

DANIEL RICH

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BIOGRAPHICAL PROFILE

Daniel Rich is University Professor of Public Policy in the Biden School of Public Policy and Administration and Director of the Community Engagement Initiative at the University of Delaware. He has served on the faculty since 1970.

In 2009, Dr. Rich was the recipient of the University of Delaware's Medal of Distinction and was recognized by the Unidel Foundation with the establishment of the Dan Rich endowed chair in energy. The university established the Dan Rich doctoral dissertation prize. In 2016, he was inducted by Governor Jack Markell into the Order of the First State. In May 2017, he received the John Taylor award for educational leadership from the Delaware State Chamber of Commerce. He has received the Legacy Laureate Award from the University of Pittsburgh, the distinguished alumni award from the University of Pittsburgh Graduate School of Public and International Affairs, and the Muriel L. Gilman Award from Children and Families First.

From 2001-2009 Dr. Rich served as University Provost. As chief academic officer he was responsible for the administration of all programs of instruction, research, and service, and for facilitating the success of the University's 1,200 faculty and 20,000 students. From 1996-2001, he served as founding dean of the College of Human Services, Education and Public Policy, and from 1991-1996, as dean of the College of Urban Affairs and Public Policy at the University of Delaware.

An elected fellow of the American Association for the Advancement of Science, he served for a decade as visiting professor at the University of Strathclyde in Scotland and has been a senior research associate in the University's Center for Energy and Environmental Policy since its inception in 1980. He serves as a member of the University's Institute for Public Administration, the Delaware Environment Institute, and the Science, Ethics and Public Policy Program.

A recipient of a University of Delaware excellence-in-teaching award, Dr. Rich teaches courses in public policy and management and has supervised numerous doctoral dissertations, master's theses, policy briefs, and management papers. His research has focused on education policy, urban policy, energy policy, and science and technology policy. His publications include 13 books and edited volumes, and more than 100 articles, monographs and professional papers.

Dr. Rich serves as Policy Director of the Wilmington Education Improvement Commission which advises the Governor and General Assembly on strengthening public education in Wilmington and on addressing the needs of all Delaware schools with high concentrations of low-income students. He has served as chair of the Delaware Early Childhood Council, as a leader of the Vision 2015 education reform effort in Delaware, and a Delaware Commissioner to the Education Commission of the States. His public and professional service contributions include a variety of appointments in support of preK-12 education and higher education. He has served on the Boards of the Delaware Public Policy Institute, Nemours Health and Prevention Services, and the University of Pittsburgh's Graduate School of Public and International Affairs.

He received his Ph.D. from the Massachusetts Institute of Technology (1971), his M.P.I.A. from the University of Pittsburgh (1967), and his B.A. from Brooklyn College of the City University of New York (1964).

Dr. Rich was born in New York City on June 1, 1943. He married Nancy S (Johnson) Rich on August 20, 1966. They have two children, Jennifer Boaz and Andrew Rich, and two grandchildren, Emma Baz and Aidan Boaz.

POSITIONS HELD

Director, Community Engagement Initiative, University of Delaware (2015-present)

University Professor of Public Policy, Biden School of Public Policy and Administration, University of Delaware (2009-present).

Senior Policy Fellow, Institute for Public Administration, University of Delaware (2009-present)

Director, Ph.D. in Urban Affairs and Public Policy program (2012-2020)

University Provost, University of Delaware (2001-2009)

Dean, College of Human Services, Education and Public Policy (1997-2001).

Dean, College of Urban Affairs and Public Policy, University of Delaware (1991-97).

Professor, School of Urban Affairs and Public Policy and Department of Political Science and International Relations, University of Delaware (1981-2009)

Visiting Professor, Centre for Planning/Department of Environmental Planning, University of Strathclyde, Glasgow, Scotland (1987-2002).

Senior Research Associate, Center for Energy and Environmental Policy, University of Delaware (1984-97).

Visiting Scholar, Urban and Regional Planning, University of Strathclyde, Scotland (1984).

Associate Professor, College of Urban Affairs and Public Policy and Department of Political Science, University of Delaware, (1975-81).

Acting Dean, College of Urban Affairs and Public Policy, University of Delaware (1978-79).

Associate Dean College of Urban Affairs and Public Policy, University of Delaware (1976-80).

Research Fellow, Center for Policy Alternatives, Massachusetts Institute of Technology (1976-77).

Associate Director, Division of Urban Affairs, University of Delaware (1973-76), Acting Director (1974).

Assistant Professor, Division of Urban Affairs and Department of Political Science, University of Delaware (1973-75).

Assistant Professor, Department of Political Science, University of Delaware (1971-73).

