

Richard T. Sylves, Ph.D.

Professor Emeritus

Political Science and International Relations

Contact Information

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Interests and area of Expertise

Emergency Management and Disaster Policy (all levels)
Delaware Medical Reserve Corps (2015-present) (non-medical worker)

Education

- Post-doctoral Fellow, University of Delaware Center for Advanced Study, 9/93-5/94.
- Post-doctoral Fellow, University of Delaware, Public Service and Political Communications Fellowship, WHYY TV-12 Public Television News, Philadelphia and Wilmington, 9/86-9/87.
- Ph.D., Political Science, University of Illinois at Urbana-Champaign 1977. Dissertation "Bureaucratic Decision Theory and Distributive Politics in the New York State Pure Waters Construction Grant Program."
- M.A., Political Science, State University of New York at Albany, Graduate School of Public Affairs, 1972.
- B.A., History cum laude, State University of New York, College at Cortland, 1970. Minors in political science and mathematics.

Relevant Experience

- External Academic Reviewer for Rowan University's proposed undergraduate major in disaster management, July 28, 2015, Glassboro, NJ. [After my review the program was approved by the Rowan faculty and administration as well as the New Jersey Department of Education.]

- Professor and Senior Research Scientist, Institute for Crisis, Disaster, and Risk Management, Dept. of Engineering Management, The George Washington University, 1776 G St., NW, Washington, DC 20052. Retired January, 2014.
- Tenured Professor (full) Political Science and International Relations, University of Delaware, Newark, DE 19711 9/1977-9/2010. Retired and appointed Emeritus Professor 23 September 2010.
- Director of the Environmental and Energy Policy Graduate Program (1998-2002) and Professor of Political Science (with tenure), University of Delaware, 1989 to present. Also, joint appointment as Professor of Marine Studies, Marine Studies College of University of Delaware. Joint appointment as Professor of Public Administration (MPA) and Senior Policy Fellow, Center for Energy and Environmental Policy with the College of Urban Affairs and Public Policy.
- National Academy of Science, Disasters Roundtable member and Steering Committee member, September 2002-August 2005.
- Aspen Global Change Institute, 1998 Workshop Participant and Presenter, "The Second Assessment of IPCC: Climate Change and Human Impacts."
- National Research Council panel "Assessing the Costs of Natural Disasters" 1997-99.
- Univ. of Delaware Center for Advanced Study Faculty Fellow, 1994-95.
- Associate Professor of Political Science, University of Delaware, 1982-89. Joint appointment Marine Policy and MPA program service.
- Associate Producer and Public Affairs Analyst, WHYY TV-12 Public Television News, Wilmington-Philadelphia, 1986-87.
- Assistant Professor of Political Science, University of Delaware, 1977-82. Joint appointment Marine Policy and MPA program service.
- Assistant Professor of Political Science, University of Cincinnati, 1975 to 1977. MPA program service and undergraduate instruction.
- Staff Researcher, New York State Senate Finance Committee, 1972. The Honorable State Senator, Warren M. Anderson, Chairman. Evaluation of NYS Pure Waters Construction Grant Program 1965-1972.

Publications: Books

The Nuclear Oracles: A Political History of the Atomic Energy Commission General Advisory Committee, 1947-1977. Ames, Iowa: Iowa State University Press, 1987.

Cities and Disaster: North American Studies in Emergency Management with William L. Waugh, Jr. Springfield, Ill.: Charles C. Thomas Publishers, 1990.

Disaster Management in the United States and Canada: Politics, Policy, Administration, Study and Instruction of Emergency Management. Springfield, IL: Charles C. Thomas Publishers, 1996.

Disaster Policy and Politics: Emergency Management and Homeland Security. Washington, D.C.: CQ Press, a division of Congressional Quarterly Inc., 2008. (paperback)

Disaster Policy and Politics: Emergency Management and Homeland Security. 2nd. Ed. Washington, D.C.: CQ Press, a division of Sage Publishing Inc., 2015. (paperback)

Published Refereed Journal Articles and Book Chapters

“Presidential Disaster Declarations.” *Encyclopedia of Public Administration and Public Policy, Third Edition*. Copyright @2015 by Taylor and Francis.

“Emergency Management: Stafford Disaster Relief and Emergency Assistance Act of 1988,” with Dr. Len Clark. *Encyclopedia of Public Administration and Public Policy, Third Edition*. Copyright @2015 by Taylor and Francis.

“Presidential Declaration of Disaster Decisions: The Case of Turndowns,” *Issues in Homeland Security: A Case Book*, James D. Ramsay and Linda Kiltz eds. (Boulder, CO: Westview Press, 2014), 35-72.

“U.S. Presidents and Their Roles in Emergency Management and Disaster Policy 1950-2009,” with Naim Kapucu, Montgomery Van Wart, and Farhod Yuldashev, *Risk, Hazards and Crisis in Public Policy*, Volume 2, Issue 3, Article 4, 2011.

“The EXXON VALDEZ and BP Deepwater Horizon Oil Spills: Reducing Risk in Socio-technical Systems,” with L.K. Comfort, *American Behavioral Scientist*, special issue, 2011.

“Declaring Catastrophes: Hurricane Katrina and the 2010 Gulf Oil Spill,” *The Public Manager*, fall 2010, Vol. 39, No. 3, 46-49.

“Civil Military Relations in Emergency Management,” *The Public Manager*, fall 2009, Vol. 38, No. 3, 75-80.

“Public Managers, Volunteer Organizations, and Disasters,” *The Public Manager*, (Winter 2008-09), Vol. 37, No. 4, 76-80.

“FEMA, Katrina, and Operations Research,” *The Public Manager*, (Spring 2008), Vol. 37, No. 1, 68-71.

“U.S. Disaster Policy and Management in an Era of Homeland Security,” Ch. 10, 142-160, *Disciplines, Disasters, and Emergency Management*,

edited by David A. McEntire. Springfield, Ill.: Charles C. Thomas Publishers, 2007.

“Presidential Disaster Declaration Decisions, 1953-2003: What Influences Odds of Approval?” with Zoltan Buzas, in *State and Local Government Review*, Vol. 39, No. 1, (2007): 3-15.

“Budgeting for Local Emergency Management and Homeland Security,” Ch. 15, 299-318, in *Emergency Management: Principles and Practice for Local Government*, 2nd ed. Kathleen Tierney and William L. Waugh, Jr. Washington, DC: International City Management Association, 2007.

Symposium Editor (solo), Special Issue, Emergency Preparedness of State and Local Governments, *State and Local Government Review*, Vol. 39, No. 1, (2007). Edited three published works, all of them after blind refereed acceptance. One was by Prof. Jason Mycoff.

“Federal Emergency Management Comes of Age: 1979 to 2001,” Ch. 5, 111-160, in *Emergency Management: The American Experience*, edited by Claire B. Rubin. Alexandria, VA: Public Entity Risk Institute, 2007. Outstanding Book of 2007 Award, Section on Environment and natural Resources, American Society of Public Administration, 9 March 2008.

“President Bush and Hurricane Katrina: A Presidential Leadership Study,” in *The Annals of Political and Social Science*, March 2006.

“Why Revolutionary Change is Needed in Emergency Management,” *Journal of Emergency Management*, Vol. 3, No. 6 November/December 2005, pgs. 15-18.

