning the use of these services by minority aged. In addition, new data are being collected based on a random sampling of home health agencies.

Project Officer: "The Impact of PHS Programs on Substate Goals and Activities." The project explores the impact which two programs, Community Mental Health Centers and Health Planning, have had on the goals and activities of local governments. The project involved analysis of localities in Michigan and South Carolina including informal discussion with over 70 persons including government officials, program personnel, consumer representatives, and interest group members. As project officer, I was responsible for document collection and analysis. (Contract: Health Resources Administration 230-88-0079).

Project Officer: "An Exploratory Evaluation of the Relationship between General Revenue Sharing and Health Resources." In addition to developing the RFC for this contract, I also designed and led an in-house research project concerning the topic which included site visits to officials in several communities in the Greater Washington, DC area.

Project Review Committee: "Evaluation of the National Health Planning Guidelines." I served as a member and chairman of the project review committee that reviewed a contract to analyze responses to the publication of the national health planning guidelines.

Basic Ordering Agreements: I served as a member of panels reviewing proposals from consulting firms to qualify as contractors under the short-term "BOA" arrangements (1977-78). During the past two years, I reviewed proposals in both the health manpower and health planning areas.

Ben Gordon Mental Health Center: I conducted an evaluation of an alcoholism program for the Ben Gordon Mental Health Center, DeKalb, IL, (1979-1980).

Teaching Experience

Information Systems and Government

Quantitative Methods in Administration

Introduction to Public Administration

Introduction to Public Policy

Seminar in Evaluation

Seminar in Policy Analysis

Introduction to American Government

Government and Welfare

Information Management and Decision Support in Public Organizations

Aging and Politics

Consulting

Illinois Management Training Institute: (1981-1983)

Jefferson County Human Services Department (Wisconsin): (1979-1985) I was a consultant to the Jefferson County Human Services Department concerning evaluation, management information systems, and case management responsibilities. I have implemented an outcome study and also designed and implemented mental health, drug, food stamps and other welfare programs as part of my consulting.

Department of Mental Health and Developmental Disabilities: (1975-1984) I have worked on evaluation and case management problems for the Developmental Disabilities of the State of Illinois. I was specifically involved in the evaluation of developmental disability programs ranging from community services to nursing homes, and more recently, the community integrated grants system.

Department of Health and Human Services (formerly HEW): I was a consultant to the Health Resources Administration in the Department of Health and Human Services (formerly HEW). I have worked on a number of projects concerning the evaluation of health manpower and health planning programs (1978-1981).

Computer and Statistical Skills

Three formal Faculty development programs in computer science and geographical information systems.

Additional workshops in Arcview 3.1, Avenue Programming, Land Use Planning and G.I.S., and Cadastral Planning and GIS.

Graduate courses in Multivariate Statistics including LISREL and Hierarchical Linear Models..

Training and course work in Fortran, Cobol, PL/1, Basic, Assembler, SPSS, SAS, BMDP, Database Management, systems analysis, PROLOG and Expert Systems, MOSAIC, HTML editors such as Front Page and other Web tools, Excel, Access, and Powerpoint, Hierarchical Linear Methods, Loglinear Methods, and others.

Editorial Boards

Editorial Board, Public Productivity and Management Review, 1998-present.

Editorial Board, New England Journal of Human Services, 1985-1995.

Other Activities

Member, Joint Chief Information Officer/Industry Advisory Council (of the U.S. Federal Government) evaluation team that selected Federal Agencies whose information systems represented "Best Practices" in the Federal government during May 1999.

Member, ASPA Technology Working Group, 1995-1998.

Member, ASPA Advisory Group Program Advisory Group. 1996-1998.

Member. Executive Board. Section on Management Science and Policy Analysis, ASPA.

"Organizer, Workshop on Geographic Information Systems." Oak Park, IL, May 15, 1991.

"Workshop on Microcomputers." DePaul University, April 28, 1989.

"Information Management and Government" Speech delivered to Chicago ASPA, February 23rd, 1989.

"Workshop on Microcomputers." Southern Illinois University at Edwardsville, September 9, 1988."

Representative, MPA Computer Curriculum Network.

Software Reviewer, Local Government Microcomputer Review.

Presided over panel on "Program Evaluation: Politics and Policy," at the symposium on Political and Community Problems in Mental Health, DeKalb, Illinois, April 22-23, 1975.

"The Budgetary Process," a speech delivered to local civic organization, Rockford, Illinois, April, 1976.

"Evaluation and Organizations," speech delivered at the Meeting of the Midwest Mental Health