Assistant to the President and Consultant on Public Affairs, American Institute of Aeronautics and Astronautics (1969-70)

Research Fellow, Department of Political Science, Massachusetts Institute of Technology (1967-69)

Instructor and Assistant to the Director, Division of Special Training, Graduate School of Public and International Affairs, University of Pittsburgh (1964-66)

EDUCATION

Massachusetts Institute of Technology: Ph.D., 1972
(Political Science)

University of Pittsburgh: M.P.I.A., 1966
(Public Administration and International Affairs)

Brooklyn College: B.A., 1964
(Political Science)

AWARDS AND HONORS

John Taylor Education Leadership Award, State Chamber of Commerce (2017)

Order of the First State, inducted by Governor Jack Markell (2016)

Legacy Laureate, University of Pittsburgh (2014)

Delaware Tributes of Service, State of Delaware, (2011 and 2014)

Distinguished Alumni Award, Graduate School of Public and International Affairs, University of Pittsburgh (2011)

Muriel L. Gilman Advocacy Award, Children and Families First, (2011)

Medal of Distinction, University of Delaware (2009)

Dan Rich Chair in Energy, University of Delaware, endowed by the Unidel Foundation (2009)

Dan Rich Doctoral Dissertation Prize, University of Delaware (established 2009)

Excellence in Teaching Award, University of Delaware (1986)

Fellow, Salzburg Seminar in American Studies, (1983 and 1999)

Fellow, American Association for the Advancement of Science (elected 1976)

PROFESSIONAL AND COMMUNITY SERVICE APPOINTMENTS

Policy Director, Redding Consortium for Educational Equity (July 1, 2019-2020)

Co-Chair, Governing Board, The Newark Partnership (2018-present)

Steering Committee, Wilmington Public Policy Partnership (2017-present)

Policy Director, Wilmington Education Improvement Commission (August, 2015-June 2019)

Policy Director, Wilmington Education Advisory Committee (September 2014-July 2015)

Commissioner for Delaware, Education Commission of the States, (2010-2014)

Chair, Delaware Early Childhood Council (2010-2017)

Member, ASPA Ad Hoc Committee on the Future of Public Service(2017)

Chair, NASPAA Panel on Change Management (2013-2014).

Ex Officio Member, Delaware Interagency Resource Coordinating Committee (2011-2014)

Leadership Team, Vision Coalition for Education Reform (2006-2018)

Board of Advisors, Graduate School of Public and International Affairs
University of Pittsburgh (2009-2016)

Board of Advisors, Nemours Health and Prevention Services (2006-2016)

Board of Directors, Delaware Public Policy Institute (2001-2015)

Legislative Task Force on District-Charter School Collaboration, Delaware General Assembly
(2012-2013)

Delaware P-20 Education Council, (2004-2014)

Governor's Working Group on Charter School Reform (2011)

Chair, Program Committee, University of Delaware Knowledge-Based Partnership Conference Series; a collaboration of higher education, government, business and nonprofit leaders to address

the key policy challenges facing Delaware and the nation (2007-present)

Interim Executive Director, Delaware Health Sciences Alliance, a partnership of the University of Delaware, Thomas Jefferson University, Christiana Care Health System, and Nemours (2009)

Delaware Philanthropy Forum (2009-2011)

Leadership in Education Achievement in Delaware, advisory committee to the Governor of Delaware (2007-2008)

Middle States Commission on Higher Education Reviewer and Periodic Review Evaluator (2001-2009)

Board of Directors, Public Allies Delaware (1998-2000)

Co-chair, Delaware Mentoring Council 1998-2002

Board of Directors, Delaware Science, Math & Technology Education Foundation (1998-2001)

Member, Business/Public Education Council of Delaware (1998-2000)

Co-chair, Delaware Public Policy Institute, "Task Force on Preserving Delaware's Economic Growth" (1999)

International Editorial Board, Regional Studies, Journal of the Regional Studies Association (1990-1998)

Regional Planning Council on Teacher Quality and Availability (1999)

Editorial Board, Cities and Planning, Sage Publications (1994-1999) Co-editor, *Energy Policy Studies*, Transaction Books (1983-1990) Associate Editor, Regional Studies, Journal of the Regional Studies Association (1992-1998)

North American Correspondent and Associate Editor, Regions, Regional Studies Association, U.K. (1986-1998)

Chair, Delaware Education Accountability Task Force (1997)

Governor's Educational Technology Committee (1997-1998)

Delaware Professional Standards Council (1997-1999)

Co-Chair, Strategic Planning for Technology Utilization and Effectiveness, Delaware Center for Educational Technology (1996-1998)

Delaware Public Policy Institute, Steering Committee on Economic Growth (1997-1998)

Policy Council, Delaware Transportation Institute (1993-1996)

Advisory Board, The Health Center, Newark Senior Center, University of Delaware (1996-1998)

Co-chair, Wilmington Community Development Partnership Coordinating Committee (1993-1995)

Chair, External Review Team, Georgia State University, School of Public Administration and Urban Studies (1994)