“A Précis on Political Theory and Emergency Management,” *Journal of Emergency Management*, Vol. 2, No. 3 Summer 2004, pgs 27-32.

“Reducing Future Flood Losses: The Role of Human Actions,” with P. Kershaw, Summary of a Workshop, March 2, 2004. National Research Council of the National Academies. Washington, D.C.: The National Academies Press, 2004. 1-21.

“FEMA’s Place in Policy, Law, and Management: A Hazardous Materials Perspective 1979–2003,” with William C. Cumming, in *Homeland Security Law and Policy*. Ed. by William Nicholson. Springfield, IL: Charles C. Thomas Publishers, 2004, pp. 23-55.

“FEMA’s Path to Homeland Security,” with W. Cumming, in *Journal of Homeland Security and Emergency Management*. E-Journal. Berkeley, CA: Bepress Inc., 2004.

“Department of Homeland Security: Questions for President Bush and Secretary Ridge,” in *Journal of Emergency Management*. Vol. 1, No. 1 spring, 2003: 8-10.

“U.S. International Environmental Policy,” in *Security, Economics, and Morality in American Foreign Policy*, William H. Meyer ed. Ch. 12, 289-300. Upper Saddle River, NJ: Pearson Prentice-Hall, 2004.

Hazards Watch: Reducing Disaster Losses through Improved Earth Observations. Summary of a Workshop,” with Dr. Helen Wood, National Oceanic and Atmospheric Administration. Washington, D.C.: National Research Council of the National Academies, The National Academies Press, 2003.

“Organizing the War on Terrorism,” with W.L. Waugh, *Public Administration Review*, Vol. 62 (Special Issue, September 2002):81-89. Reprinted in *Annual Editions: Homeland Security*

"An Introduction to Trends in Extreme Weather and Climate Events," with Jerry Meehl, et al., *Bulletin of the American Meteorological Society*, Vol. 81, No. 3, (March 2000) 413-416.

"Human Factors Explain the Increased Losses from Climate Extremes," with Stanley A. Changnon, Roger A. Pielke, Jr., David Changnon, and Roger Pulwarty," *Bulletin of the American Meteorological Society*, Vol. 81, No. 3 (March 2000) 437-442.

"How the EXXON VALDEZ Disaster Changed America's Oil Spill Emergency Management," *Journal of Mass Emergencies and Disasters*, March, 1998, Vol. 16, No. 1, pp. 13-43.

"U.S. Emergency Management System and Earthquake Disaster," for *Proceedings of the U.S./Japan Workshop on Emergency Information, Emergency Management, and Rapid Damage Assessment*, sponsored by the National Science Foundation, 1998.

"The Politics and Political Geography of Presidential Disaster Declarations," *Brookings Proceedings of the IISIS Conference* at University of Pittsburgh, June 5-7, 1997.

"American Terrorism Disaster Lessons," *Proceedings from the International Conference on Crisis Management at the National Level*, Ingrid Johansson and Per Skoglund (eds.), Stockholm, Sweden, March 20-22, 1996, pp. 111-115.

"California Flood Lessons," *Proceedings from the International Conference on Crisis Management at the National Level*, Ingrid Johansson and Per Skoglund (eds.), Stockholm, Sweden, March 20-22, 1996, pp. 256-260.

"Funding Options Aim to Reduce the Need for Emergency Disaster-Aid Measures," *Emergency Preparedness News*, April 17, 1995, pp. 67-8.

"Republican Tide May Bring Cutbacks in Emergency Management Programs," *Emergency Preparedness News*, November 28, 1994, p. 206.

"World Trade Center Disaster: A Normal Accident?" special issue of *Disaster Management*, Vol. 6 No. 3 [London], 1994, pp. 123-27.

"Ferment at FEMA: Reforming Emergency Management," *Public Administration Review* (May/June 1994):303-7.

"Advice on FEMA Reorganization," *Hazard*, Vol. XIII, No. 6 (June 1993):8-12. Reprinted in *PA Times*, March/April 1993.

"Twin Towers Disaster Lessons," *Wilmington News Journal*, March 3, 1993.

"Emergency Response: How Emergency Management Officials Address Disasters in the Delaware Estuary," In *Delaware Estuary Situation Reports* (September 1992), sponsored by NOAA Office of Sea Grant, Department of Commerce, under grant No. NA86AA-D-SGO40.

"Adopting Integrated Emergency Management in the U.S.A.: Political and Organizational Challenges," In the *International Journal of Mass Emergencies and Disasters*, Vol. 9, No. 3 (November 1991):413-425.

"Earthquake Disaster Policy: Rescue, Re-engineer, Rebuild, and Reinsurance." In *Handbook of Emergency Management Policies and Programs*, Edited by William L. Waugh, Jr. and Ronald J. Hy. (Westport, Conn.: The Greenwood Press, 1991).

"Political Climate Is Turning Green." In *The World & I Magazine*, Vol. 5, No. 10 (October 1990):46-51.

with T. Pavlak. "The Big Apple and Disaster Aversion: How New York City Handles Major Emergencies," pp. 185-220 and with J. Scanlon, "Conflict and Coordination in Responding to Aviation Disaster: The San Diego and Gander Experiences Compared," pp. 109-129. In *Cities and Disaster: North American Studies in Emergency Management*. Edited by

Richard T. Sylves and William L. Waugh, Jr. Springfield, IL: Charles Thomas Publishing Co., 1990.

Guest editor with J. LaPlante, *International Journal of Mass Emergencies and Disaster*, Vol. 7, No. 2 (August 1989).

"Federal Preparedness for Hazardous Substance Accidents." In *Managing Disaster*, pp. 147-59. Edited by Louise Comfort. Durham, N.C.: Duke University Press, 1988.

"Political, Social, and Economic Factors to be Addressed in Developing a Program to Abate Seismic Hazards to Electric Power Lifelines." In *Abatement of Seismic Hazards to Lifelines, Vol. 6, Earthquake Hazard Reduction Series 31*. Washington, D.C.: Building Seismic Safety Council for the U.S. Federal Emergency Management Agency, 1987.

"Advice to Administrators on Television Interviews." In *Public Administration Times*, Vol. 10, No. 16 (21 August 1987) and continued in a three part series over two subsequent issues.

"A Political History of Project Plowshare: Peaceful Use of Nuclear Explosives," pp. 135-60. In *The Politics of Energy Research and Development, Energy Policy Studies Series, No. 3*. Edited by John Byrne and Daniel Rich. New Brunswick, N.J.: Transaction Books, 1985).

"Nuclear Power Plants and Emergency Planning: An Intergovernmental Nightmare." *Public Administration Review*, Vol. 44, No. 5 (September/October 1984):393-401. Reprinted in *Public Administration: Politics and the People*, pp. 110-20. Edited by Dean Yarwood. New York: Longman Press, 1986.

with T.B. Priest and D.F. Scudder. "Large Corporations and Federal Advisory Committees." *Social Science Quarterly*, Vol. 65, No. 1 (March 1984):100-111.

"Nuclear Power Emergency Response Planning: A Program in Disarray." *The Journal of Mass Emergencies*, Vol. 2, No. 1 (March 1984):185-196.