Reviewer: *Oxford University Press; Sage Publications, Journal of Politics; The Annals of the American Academy of Political and Social Science; Energy Policy; Temple University Press; Urban Affairs Quarterly; Journal of Urban Affairs; Alternative Futures: Journal of Utopian Thinking; Journal of Voluntary Action Research; Environment International; Environment and Behavior; Cities; Studies in Comparative International Development; University of Delaware Press.*

Institutional Representative, Urban Affairs Association (1991-1996)

Institutional Representative, Association of Public Policy Analysis and Management, (1995-1996)

Dean's Caucus, Urban Affairs Association (1995-1997) Chair, Task Force on Health Care Policies, for Congressman and Governor Thomas R. Carper, (1991)

National Field Review Panel, U.S. Department of Education, Title IX Public Service Education Project (1980-81)

University Representative, National Association of Schools of Public Affairs and Administration (1978-79)

Technical Advisor, Governor's Intergovernmental Task Force, State of Delaware, (1977-78), Committee on Planning, Housing and Economic Development Project Reviewer, Canadian National Science Council (1977-78).

Project Reviewer, Domestic Policy Staff, The White House, Carter administration policy proposal on urban development banking (1977) .

Secretary, Social and Economic Sciences, American Association for the Advancement of Science (1973-77).

Newcomb-Cleveland Prize Committee, American Association for the Advancement of Science (1974-76).

Committee on Science, Technology and Government, American Society for Public Administration (1973-75).

Committee on Urban Affairs, National Association of Schools of Public Affairs and Administration (1973-75).

Board of Directors, Science and Public Policy Studies Group (1971-73).

Institutional Representative, Council of University Institutes for Urban Affairs (1978-79)

Academic Coordinator, Wilmington City Corps Program (1974-75)

University Representative, Delaware State Manpower Planning Committee (1974)

Research Consultant, Action for Boston Community Development, Affiliate Agency of the Office of Economic Opportunity (1968)

Research Consultant, National Opinion Research Council (1967)

Research Consultant, Medinet Division, General Electric Corporation (1967)

PUBLICATIONS

Books and Edited Volumes

The Biden School and the Engaged University of Delaware: 1961-2020 (in progress).

Solutions for Delaware Schools, Vol 1: Redistricting in the City of Wilmington and New Castle County: A Transition, Resource and Implementation Plan. co-author, Wilmington Education Improvement Commission, University of Delaware Institute for Public Administration, May 2016.

Strengthening Wilmington Public Education. co-author, Wilmington Education Advisory Commission, University of Delaware, Institute for Public Administration, April 2015.

Privatism and Urban Policy in Britain and the United States, Japanese Edition, with T.K. Barnekov and Robin Boyle (Gakugei Shuppan-Sha Co., Ltd.: Tokyo, Japan, 1992)

Energy and the Environment: The Policy Challenge, co-edited with John Byrne, *Energy Policy Studies*, Volume VI (New Brunswick, NJ: Transaction Books, 1992).

Privatism and Urban Policy in Britain and the United States, with T. K. Barnekov and Robin Boyle (Oxford/New York: Oxford University Press, 1989)

Proceedings of the International Symposium on Energy Options for the Year 2000: Contemporary Concepts in Technology and Policy, co-edited with Jorma Heinonen, Eino Kainlauri, John Byrne, Mervi Salminen and Olli A. Seppanen, Four Volumes: *Energy Systems*, *Technology Futures*, *Energy and Buildings*, and *International Cooperation* (Newark, DE: Center for Energy and Urban Policy Research, University of Delaware, 1988).

Planning for Changing Energy Conditions, co-edited with John Byrne, *Energy Policy Studies*, Volume IV (New Brunswick, NJ: Transaction Books, 1988).

The Politics of Energy Research and Development, co edited with John Byrne, *Energy Policy Studies*, Volume III (New Brunswick, NJ: Transaction Books, 1986).

Energy and Cities, co edited with John Byrne, Energy Policy Studies, Volume II (New Brunswick, NJ: Transaction Books, 1985).

Technology and Energy Choice, co edited with John Byrne and Mary Helen Callahan, Energy Policy Studies, Volume I (Newark, Delaware: University of Delaware, 1983).

The Solar Energy Transition: Implementation and Policy Implications, co edited with Allen M. Barnett, John Byrne and Jon Veigel (Boulder Colorado: American Association for the Advancement of Science, Westview Press, 1983)

Political Vision and the Future of Governance, co edited with David E. Ingersoll and John Byrne, Alternative Futures: The Journal of Utopian Studies, Winter 1981, Vol. 4, No. 1.

University Urban Programs, Council of University Institutes for Urban Affairs, University of Delaware, December 1980, co-editor with Mary Helen Callahan and Henry Smith III. Portions reprinted in Urban Affairs Association Communication, May-June, 1981, Vol. IX, No. 6.

Urban Affairs in Transition: Analysis and Commentary, editor, Council of University Institutes for Urban Affairs, University of Delaware, 1976.

Private Governments, co-editor with Sanford A. Lakoff. (Lakeview, Illinois: Scott-Foresman and Company, 1973)

Journal Articles, Chapters, and Essays

“The Political Economy of Higher Education and Student Debt,” with Eric Best, Handbook of the Political Economy of Science, London: Routledge, 2017

“Privatism and Local Economic Development: Lessons from the United States,” with T.K. Barnekov, Science and Praxis of Governance. Johannesburg, S.A.: Mapungubwe Institute for Strategic Reflection, 2014.

“Public affairs programs and the changing political economy of higher education,” Journal of Public Affairs Education, 19(2), 2013, 263-283.

“The changing political economy of higher education: public investments and university strategies,” Journal of Public Administration, 48 (3), 2013, 429-454.

“Academic Leadership and the Restructuring of Higher Education,” in Ronald J. Henry (ed.) Transitions Between Faculty and Administrative Careers, New Directors for Higher Education, No. 34, Summer 2006, pp 37-48.

“Integrating Theory and Practice in MPA Education: The Delaware Model,” with Robert B. Denhardt, Jerome R. Lewis and Jeffrey A. Raffel, The Journal of Public Administration Education (forthcoming). Excerpted in SPAE Forum, American Society for Public Administration, Vol. 6, No. 4, June 1996.

"Solar Thermal Incentives: Tax Credits," with J. D. Roessner, in R. Larson and R. West (eds.), Implementation of Solar Thermal Technology (Cambridge, MA: MIT Press, 1996): pp.

757-790.

"Introduction to Cities and Urbanism," with T.K. Barnekov, in R. Caves (ed.), Exploring Urban America, (Thousand Oaks, CA: Sage Publications, Inc., 1995).

"Toward a Political Economy of Global Change: Energy, Environment, and Development in the Greenhouse," with John Byrne, in Energy and the Environment: The Policy Challenge, 1992, cited above.

"The Real Energy Crisis," with John Byrne, Regional Studies Association Newsletter, No. 169, October 1990.

"Lewis Mumford and the Living City," with John Byrne and Cecilia Martinez, Regional Studies Association Newsletter, No. 167, June 1990.

"Photovoltaics and Electric Utilities: An Evaluation of Utility Attitudes and Expectations," with Bill N. Baron, Craig McDonnell and Constantine Hajilambrinos, Solar Cells, Spring, 1990.

"The Declining Federal Role in Local Economic Development," with T. K. Barnekov, Local Economy, Vol. 4, No.4, February, 1990: 322-327.

"Tax Credits and U.S. Solar Commercialization Policies," with J. D. Roessner, Energy Policy, Vol. 18, No. 2, March, 1990, pp. 186-198.

"Introduction" to *Federal-City Relations in the United States*, by John J. Gunther (Newark, DE: University of Delaware Press, 1990) pp. 7-15

"Privatism and the Limits of Local Economic Development," with T. K. Barnekov, Urban Affairs Quarterly, Vol. 25, No. 2, December, 1989, pp. 212-238.

"Jack Kemp and the Precarious Future of HUD," with Wilhelm Benfer, Regional Studies Association Newsletter, No. 163, November/December, 1989.

"Photovoltaics and Electric Utilities," with Bill N. Baron, Craig McDonnell and Constantine Hajilambrinos, Proceedings of the 9th European Photovoltaic Solar Energy Conference, September, 1989, pp. 661-665.

"Local Economic Development and the High Technology Chase," with Jack L. Dustin, Regional Studies Association Newsletter, No. 160, May/June, 1989.

"The Reagan Legacy and the Politics of Urban Disinvestment," with T.K. Barnekov, Strathclyde Papers in Planning, No. 12, December, 1988.

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Energy Efficiency and Policy Choice," Proceedings of the International Symposium on Energy Options for the Year 2000, Volume I, Energy Systems, 1988. Portions reprinted, *The Energy Specialist* Vol.5/2 (Fall, 1988): pp. 17-19.

"Economic and Policy Implications of Integrated Resource Planning in the Utility Sector," with Young-Doo Wang, John Byrne and Insook Han, Proceedings of the American Council for an

Energy-Efficient Economy, 1988 Conference on Energy Efficiency in Buildings, (Volume 8), August, 1988, pp. 8.265-8.278.

"The Reagan Presidency and the Politics of Urban Disinvestment," with T. K. Barnekov, Regional Studies Association Newsletter, No. 154, May/June 1988

"Post-Chernobyl Notes on the U.S. Nuclear Fizzle," with John Byrne, Regional Studies Association Newsletter, No. 150, September/October 1987.

"In Search of the Abundant Energy Machine," with John Byrne in The Politics of Research and Development, 1986 (cited above) pp. 141-159.