"National Politics and the Solar Energy Transition." in *The Solar Energy Transition: Implementation and Policy Implications*, pp. 49-75. Edited by Daniel Rich, et al. Washington, D.C.: American Academy for the Advancement of Science/Westview Press, 1983.

"Congress, EPA, the States, and the Fight to Decentralize Water Pollution Grant Policy," pp. 109-25. In *Environmental Policy Implementation*. Vol. 2. Edited by Dean E. Mann. Lexington, Mass.: Lexington Books, 1982.

with J. B. Johnson. "Public Participation in Power Plant Siting Decisions: The Case of the Mid-Atlantic Region." In *Energy Policy and Public Administration*. Edited by Gregory A. Daneke and George K. Legassa. Lexington, Mass.: Lexington Books, 1982.

"Objective Need Versus Political Interference: The Administration of the New York State Pure Waters Program," pp. 117-36. In *Political Benefits: Empirical Studies of American Public Programs*. Edited by Barry S. Rundquist. Lexington, Mass.: D.C. Heath and Company, 1980.

"Carter's Nuclear Licensing Reform vs. Three Mile Island." *Publius: The Journal of Federalism*, Vol. 10, No. 1 (Winter 1980):69-79.

"Energy Demand Management: The Next Phase?" *Public Administration Review*, Vol. 39, No. 4 (July/August 1979):395-399.

with P. Kerkhoven. "Nuclear Licensing Non-Reform: TMI and Federal State Relations." In *Proceedings of the First National Energy Policy Conference*. Morgantown, W.V.: West Virginia University, 1-3 May 1980.

"Political Ramifications of Rapid Solar Energy Development." In *Abstracts of Papers of the 146th National Meeting*. Edited by Arthur Herschman. Washington, D.C.: American Association for the Advancement of Science, 1980.

"National Energy Policy and Social Equity (1977-78)." In *Short Essays in Political Science from the 1979 Spring Conference of the National Capital Area Political Science Association*, Vol. VII. Washington, D.C.: NCPSA, 1979.

"Federal Solar Energy R & D: The Political Incentives of Congress and the President." In *Proceedings, HELIOS: From Myth to Solar Energy*. Albany, N.Y.: Institute for Humanistic Studies, SUNY at Albany, 1978.

Book Reviews

Review of *Killing with Kindness: Haiti, International Aid, and NGOs*, by Mark Schuller. New Brunswick, NJ: Rutgers University Press, 2012 for *Social Service Review*, University of Chicago Press, Vol. 87, No. 3, September 2013, 632-635.

Review of *Disaster and the Politics of Intervention*, Andrew Lakoff, Ed. New York: Columbia University Press, 2010 in *Public Works and Policy Review*, Vol. 16, No. 3, July, 2011, 289-93.

Review of *Cities in a Time of Terrorism*, by H.V. Savitch, Armonk, NY: M.E. Sharpe, 2008 for *Public Administration Review*, Vol. 71, No. 4, July/Aug., 2011, 668-9.

Review of *The Next Catastrophe* by Charles Perrow, Princeton, NJ: Princeton University Press, 2007 for *Review of Policy Research*.

Review of *Lessons of Disaster: Policy Change after Catastrophic Events*, by Thomas A. Birkland, Washington D.C.: Georgetown University Press, 2007 in *Public Administration Review*, (spring 2008).

Review of *System under Stress: Homeland Security and American Politics*, by Donald F. Kettl. *Journal of Homeland Security and Emergency Management*. E-Journal. Berkeley, CA: BePress Inc., 2004.

Review of *Russian Emergency Management*, by Boris Porfiriev. *Journal of Contingencies and Crisis Management*, spring 2000.

Review of *Natural Hazard Policy Setting: Identifying Supporters and Opponents of Nonstructural Hazard Mitigation*, by Elliot Mittler. *International Journal Of Mass Emergencies and Disasters*, Spring 1994.

Review of *Nuclear Crisis Management: A Dangerous Illusion*, by Richard Ned Lebow. *Journal of Politics*, Vol. 50, No. 4 (Nov. 1988):1122-1123.

Review of *The Politics of Industrial Change: Railway Policy in North America*, by A. Kent Weaver. *American Political Science Review* Vol. 80, No. 4 (Dec. 1986):1422-24.

Review of *Nuclear Power: Assessing and Managing Hazardous Technology*, edited by M.J. Pasqualetti and K.D. Pijawka. *Emergency Management Dispatch*, Vol. 2, No. 2 (Oct. 1985):1-2.

Review of *Global Fission: The Battle over Nuclear Power*, by Jim Falk. *American Political Science Review*, Vol. 77, No. 3 (Sept. 1983):806-7.

Review of *Nuclear Regulatory Safety: On the History of the Regulatory Process*, by David Okrent. *American Political Science Review*, Vol. 76, No. 2 (June 1982):420.

Edited Periodical Publication

Creator and editor of EMERGENCY MANAGEMENT DISPATCH. A quarterly newsletter directed to professors of public administration, public

affairs, and public policy, as well as professional emergency managers and officials, engaged or interested in scholarly research of emergency management, disaster policies and programs, and related issues. Continuous publication under Sylves editorship, 1984-2000.

The newsletter had 230 paid subscribers at its peak in the mid-1990s representing 48 states and six foreign countries. The newsletter was the official publication arm of the American Society for Public Administration's Section on Emergency and Crisis Management. It continues today.

Conference Papers, Participation and Public Speeches

[Conference paper list below needs updating for period 2009-2015.]

“The Globalization of Disasters and What This Means for Public Administration,” Minnowbrook3 Conference, Syracuse University, Maxwell School, Lake Placid, NY, September 5-7, 2008.

“The 2008 Presidential Candidates and Their Positions on Emergency Management,” Panel Moderator, Hazards Workshop, Hazards Center of University of Colorado at Boulder, Broomfield, CO, July 12-15, 2008.

“The 2008 Presidential Candidates and Their Positions on Emergency Management and Homeland Security,” Higher Education Conference, National Emergency Training Center, U.S. Department of Homeland Security/Federal Emergency Management Agency, Emmitsburg, MD, June 3-5, 2008.

“FEMA’s Management and Funding of Hurricane Katrina Recovery: An Operations Research Perspective,” delivered for the 70th National Conference of the American Society for Public Administration,” March 7-11, 2008, Dallas, TX.

Department of Homeland Security, FEMA Higher Education Workshop, “Researching Presidential Disaster Declarations: My PERI Site,” DHS/FEMA NETC-EMI, Emmitsburg, MD: June 7, 2007.

National Academy of Public Administration, Annual Society Equity Conference, “Social Equity Issues of Hurricane Katrina.” Richmond, Virginia: Virginia Commonwealth University. February 16, 2007.

“Public Management in Catastrophic Disasters,” for the Panel “Collaborative Leadership in Dynamic Environments of Disasters and Crisis,” Chaired by Professor William L. Waugh, Jr. At the American Society for Public Administration, Annual Conference of March, 2007, Washington, D.C.

Department of Homeland Security, FEMA Higher Education Workshop, “Clash of Cultures in Homeland Security,” DHS/FEMA NETC-EMI, Emmitsburg, MD: June 7, 2006.