"Rethinking the Household Energy Crisis: The Role of Information in Household Energy Conservation," with John Byrne, Francis Tannian and Young-Doo Wang, Families and the Energy Transition, special issue, *Marriage and Family Review*, 9/1-2 (Fall 1985): 83-113. Reprinted in J. Byrne, D. Schulz and M. Sussman, eds. *Families and the Energy Transition*, New York, Haworth Press, 1985, pp. 83-114.

"Deregulation and Energy Conservation: A Reappraisal," co-authored with John Byrne, Policy Studies Journal, Vol. 13, No. 2, December 1984, pp. 331-344.

"The Post-Industrial Imperative: Energy, Cities, and the Featureless Plain," co-authored with John Byrne and Cecilia Martinez, in Energy and Cities, 1985, pp. 101-141.

"Urban Policy and the New Privatism in the United States and Britain," co-authored with Robin Boyle, Public Administration Bulletin, Number 45, August 1984, pp. 22-36.

"In Pursuit of the Private City: A Comparative Assessment of Urban Policy Orientations in Britain and the United States," with Robin Boyle, Strathclyde Papers on Planning, No. 3, June 1984.

"Energy Markets and Energy Myths: The Political Economy of Energy Transitions," with John Byrne in Technology and Energy Choice, 1983 (cited above) pp. 124-160.

"The Solar Energy Transition as a Problem of Political Economy," in The Solar Energy Transition: Implementation and Policy Implications, 1983 (cited above) with John Byrne.

"The New Privatism, Federalism and Urban Governance," in The Journal of Urban Affairs, Fall 1981, with Timothy K. Barnekov and Robert Warren.

"Governing Utopia: The Challenge to Political Vision," in Alternative Futures: The Journal of Utopian Thinking, Winter 1981, co-authored with John Byrne and David Ingersoll.

"The Intellectual Future of Urban Affairs: Theoretical, Normative and Organizational Options," The Social Science Journal, April 1980, pp. 53-66, co-authored with Robert Warren.

"Social Philosophy and the Structure of Futures Inquiry," Alternative Futures: The Journal of Utopian Thinking, Winter 1980, Vol. III, No. 1, pp. 112-116

"The Future of Futures Research," in Alternative Futures: The Journal of Utopian Thinking,

Summer 1978, Vol. I, No. 2, pp. 113-118, review essay co-authored with David E. Ingersoll.

"The One Dimensional Future: Conceptual and Political Limits of Scientific Futurology," in Alternative Futures: The Journal of Utopian Thinking, Spring 1978, Vol. I, pp. 5-18, co-authored with David E. Ingersoll.

"Privatism and Urban Redevelopment: An Analysis of the Organized Influence of Local Business Elites," in The Urban Affairs Quarterly, June 1977, p. 431-460. Co-authored with Timothy K. Barnekov.

"Beyond Privatism: A Rejoinder," in The Urban Affairs Quarterly, June 1977, pp. 469-474, co-authored with Timothy K. Barnekov.

"Urban Affairs: Discipline, Profession or Academic Casualty," in Urban Affairs in Transition (cited above), pp. 3-24, co-authored with Robert Warren.

"Private Government and Professional Science," in Albert Teich, ed., Scientists and Public Affairs, (Cambridge, Massachusetts: MIT Press, 1974, pp. 3-37).

"Political Action and Professional Engineering," in Chemical Engineering Progress, August 1973. "Private Government and Scientific Societies," in Private Government (above), pp. 176-182.

"The Corporation as a Social Welfare Institution," The American Behavioral Scientist, May 1972, pp. 749-763, co-authored with T. K. Barnekov, Reprinted in Private Government (cited above), pp. 76-85.

"A Profile of the American Institute of Astronautics and Aeronautics," in Astronautics and Aeronautics, April 1971, Vol. IX, No. 4, pp. 72-77.

"A Profile of the Institute of Aerospace Sciences," Astronautics and Aeronautics, February 1971, Vol. IX, No. 2, pp. 68-74.

"A Profile of the American Rocket Society," in Astronautics and Aeronautics, January 1971, Vol. IX, No. 1, pp. 60-68.

Research Monographs, Policy Briefs, and Technical Reports

Wilmington Community Asset and Resource Mapping: An Analysis of the Resources Available to Residents of the City of Wilmington, Delaware, with Kelly Sherretz, Haley Quissaunee, Melissa Micek and Chester Holland, Institute for Public Administration, Wilmington Education Improvement Commission May 2018.

Refocusing the Delaware P-20 Council P-20 Council: Assessment and Recommendations, Policy Brief, with Haley Quissaunee, Kelly Sherretz, Stephanie Becker, Melissa Miceck, Institute for Public Administration, Wilmington Education Improvement Commission, April 2018.

Charter-District Collaboration: An Overview of National Best Practices and Options for Schools Serving Wilmington Student, with Kelly Sherretz, Kelsey Mensch, Melissa Micek and Asha Chintala, Institute for Public Administration, Wilmington Education Improvement Commission,

July 2017.

Child Poverty Policy in Delaware: A Focus on Health and Education, Policy Brief, with Kelly Sherretz and Kelsey Mensch, Institute for Public Administration, Wilmington Education Improvement Commission, May 2017 (revised 2019).

Wilmington Education Improvement Commission, Annual Report and Data Report, Institute for Public Administration, December. 2016, 2017, 2018, 2019/.

Change Management, Report of the Task Force of the National Network of School of Public Policy, Affairs and Administration (NASPAA), Institute for Public Administration: Newark, DE prepared for the NASPAA Executive Council, October 2013.

Toward Sustainable Energy, Environment and Development: Institutional Strategies for Indonesia, South Korea, Malaysia and Thailand, with John Byrne, et. al, Report for the World Bank Project: Alternative Energy Paths, Newark, DE: Center for Energy and Urban Policy Research, August 1991.

Utility Attitudes Towards Alternative Energy Strategies: The Cases of Demand-Side Management and Demand-Side Bidding, with John Byrne, Young-Doo Wang, and Steven M. Hoffman. Prepared for the Electric Power Partners Program. 1991.

Institutional Strategies for Energy Efficient and Environmentally Sensitive Development, with John Byrne, Young-Doo Wang et al., Preliminary Report on the World Bank Project: Alternative Energy Paths, Newark, DE: Center for Energy and Urban Policy Research, November 1990.

The Regulatory Environment for Utility Innovations: The Cases of Demand-Side Bidding and Photovoltaic Technologies, with John Byrne, Y. D. Wang, C. McDonnell, and Kyunghie Ham, Electric Power Partners Program, Newark, DE: Center for Energy and Urban Policy Research and Institute of Energy Conversion, September 1990.

Photovoltaics and Electric Utilities: Impacts and Implications, with Bill N. Baron Craig McDonnell and Constantine Hajilambrinos, Electric Power Partners Research Program Newark, DE: Center for Energy and Urban Policy Research and Institute of Energy Conversion, 1989.

Evaluation of Demand Management Proposals of the Delmarva Power and Light Company, with John Byrne, Young-Doo Wang and Bruce Oliver, Delaware Public Service Commission, 1988.

Federal Solar Tax Credits, with J. David Roessner, Solar Energy Research Institute, U. S. Department of Energy, 1987-88.

Residential Electricity Demand: The Effects of Rate Policies, Information and Income, with John Byrne, Francis Tannian and Young-Doo Wang, College of Urban Affairs and Public Policy, 1984.

A Methodology for Evaluating Utility Billing Information Initiatives, with John Byrne, Steve Hoffman, Francis Tannian and Young-Doo Wang, College of Urban Affairs and Public Policy, 1984.

The Billing Process and Consumer Energy Information in Delaware, co-authored with John Byrne, Francis Tannian, and Young Doo Wang, College of Urban Affairs and Public Policy, 1982.

Energy Policy Options: Consumer Energy Information in Delaware, co-authored with John Byrne, Francis Tannian and Young-Doo Wang, College of Urban Affairs and Public Policy, 1981.

Energy Policy Options: Lifeline Electric Rates in Delaware, co-authored with John Byrne, Francis Tannian and Young-Doo Wang, College of Urban Affairs and Public Policy, 1981.

Privatism and Urban Policy, co-authored with T. K. Barnekov, College of Urban Affairs and Public Policy, 1978.

Strategic Alternatives for Energy Conservation, co-authored with James Utterback and Marvin Sirbu, Center for Policy Alternatives, Massachusetts Institute of Technology, 1977.

An Evaluation of Demand for Graduate Programs in the Social Sciences and the Humanities, with John Stapleford, Division of Urban Affairs, University of Delaware, 1975.

Business Organization and Urban Development, with Timothy K. Barnekov, Division of Urban Affairs, University of Delaware, 1975.

The Superior Court in Delaware, co-authored with C. Harold Brown and Peter M. Ross, Division of Urban Affairs, University of Delaware, 1974.

Contributor, *Behavioral Research and the Privacy of the Individual*, Massachusetts Institute of Technology, 1969.

Science and Public Policy: An Introductory Bibliography, with H. M. Sapolsky, Massachusetts Institute of Technology, 1967. Revised and reprinted 1968, National Institutes of Health.

Communications Technology and Social Change in Hospital Organizations, with Joel A. Rosenblatt, Massachusetts Institute of Technology (Sloan School of Management), 1967.

On Cross Cultural Education, Division of Special Training, Graduate School of Public and International Affairs, University of Pittsburgh, 1966.

Professional Papers and Programs

“Race, Poverty and Public Education in Delaware” presentations to the Delaware Historical Society, League of Women Voters, Alliance to Abolish the New Jim Crow, UD Engaged Scholarship Series, and others (2017-2019)

“Public Administration and the Changing Political Economy of Higher Education,” American Society of Public Administration, Washington D.C., (2017).