Panel Paper Presentation, 2006 American Society for Public Administration, “The New Role of the Presidency in National Disaster Management,” Denver, Colorado—April 1-4, 2006.

Public Speech, John Carroll University, 2006 Annual Woelfl Seminar in Public Policy, “President Bush and Hurricane Katrina: A Presidential Leadership Study, Cleveland, OH, March 29, 2006. Est. 324 attended.

Public Speech, Taft Foundation Speaker, “Presidential Management of Catastrophic Disasters,” University of Cincinnati, Cincinnati, OH, January 5, 2005.

Roundtable discussion participant and panel presenter, National Academy of Science, Natural Disaster Roundtable, “The Future of Flood Disasters.” I also participated in the symposium, I wrote up a transcription of the event, and I was invited to provide an editorial critique of the report published from the symposium. March, 2004.

University of Colorado Hazards Center workshop, Boulder, July 8-15, 2004. Chaired and moderated a panel regarding Revision of the National Response Plan.

Roundtable discussion participant and panel moderator, National Academy of Science, Natural Disaster Roundtable. “The National Earthquake Hazard Reduction Program.” I also participated in the symposium, I wrote up a transcription of the event, and I was invited to provide an editorial critique of the report published from the symposium. February 2003.

Roundtable discussion participant and panel moderator, National Academy of Science, Natural Disaster Roundtable. “The Emergency Manager of the Future.” I also participated in the symposium, I wrote up a transcription of the event, and I was invited to provide an editorial critique of the report published from the symposium. June 2003.

Roundtable discussion participant and panel moderator, National Academy of Science, Natural Disaster Roundtable. Earth Watch: Earth Observation Systems. I also participated in the symposium, wrote up a transcription of the event, and I was invited to provide an editorial critique of the report published from the symposium. October 2003.

Workshop presenter, American Political Science Association, Philadelphia, PA, “Disaster Policy and Politics: Strategies for Research and Teaching,” August 27, 2003.

National Academy of Science, Disasters Roundtable Forum, Panel Chair, “Alerting America: Counter Terrorism in the U.S.,” March 2002.

Discussant, "Current Issues in Environmental Management," American Political Science Association annual conference, Washington, D.C., August 31, 2000.

Remarks, PPP2000 Forum, Natural Disaster Reduction: Challenges for the Next Century, World Bank Headquarters, January 27, 1999.

"Examining the Economics and Costs of Natural Disasters," Hazards Workshop of the University of Colorado Natural Hazards Research Center, Boulder, CO, July 12-15, 1998.

"Presidential Disaster Declarations and the Human Impact of Disasters," at the Aspen Global Change Institute, Aspen, Co., August 7, 1998.

"The Political Geography of Presidential Declarations of Disaster," at the American Society for Public Administration annual conference, Philadelphia, Pa., July 28, 1997.

"The Politics and Economics of U.S. Emergency Management," Hazards Workshop of the University of Colorado Natural Hazards Research Center, Denver, Colorado, July 15, 1997.

"The Politics of Disaster Mitigation: A Local Perspective," at the IISIS Conference, University of Pittsburgh, Pittsburgh, Pa., June 5-7, 1997.

"Re-Designing and Administering Federal Emergency Management," with W. Waugh, at the Trinity Symposium on Research in Public Management, Trinity University, San Antonio, Texas, July 23, 1995.

"The Continuing Search for More Effective Organizational Designs: Inventing and Reinventing Emergency Management," with W. Waugh, at the Southern Political Science Association annual meeting, Atlanta, November 4, 1994.

"Reforming FEMA: Renewed or Re-packaged?," at the National Emergency Management Association annual meeting, Baltimore, September 13, 1994.

"Renewing FEMA: Re-Making Emergency Management," at the American Society for Public Administration annual conference, Kansas City, July 25, 1994.

"How the EXXON VALDEZ Accident Changed America's Oil Spill Emergency Preparedness," at the American Society for Public Administration annual conference, San Francisco, July 17, 1993.

"Emergency Preparedness and Response on the Delaware: The Case of the President Rivera Oil Spill," 17th Annual Hazards Research and Applications Workshop, Boulder, Colorado, 12-15 July 1992.

"Academicians and Weaponers: The U.S. Defense Science Board," American Political Science Association convention, Washington, D.C., 30 August 1991.

"Adopting Integrated Emergency Management in the U.S.A.: Political and Organizational Challenges," XIIth World Congress of Sociology, Research Committee on Disasters, Madrid, Spain, 9-13 July 1990.

Discussant, "Budgeting and Public Policy," Northeastern Political Science Association meetings, Philadelphia, Pa., 9-11 November 1989.

"Conflict and Coordination in Responding to Aviation Disaster: The San Diego and Gander Experiences Compared," International Association of Conflict Management, Athens, Ga., 6-10 June 1989.

"Academicians and Weaponers: Technical Knowledge Acquisition Through the U.S. Defense Science Board," TECH 88 Conference, Institute for Advanced Studies in the Humanities, University of Edinburgh (United Kingdom), 18-21 August 1988.

"The Big Apple and Disaster Planning: How New York City Manages Major Emergencies," American Society for Public Administration national conference, Miami, Fla., 27 March-1 April 1988.

"U.S. Defense Policy Making and the Pentagon's Defense Science Board," with T.B. Priest, Southern Political Science Association meetings, Atlanta, Georgia, 7-9 November 1986.

"Political, Social, and Economic Factors to be Addressed in Developing a Program to Abate Seismic Hazards to Electric Power Lifelines," Building Seismic Safety Council (BSSC), Workshop on Development of an Action Plan, Denver, Colorado, 5-7 November 1986. (All expenses paid by BSSC).

"Federal Preparedness for Hazardous and Toxic Waste Disaster," Association for Public Policy Analysis and Management, Washington, D.C., 7-9 October 1985.

"U.S. Nuclear Exotica: Peaceful Use of Nuclear Explosives," Midwest Political Science Association, Chicago, 18-20 April 1985.

"The Subnational Politics of U.S. Nuclear Power Emergency Response Planning," American Political Science Association convention, Washington, D.C., 30 August-2 September, 1984.

"Project Gabriel: U.S. Secret Science Advice and Radioactive Fallout, 1950-1963," Midwest Political Science Association, Chicago, 11-14 April 1984.

"Nuclear Advice: Corporate Representation on the General Advisory Committee of the Atomic Energy Commission (1946-1977)," with T.B Priest, American Society for Public Administration annual conference, New York, 16-19 April 1983.

"Nuclear Power and the States: A Typology of State Regulatory Instruments and How They Have Been Used," American Political Science Association annual conference, Denver, Colorado, 2-5 September 1982.

Discussant, "Federalism and Change," Northeastern Political Science Association meetings, New Haven, Conn., 22 November 1980.

"Political Ramifications of Rapid Solar Energy Development," American Association for the Advancement of Science, San Francisco, Calif., 3-8 January 1980.

Panel Chair, "Urban Development Policy," Northeastern Political Science Association meetings, Newark, N.J., 8-10 November 1979.

"National Energy Policy and Social Equity," National Capital Area Political Science Association conference, Washington, D.C., 5 May 1979.

"The Diffusion of Energy Resource Recovery Innovations among American Cities," and panel chair of "State Initiatives in U.S. Energy Policy," Midwest Political Science Association, Chicago, Il, 19-21 April 1979.

"Public Participation in Energy Facility Siting Decisions: The Case of the Mid-Atlantic Region," with J. Johnson, American Society for Public Administration, Baltimore, Md., 25 March 1979.

"The Diffusion of Solid Waste Energy-Conservation Innovations among American Cities," Southwestern Social Science Association, Hyatt Regency, Houston, Texas, 12-15 April 1978.

"Current State of Energy Management in the Department of Energy," Western Social Science Association, Denver, Colorado, 27-29 April 1978.

"Objective Need Vs. Political Interference: The Administration of the New York State Pure Waters Program," Western Social Science Association convention, Denver, Colorado, 21-23 April 1977.

"Industrial Air Pollution Enforcement in New York State: Reality of Illusion?" American Society for Public Administration, Atlanta, Georgia, 5-8 April 1977.

"Bureaucratic Decision Theory and Distributive Politics in Municipal Water Pollution Control," Southern Political Science Association 48th meeting, Hyatt Regency, Atlanta, Georgia, 4-6 November 1976.

Instruction

Overview of Teaching

Recognition of Excellence

Nominated for Excellence in Teaching Award, 1990, 1991, 2001. Won outstanding teaching recognition at University of Cincinnati through a Taylor Award, 1976. Won two UD Improvement of Instruction Grants, one in 1980 to develop four computer-based political science instructional programs and another in 1987 to develop a new course entitled "Politics and Disaster." Rated at or above criterion in teaching by my department chairperson each year. Won the B. Wayne Blanchard Award for Excellence in Emergency Management Higher Education Research at the FEMA Higher Education Conference in June 2014.

Student Advisement

Standard undergraduate advisement load per semester, 50 students. Graduate advisement, 3-5 Master's in Environmental & Energy Policy and 2-4 Environmental and Energy Policy doctoral candidates.

Graduate Thesis Supervision

Average thesis supervision each year as doctoral thesis adviser to 3-4 students, doctoral thesis defense committee service for 7-8 students a year.

Average MA Analytical Paper defense committee or thesis committee averages 11 students per year, chiefly through the Environmental and Energy Policy MA and PhD program and through Political Science, Marine Policy, and Sociology master's & doctoral dissertation defense committees.

Reader for doctoral dissertation defenses at The George Washington University from 2010-2014. Reader for one dissertation and two Master's defenses at University of Delaware, School of Urban Affairs and Public Policy 2010-2014.

Courses Taught

Graduate Courses

- INTRODUCTION TO CRISIS AND EMERGENCY MANAGEMENT, EMSE 6305, fall 2010 – 2014 inclusive. (at George Washington University)
- ENVIRONMENTAL HAZARD MANAGEMENT, EMSE 6204, spring 2010-2014 inclusive. (at George Washington University)

- ENVIRONMENTAL POLICY AND ADMINISTRATION SEMINAR, POSC 818: Spring 1978 to Spring 1985 inclusive, Fall 1987, Spring 1988 to 1999, 2001, 2002, 2004, 2005, 2006, 2008, 2009, and 2010.
- INTERNATIONAL PERSPECTIVES ON ENERGY AND ENVIRONMENT, UAPP/POSC 867: Spring 1998-99.
- PUBLIC POLICY ANALYSIS, POSC 838: Once every third year, latest 1993.
- SEMINAR IN PUBLIC ADMINISTRATION, POSC 803: Fall 1982, summer 1983, Fall 1983, 1986, 1989, 1993, 1996.
- ENERGY POLICY AND ADMINISTRATION, POSC 624: Spring 1990, 1993, 1996, and fall 1997, 1998 and 1999.
- DISASTER AND POLITICS, POSC 656: Spring 1996, 1997, 2000, 2001, 2003, 2004 and fall 2004, 2005, 2006, 2007, 2008, 2009, 2010.
- EMERGENCY MANAGEMENT IN THE UNITED KINGDOM, Wroxton College, England, summer 1990.

Undergraduate Courses

- BUREAUCRACY, POLITICS, AND POLICY, POSC 401: Fall 1977 to 1982 inclusive and as renumbered POSC 220, fall 1983, fall 1984.
- PUBLIC ADMINISTRATION, POSC 303: Fall 1982-87 inclusive and fall 1997, spring 2005, 2006, fall 2007, spring 2009.
- INTRODUCTION TO PUBLIC POLICY, POSC 220: Fall 1985, Summer 1986, Summer 1987, Fall 1987 to Fall 1993 inclusive, Fall 2004.
- ORGANIZATION THEORY AND BEHAVIOR POSC 454, fall 2007, spring 2009.
- PUBLIC BUDGETING AND FINANCIAL MANAGEMENT, POSC 455: Fall 1977 to Fall 1982 inclusive, winter 1984-88 inclusive, Fall, 1984, 1988-97, Spring 2000-2007.
- ENERGY POLICY AND ADMINISTRATION, POSC 454: Spring 1978 to spring 1983 inclusive, spring 1990 to spring 1992 (Honors), spring 1994 (Honors). Fall 1996, 1997, 1998, 1999.
- POLITICS AND THE ENVIRONMENT, POSC 350: Winter 1983, spring 1990, winter 1991, winter 1992, spring 1997, 1998. 2000, 2002, 2003, and fall 2004, 2008.
- POLITICS AND TELEVISION NEWS, POSC 267: UD Summer College, Summer 1987
- POLITICS AND THE MEDIA, POSC 340: Fall 1988
- SENIOR HONORS SEMINAR: U.S. SCIENCE AND TECHNOLOGY POLICY, POSC 467: Spring 1986
- SENIOR HONORS SEMINAR: U.S. DEFENSE POLICYMAKING, POSC 467, and spring 1988, 1989, and 1990.
- DISASTER AND POLITICS, POSC 456/656: Winter 1988-90 inclusive, spring 1991, 1992, 1993, and 1996. Every fall from 1997 through 2007. In retirement, UAPP/POSC 656, spring 2011.
- SEMINAR IN COMMUNITY SERVICE, POSC 467: Winter 1994.

National Conference Participation and Other Professional Service

Offices Held

- Chair of the William J. Petak Award (best conference paper on emergency management) committee for the Section on Emergency and Crisis Management, 2003-present).
- American Society for Public Administration, Section on Emergency and Crisis Management, board member, 2003-2007.
- Appointed to National Academy of Science, Natural Disasters Roundtable Steering Committee, 3 year term 9/02-9/05.
- Steering Committee Meeting and Recorder Work, Feb 19, 2003. National Academy of Science, Natural Disasters Roundtable, Washington, D.C.
- National Earthquake Hazards Reduction Program workshop. Recorder Work, Feb 20, 2003. National Academy of Science, Natural Disasters Roundtable, Washington, D.C.
- Steering Committee Meeting and Recorder Work, June 12, 2003. National Academy of Science, Natural Disasters Roundtable, Washington, D.C.
- The Future Emergency Manager Workshop participation and Recorder Work, June 13, 2003. National Academy of Science, Natural Disasters Roundtable, Washington, D.C.
- Steering Committee Meeting and Recorder Work, Oct. 21, 2003. National Academy of Science, Natural Disasters Roundtable, Washington, D.C.
- The Earth Observation System workshop and Recorder Work, Oct. 22, 2003. National Academy of Science, Natural Disasters Roundtable, Washington, D.C. My report becomes co-authored summary of the workshop published by National Academy of Science.
- Invited speaker and group facilitator for Workshop on Emergency Management in the Homeland Security Environment. Sponsored by George Washington University and the National Science Foundation, Nov. 19-20, 2003.
- Editorial Board *Journal of Emergency Management*
- Editorial Board member for *State & Local Government Review* Editorial Board member for *Journal of Homeland Security and Emergency Management*