“The Future of Public Affairs Education” Plenary Session, American Society for Public

Administration, Seattle, Washington, March 2016

“The Public Role of Universities” ASPA/CUPSO, Washington D.C. October 2015

“The Challenges Faculty Public Affairs Programs in the 21st Century,” panel ASPA, Baltimore, Maryland, April 2015

“The Impact of State Funding Cuts on the Meaning and Nature of Public Universities” Annual Meeting of National Association of Schools Public Affairs and Administration, Austin, Texas October 19, 2012

“Public Service Implications of the Changing Political Economy of Higher Education,” Director’s Meeting, Southern Conference of University Public Service Organizations, October, 20, 2012.

“The Future of Public Affairs Programs” Annual Meeting of National Association of Schools Public Affairs and Administration, Kansas City, October 22, 2011

“Creating a Synthesis between Teaching and Practice: The Natural History of an Innovation in Public Administration Education” Northeast Conference on Public Administration, New York City, October 28, 2011

“Public Administration and the Changing Public Role of Universities” American Society of Public Administration Annual Meeting, Baltimore, March 15, 2011

“Creating the Clean Energy Economy,” program chair, Creating Knowledge-Based Partnerships series, University of Delaware, December 13-14, 2010.

“Delaware’s Race to Deliver: Vision 2015 Annual Leadership Forum,” program chair and panelist, September 28, 2010, sponsored by the Rodel Foundation.

“The Future of the Nonprofit Sector,” program chair, Creating Knowledge-Based Partnerships Series, University of Delaware, March 22-23, 2010.

“The Public Role of Universities,” Alumni Lecture, School of Urban Affairs and Public Policy, November 11, 2009.

“Creating New Economies for Delaware, the Region and the Nation,” program chair, Creating Knowledge-Based Partnerships series, University of Delaware, November 9-10, 2009.

“Vision 2015 and Delaware’s Race To The Top,” program chair, October 27, 2009, sponsored by the Rodel Foundation.

“Stronger Health-Based Partnerships,” program chair, Creating Knowledge-Based Partnerships series, University of Delaware, March 24, 2009.

“Delaware Education for a Global Economy: Vision 2015 Leadership Forum,” program chair, University of Delaware, October 2, 2008.

“Creating a Livable Delaware,” program chair, Creating Knowledge-Based Partnerships Series, University of Delaware, March 25, 2008.

“Creating Knowledge-Based Partnerships,” program chair, University of Delaware, November 2, 2007.

“Preparing Delaware for a Changing Federal Government,” Steering Committee, Conference

Sponsored by the Delaware Public Policy Institute, Delaware State Government and the University of Delaware, April 1 and 2, Newark, 1996.

“Integrating Theory and Practice: The Delaware Model,” with Robert B. Denhardt, Jerome R. Lewis and Jeffrey A. Raffel. Teaching Public Administration Annual Meeting, Savannah, GA, February 16, 1996.

"Urban America and Urban Scotland: Pathways of Development," invited lecture, Education Program of the Senior Studies Institute of Scotland, Division of Continuing Education, University of Delaware, July 14, 1995.

"The Future of Urban Affairs," moderator, mini-plenary session, Urban Affairs Association Annual Meeting, Portland, Oregon, May 4, 1995.

"Political Change and the Fate of Urban Policy in the United States," Centre for Planning, University of Strathclyde, Glasgow, March 22, 1995. "Environmental Impact Assessment in the United States," invited lecture, Graduate School of Environmental Studies, University of Strathclyde, Glasgow, March 23, 1995.

"The Future of Urban Affairs and Urban Studies Programs," Urban Affairs Association Annual Meeting, New Orleans, LA., March, 1994.

"Clinton and the Cities," moderator Urban Affairs Association Annual Meeting, New Orleans LA., March, 1994.

"Urban Development and the Challenges of Energy and Environmental Change," invited lecture, University of Strathclyde, Glasgow, U.K. March 24, 1993.

"The Clinton Presidency and U.S. Urban Policy," Centre for Planning, University of Strathclyde, Glasgow, U.K. March 24, 1993.

"Energy, the Environment and the Planning Challenge," Centre for Planning University of Strathclyde, Glasgow, U.K. October 18, 1991.

"The Condition of Urban America," invited public lecture, Centre for Planning, University of Strathclyde, Glasgow, U.K., June 4, 1990.

"Energy, Technology, and Urban Development in America," Seminar on U.S. Urban Policy, Centre for Planning, University of Strathclyde, Glasgow, U.K., June 5, 1990.

Program Organizer, "Anglo-American Urban Research Cooperation," with T.K. Barnekov and R. Boyle, Urban Affairs Association Annual Meeting, Charlotte, N.C., April, 1990.