- Editorial Board member for *Policy Studies Review* and *Review of Policy Research*.
- American Political Science Association annual convention, speaker at pre-conference half-day (1-5) workshop on “Disaster Policy and Politics: Strategies for Research and Teaching,” Prof. George Busenberg, chair, September 2, 2002.
- Current Treasurer, 1987-present, and former elected Chair 1988-89 of the Section on Emergency Management, American Society for Public Administration, April 1988-89. Appointed Treasurer 1987-88 and 1989-present.
- Program Organizing Committee for the American Society for Public Administration's 1998 conference in Seattle, WA.
- Program Organizing Committee for the American Society for Public Administration's 1992 conference in Chicago, Ill., 1990-91.
- Newsletter Editor/Publisher, *Emergency Management Dispatch*, a quarterly publication created by Sylves in June 1984 and in continuous publication. In July 1986 *Dispatch* became the official newsletter of the Section on Emergency Management created within ASPA at that time. Program Organizing Committee for the American Society for Public Administration's 1988 conference in Portland, Oregon, 1987-88.
- Chair-elect, Section on Emergency Management, American Society for Public Administration, April 1987-88 and Chair 1988-89.
- Co-Founder and Organizer with Prof William Petak, American Society for Public Administration Section on Emergency Management, Washington, D.C., 18 July 1986.
- Finance Committee, American Society for Public Administration, April 1985-87.
- Organizing Member, Science and Technology Policy Committee, American Political Science Association, 1985 to present.

Panels Chaired and Public Speeches

In Oct. 2015, Research Day invited speaker, “Project Plowshare: “Peaceful” Nuclear Explosions Conducted by the United States.” Wilkes University, Wilkes-Barre, PA.

On 22 Sept. 2015, Creative Learning, Global Education Initiatives, Local Government in the Age of Globalization, for 30 Philippine Municipal Officials, “Emergency Management Session.” Rockville, MD.

In June 2015, Pew Charitable Trust invited speaker, “Health Impact Analysis and President Declared Disaster. Washington, DC.

In 2007, ASPA Social Equity Conference invited speaker, University of Richmond, Va.

In 2006, Woeft Seminar Speaker, John Carroll University, “President Bush and Hurricane Katrina: a Leadership Study,” (\$3500) 300 in attendance.

Invited Guest of Honor and Speaker, Research Day, State University of New York at Cortland, April 2006. Topic, "Presidential Disaster Declarations and Terrorism."

In July 2005, I participated in the Natural Hazards Workshop held on the campus of University of Colorado, Boulder. There I moderated a panel entitled, "Revision of the National Response Plan." My duties involved summarizing the panel in written form for the proceedings publication of the workshop.

In July 2001, I attended the Natural Hazards Workshop held on the campus of University of Colorado, Boulder. There I served as "recorder" for a panel entitled, "An Update on the Congressional Natural Hazards Caucus." My duties involved summarizing the panel in written form for the proceedings publication of the workshop.

On December 2, 2001, I was one of 10 people invited to NAS to help plan a Counter-terrorism Forum on lessons learned from natural disaster research. The planning meeting took place in DC, December 18, 2001 (self-funded travel). My write up of the meeting is in the research packet submitted with this letter. The Counter-terrorism Forum itself took place February 28 and March 1, 2002 at NAS headquarters in Washington. Many Bush administration officials attended, including several from the Homeland Security Office. I moderated two panels on March 1 regarding capacity building at the state and local level. I gave a 20-minute presentation on the subject as well.

In early June 2001, the National Academy of Science (one of three professional groups directing the work of the National Research Council) invited me to make a presentation on the Bush/Cheney Energy Report and its linkage to natural disasters. I successfully delivered that speech at their symposium on June 14. Since then, I have supplied them a full extract of my speech and they have asked me to review the book manuscript they are preparing on the subject.

I served as a peer reviewer for the National Science Foundation. We met at NSF headquarters in Arlington, VA. The review was done for the Information Technology division's "E-Government" program office. Roundtable discussion participant and panel moderator, National Academy of Science, Natural Disaster Roundtable, "The National Earthquake Hazard Reduction Program." I also participated in the symposium, I wrote up a transcription of the event, and I was invited to provide an editorial critique of the report published from the symposium. February 2003.

Presentation, "Presidential Disaster Declarations and Human Impacts of Disaster," Workshop on Second Assessment of the IPCC and Human Impacts," Aspen Global Change Institute, Aug. 6-14, 1998.

Panel Chaired, "The Economics and Budgeting of Disaster," Natural Hazards Workshop, Hazards Research Center, University of Colorado, July 12, 1998.

Panel Chaired, "Disaster Mitigation for the 21st Century," American Society for Public Administration national conference, Seattle, WA, May 9-13, 1998.

Paper, "A Theory of Presidential Disaster Declaration Politics and Administration," Natural Hazards Workshop and Symposium, Natural Hazards Research and Applications Center, University of Colorado, July 8, 1996.

Featured Interview for Bill Kurtis Productions, Arts & Entertainment Network, "Investigative Reports - Disasters: America's Stormy Dilemma," broadcast within 1-hour program aired nationally September 29 and 30, 1995. [Phil O'Connor Producer].

Chair, "Federal, State, and Local Emergency Management Reforms," National Conference, American Society for Public Administration, San Antonio, Texas, July 25, 1995.

Sponsored Guest Speaker, "FEMA Region X State Director's Meeting," Anchorage, Alaska, July 6-7, 1995.

Invited Participant and Commentator, "U.S. Natural Hazards Symposium, National Press Club, Washington, D.C., March 15, 1995.

Keynote Speaker, Annual Meeting of the National Emergency Management Association, Baltimore, Maryland, October 3, 1994.

Panel Chair, "Intergovernmental Partnerships and Area Planning for Disaster," American Society for Public Administration, Kansas City, Missouri, July 25, 1994.

Speech before Marine Policy Seminar, "Disaster Studies and Their Relevance in the Study of Marine Policy," for University of Delaware Marine Studies College, September 20, 1994.

Testimony, "FEMA Reform," Hearing of the U.S. Senate Governmental Affairs Committee," [Now in print by GPOI Dirksen Senate Office Bldg., 18 May 1993.

On-air News Interview, "Twin Towers Disaster and NYC Emergency Management," WHYY TV-12 Public Television News, 5:30 p.m., 3 March 1993.

Chair, "Management of Water-Related Emergencies in the Mid-Atlantic Region," Region IV Conference of the American Society for Public Administration, Harrisburg, Penn., 5-7 October 1988.

Chair, "Cities and Disaster Preparedness," American Society for Public Administration national conference, 27 March-1 April 1988.

Keynote Speaker, New York State Emergency Management Office Planning Conference, Rensselaer Institute Training Center, Rensselaerville, N.Y., 22-26 September 1986. (Contact person, Richard Hershkovitz).

Speech, spring 1986 Environmental Engineering Seminar Series presentation, "Federal Preparedness for Hazardous and Toxic Waste Disaster," 25 April 1986.

Chair, "The Politics and Policy of Presidential Disaster Declarations," American Society for Public Administration annual conference, Anaheim, Calif., 13-16 April 1986.

Speech, Univ. of Delaware Science, Society, and Sandwiches speaker on, "H-Bomb development and the issue of morality and ethics in government advisement by scientists," approximately 150 people attended, 25 September 1984.

Speech, Science and Culture Seminar presentation "Three Mile Island: Political Protest and Regulatory Proximity," 4 May 1983.

Chair, "Urban Development Policy," Northeastern Political Science Association annual conference, Gateway Hilton, Newark, N.J., 8-10 November 1979.

Discussant, "Federalism and Change," Northeastern Political Science Association annual conference, Gateway Hilton, Newark, N.J., 8-10 November 1979.

Chair, "State-Local Initiatives in U.S. Energy Policy," Midwest Political Science Association, Chicago, IL, 19-21 April 1979.

Chair, "Theories of Political-Administrative Linkage," Western Social Science Association convention, Denver, Colorado, 21-23 April 1977.

Chair, "Theories of Environmental Policy-Making: A Conflict of Perspectives and Cases," Southern Political Science Association 48th meeting, Hyatt Regency, Atlanta, Georgia, 4-6 November 1976.

University Service

- 2009-2013 Faculty Service to the Department of Engineering Management and Systems Engineering graduate program, George Washington University.
- 2008 Provost's Committee on Undergraduate Studies in the Environmental Sciences.
- 2006-present, Provost Committee to Develop a Disaster Studies Graduate Program.
- 2004-2006 Department Representative to UD Faculty Senate
- 2002-present Department Graduate Committee
- 1997-2002, Director of the Environmental and Energy Policy Graduate Program
- 1999 Center for Advanced Study Faculty Fellowship Review Committee.
- 1999 Competitive Fellowship Award Committee.
- 1998, appointed Director of the Environmental and Energy Policy Graduate (new) degree program.
- 1993, appointed University Promotion and Tenure Committee.

- 1993-94, appointed faculty representative to UD Board of Trustees Committee on Education and Training.
- 1991-94, elected AAUP Steering Committee.
- 1991-94, Arts & Science College Senate, elected at-large senator.
- 1989-90, elected President of the Arts & Science College Senate.
- 1989-90, University Faculty Senate At-large.
- 1989-91 and 1983-85, University Research Committee, responsible for allocating \$250,000 in faculty research grants each year.
- 1988-89, Secretary of the Arts & Science College Senate.
- 1988-89, Faculty representative to the Finance Committee of the University of Delaware Board of Trustees.
- 1988-93, University Faculty Senate Budget Committee.
- 1985-88, University Public Service Fellowship Committee.
- 1984-89, University Senate Visiting Scholars and Speakers Subcommittee.
- 1984-85, Arts & Science Faculty Senate, Academic Planning Committee.
- 1982-85, Arts & Science College, Organization and Rules Committee.
- 1980-84, Office of Computer Based Instruction Faculty Advisory and Proposal Review Committee.

Departmental Service

- 2009-2010 NuCren Project, Disaster Management for The Netherlands, in-country workshop and national disaster exercise observer and evaluator, sub-contractor George Washington University. Project funded by European Union through AON Corporation in contract with the National Ministry of Public Works and Transportation, The Netherlands.
- 2007-2008 Department's America and the World Conference committee and presenter.
- 2007 Department Web Site Development Committee
- Five year review committee for Drs. Pika, Goldstein, and S. Davis spring 2005
- Chair of the Public Policy and Administration field area for graduate exams
- University Faculty Senate department representative, 2004-2005.
- 1998, Ad Hoc Departmental Grant Research Team.
- 1990-1993, 1997-99, 2001-2005 Graduate Policy Committee.
- 1995, Search Committee departmental representative for Senior Professor/Messick Chair of Public Administration, College of Urban Affairs and Public Policy.
- 1995-96, Acting Undergraduate Internship Director.
- 1993-present, Department Grants Research Liaison.
- 1987-94, Chair, Public Policy and Administration committee. Coordinator of Public Policy and Administration MA and Ph.D. comprehensive exams.
- 1987-88, 2004-2005 Undergraduate Committee.
- 1979-86, 88-89, 93- Master of Public Administration executive committee; Environment and Energy Policy Subcommittee Chair 1982-90.
- 1986-87, departmental senator to Arts & Science College Senate.

- 1982-86, MPA Admissions & Fellowship Committee.
- 1984-85, 1992-93, Department Personnel Action Committee.
- 1985, Marine Policy Program Search Committee, Department Representative.
- 1984, Department representative to AAUP.
- 1983-85, 1987-, Department coordinator of tutoring services.

Community Service

- 2015 August, PBS TV News Interview about the 10th Anniversary of Hurricane Katrina and FEMA Reform.
- 2015 July/August, Rowan University (NJ) new undergraduate degree in emergency management, Outside Evaluator and Site Visitor, under A&S Dean Cindy L. Vitto. Prepared 35 page report and other items. October 2015 program approved, after failures by others in 2014 and 2013. Glassboro, NJ.
- 2014- Volunteer, Delaware Medical Reserve Corps (shelter management).
- 2011- Volunteer and Secretary, 23rd Representative District Democratic Committee.
- 2013, Guest lecture on disaster declarations, Prof. Patrick Robert's graduate seminar, Virginia Tech University, Old Alexandria campus.
- 2012, Guest lecture, Philadelphia University, summer residential emergency manager education program, 42 participant students, all emergency managers.
- 2006-2009, Environmental Advisory Panel, Valero Refinery, Delaware City
- 2004-2006, Environmental Advisory Panel, Premcor Refinery
- 2003-2004, Environmental Advisory Panel, Motiva Refinery
- 2001, Comcast News broadcast morning of 9/11/2001 as expert guest on disaster management. My on-air time spanned 2.5 hours and encompassed both tower collapses. Follow up interview one week later at Philadelphia Comcast News.
- 1995, Consultant, Scientific Applications International Corp., Germantown, Md.
- 1993, Co-organizer, UD undergraduate Community Service Corps.
- 1993, Radio actuality on Disaster Policy and FEMA Reform. Re-broadcast over 10 news stations.
- 1988-92, Newark American Little League coaching work.
- 1986-87, Public Service Fellow to WHYY TV-12 Public Television, Wilmington Philadelphia. Producer and Public Affairs Analyst.
- 1986-87, Consultant, Building Seismic Safety Council.
- 1985-86, Governor's Low-Level Radiological Waste Task Group. Participant in 1986 bill signing ceremony at Governor's Legislative Hall office.
- 1985, Briefing Paper and Presentation for the Delaware Nature Education Society, on At-Sea Incineration of Hazardous Substances, Ashland, Del., March 1985.
- 1979-83, Member, 1981-83, Chair, Energy Conservation Advisory Committee for the Department of Administrative Services (Delaware).