"Photovoltaics and Electric Utilities," with Bill N. Baron, C. McDonnell and C. Hajilambrinos, 9th European Photovoltaic Solar Energy Conference, Frieberg, W. Germany, Sept., 1989.

"Privatism and Urban Policy," Centre for Planning, Research Seminar Series, University of Strathclyde, Glasgow, Scotland, May, 1989.

"Photovoltaics and Electric Utilities: Impacts and Implications," Electric Power Partner's Research Symposium, University of Delaware, April, 1989.

"Energy Efficiency and Policy Choice," International Symposium on Energy Options for the Year 2000, Wilmington, Delaware, September 1988.

"Economic and Policy Implications of Integrated Resource Planning in the Utility Sector," with Young-Doo Wang, John Byrne and Insook Han, American Council for an Energy-Efficient Economy, Monterey, California, September 1988.

"Urban Policy and the Reagan Legacy," Second Colloquium on Anglo-American Urban Policy, University of Strathclyde, Glasgow, Scotland, June 1988.

"U.S. Local Economic Development Planning," Centre for Planning Research Seminar Series, University of Strathclyde, Glasgow, Scotland, June 1988.

"Planning and Program Committee, International Symposium on Energy Options for the Year 2000, Wilmington, Delaware, September 1988."

"U.S. Energy Policy and the Failures of Public Learning," College of Business, University of Southern Illinois, March 1988.

"Privatism and the Logic of Local Economic Development," with T. K. Barnekov, Urban Affairs Association Annual Meeting, St. Louis, Missouri, March 1988.

Co-arranger, Energy Policy Colloquium Series, Center for Energy and Urban Policy Research, University of Delaware, 1986-present.

"Cities and the New Technology Movement," with Jack L. Dustin, Urban Affairs Association Annual Meeting, Akron, OH, 1987.

Co-arranger, Urban Policy Colloquium Series, Center for Energy and Urban Policy Research, University of Delaware, 1985-present.

"Urban Affairs and the Search for Useable Knowledge," University of Delaware Alumni Newsletter, Summer 1987.

"The Vocation of Urban Affairs," Convocation Address, University of Delaware, June 1986.

"Privatization and Urban Policy," Colloquium on Anglo-American Urban Policy, University of Strathclyde, Glasgow, Scotland, May 1984.

"The Future of Futures Research," Midlands Future Workshop, Coventry Polytechnic, Coventry, U.K., June 1984.

"Planning, Epistemology and the Search for Useable Knowledge," Research Seminar, Department of Urban and Regional Planning, University of Strathclyde, Glasgow, Scotland, May

1984.

"Urban Regeneration Policies in the U.S. and the U.K.," (lectures) Department of Urban and Regional Planning, University of Strathclyde, Glasgow, Scotland, April-June 1984.

"The Meanings of Privatism" with T. K. Barnekov and Robert Warren," Council of University Institutes for Urban Affairs, Omaha, Nebraska, March 1981.

Arranger, "Solar Energy Development: Implementation and Implications" with Allen Barnett and Jon Veigel. American Association for the Advancement of Science, San Francisco, 1980. (Reproduced as an Audio Tape by AAAS).

Program Organizer, Social and Economic Sciences, American Association for the Advancement of Science, annual meeting, Washington, D.C., 1978.

Program Organizer, Social and Economic Sciences, American Association for the Advancement of Science, annual meeting, Denver, Colorado, 1977.

"Urban Affairs, Policy Analysis and Public Administration," with Robert Warren, presented at the annual meeting, Council of University Institutes for Urban Affairs, New Orleans, 1976.

Arranger and Panelist, "Planning the Future: Limits and Prospects," American Association for the Advancement of Science, annual meeting, Boston 1976. (Reproduced as an Audio Tape by the AAAS).

Program Organizer, Social and Economic Sciences, American Association for the Advancement of Science, Boston 1976.

Faculty Forum, SOHIO, Cleveland, 1975, on Energy Policy and the Alaska Pipeline.

Program Organizer, Social and Economic Sciences, American Association for the Advancement of Science, annual meeting, New York 1975.

Program Organizer, Social and Economic Sciences, American Association for the Advancement of Science, annual meeting, San Francisco, 1974.

Delegate, Symposium on "The Future Society: Aspects of America in the Year 2000," American Academy of Political and Social Sciences, Philadelphia, 1973.

"The Scientific Captivity of the Future," with David E. Ingersoll, Science, Technology and society Program, University of Delaware, 1973.

"Political Accountability and Professional Engineering," American Institute of Chemical Engineering, New York, 1972.

"Political Action and Leadership Response in Scientific Societies," American Association for the Advancement of Science. Philadelphia, 1971. Summary presented in Public Science, January 1972.

Arranger, "Technology and Large Scale Bureaucracy," American Association for the Advancement of Science, Washington, D.C., 1970.

Panelist, Symposium on Politics and the Professions, Danforth Foundation, Wells College, New York, 1969.