Grants

- 2011-12, FEMA Higher Education Project Grant program, training module (250 pages) "A Guide to Governors and Disaster Management." (\$12,000).

- 2008-9, Public Entity Risk Institute (PERI) Foundation grant to upgrade “U.S. Disaster Declaration Map-Based Website to County Level.” (\$25,000, per year).
- Micro-Purchase Grant for Department of Homeland Security FEMA, Higher Education Program, for “Body of Knowledge” Project, 2006.
- 2005, PERI Foundation grant to develop “U.S. Disaster Declaration Map-Based Website to County Level.” (\$50,000, one year).
- 1997-99, "Disasters and Coastal Zone States: A Policy Analysis of Approvals, Turndowns, Spatial Impacts and Relief Spending 1953-95," National Sea-Grant Program. (\$38,000 one year).
- 1996-97 , Economic Dimensions of Disaster Instructor Guide," for the Emergency Management Institute of the U.S. Federal Emergency Management Agency, Emmitsburg, Md. (\$25,000 first year).
- 1995-96, The Political Basis of Disaster Policy and Emergency Management Instructor Guide," for the Emergency Management Institute of the U.S. Federal Emergency Management Agency, Emmitsburg, Md. (\$20,000 first year).
- 1994-95, Natural Hazards Research and Applications Center of University of Colorado, "Quick Response Grant," to support field research of the California presidentially declared flood disasters of winter 1995.
- 1993-94, Fund for Improvement of Post-Secondary Education, Community Service for College Students, 2 rounds of application.
- 1991-92, CO-principal Investigator, "Sociobehavioral and Emergency Management Aspects of Catastrophic Marine Oil Spills," Sea Grant Office of National Oceanic and Atmospheric Administration, Department of Commerce. With J.M. Nigg of Disaster Research Center, \$68,200.
- 1988, One of only three grants awarded to develop an experimental course, "U.S. Disaster Politics: Studies in Emergency Management and Policy," to be taught on the undergraduate level in January 1989 Winter Session, funded by the Office of the Provost.
- 1988, July, University of Delaware Sea Grant Program, "Emergency Management in the Delaware Estuary," for publication in issue of Delaware Estuary Situation Report, one-ninth salary.
- 1987, July, University of Delaware Sea Grant Program, to continue television production work on "Delaware River, Delaware Bay," one-ninth salary.
- 1984, General University Research Committee, "Research of Declassified AEC Advisory Committee Records at DOE Archives," one-ninth salary.
- 1983, Improvement of Instruction Grant, "To Develop an Introductory-Level Public Policy Course," and "To Develop Computer Software for Use In Organizational Theory and Public Administration Instruction," one-ninth salary.
- 1980-81, NSF LOCI Grant of \$25,000 to support development of four PLATO-based Political Science Instructional Simulations.

Awards, Professional Achievements, and Workshops

- Won the 2014 B. Wayne Blanchard Award for Excellence in Academic Research of Emergency Management, FEMA Higher Education Program workshop, June.

- Annual Woefl Seminar Speaker, John Carroll University, Cleveland, OH, March 2006.
- Key Note Speaker on Scholar's Day, State University of New York at Cortland, April 13, 2005.
- 2005-present, appointed to advisory panel of the Emergency Management Accreditation Program.
- Appointed National Academy of Science, Disaster Roundtable and Steering Committee, 2002-2005.
- 2004, Speaker and panel chair, National Academy of Science, Disaster Roundtable workshop on "The Law and Policy of U.S. Emergency Management."
- Post-doctoral fellow with the UD Center for Advanced Study, 1994-5. Involved full academic year release from instruction and service to write a book on presidential disaster declarations. University awards only 2-3 each year selecting from a faculty of 800.
- Certificate of Appreciation issued by the National Emergency Management Association, September 1994.
- Petak Award for best paper on disaster policy or emergency management delivered at the annual American Society for Public Administration conference, 1993.
- "Networking Conference and Workshop," U.S. Federal Emergency Management Agency, National Emergency Training Center, Emmitsburg, Maryland, January 1988.
- Awarded a University of Delaware Public Service Fellowship for the 1986-87 academic year to work as a News and Public Affairs Analyst for WHYY TV-12 (Wilmington-Philadelphia) public television. This project involved production work of election night coverage, management of all aspects of returns reporting, integration of returns with computer-based Vidivote software package enabling generation of TV graphics of return counts in virtual time, personnel management of returns assistants, and on-air commentary of election results.
The post-election responsibilities of the project involved proposal generation and application, sponsor identification for grant proposals, political content analysis of nightly reports, and field production. I also produced "Capital Comments," a weekly five minute news interview of a key state political official from March 7 through July 3, 1987.
- From January 1987 to October 1987 I created and associate produced a documentary entitled, "DELAWARE RIVER, DELAWARE BAY," which aired October 26, 1987 at 8:00 PM EDT on TV-12. The program earned a 4.3 share which was considerably higher than the average TV-12 prime time program average share of 3.0 to 3.5. A 4.3 share means that approximately 115,000 households in the Delaware Valley viewing area watched the entire 30 minute program. The producer was David Rosenberg. Since airing, WHYY TV-12 has nominated the program for an EMMY AWARD as best 30-minute public affairs documentary produced by a public television station in 1987. The program won the 1988 Achievement Award of the Water Resources Association of the Delaware River Basin.

- Fellowship was competitively awarded and is sanctioned by the Office of the Provost and the Public Service Fellowship Committee.
- Workshop on Development of an Action Plan to Abate Seismic Hazards to Lifelines, conducted by the Building Seismic Safety Council for the U.S. Federal Emergency Management Agency, Denver, Colorado, 5-7 November 1986.
- Workshop, American Political Science Association, Program for Continuing Professional Development, "Inside the Budget Process," lead by Dr. Allen Schick, September, 1986.
- Certificate of Achievement, Senior Executive Policy Center, Offices of Programs and Academics, National Emergency Training Center, granted by Louis O. Guiffrida, Director of the U.S. Federal-Emergency Management Agency, 1 June 1984.
- Workshop Participant, "NASPAA/FEMA Workshop for Professors of Public Administration and Public Affairs," Federal Emergency Management Agency White House National Security Council, and National Association of Schools of Public Affairs and Administration sponsors, Washington, D.C. and Emmitsburg, Maryland, 20-31 May and 1-2 June 1984. (All expenses paid by U.S. FEMA).
- NASPAA Site Visit Team Training, NYU, April 1980. Retrained and Recertified by Prof. Joseph Cayer at ASPA 1994 Kansas City conference.

Professional Memberships

- Member, American Political Science Association, 1975-present; Section on Science and Technology Studies, 1985-present; Section on Policy Studies, 1984-present; Section on Public Administration, 1987-present.
- Member, American Society for Public Administration, 1976 to present; Section on Emergency (and Crisis) Management, 1986-present; Section on-Natural Resources and Environmental Administration.
- Member, Association for Public Policy and Management, 1985-1995; 2007-present.
- Member, International Sociological Association, Section on Mass Emergencies and Disasters, 1988-present.
- Member, International Association of Emergency Management, 2007-present.
- Member, Policy Studies Organization, 1977-present. Also, regular manuscript reviewer.