

CURRICULUM VITAE
ARNOLD VEDLITZ

CONTACT INFORMATION

The Bush School of Government and Public Service
Texas A&M University
4220 TAMU
College Station, TX 77843-4220
avedlitz@tamu.edu
Phone: (979) 845-2929, Fax: (979) 845-4155

ACADEMIC POSITIONS

2000 to present Bob Bullock Chair in Government and Public Policy, Bush School of Government and Public Service, Texas A&M University
1996 to present Professor of Public Policy, Bush School of Government and Public Service, Texas A&M University
1992 to 2002 Research Professor of Health Policy, Texas A&M Health Sciences Center, Texas A&M University System
1987 to 2000 Professor, Department of Political Science, Texas A&M University
1979 to 1987 Associate Professor, Department of Political Science, Texas A&M University
1975 to 1979 Assistant Professor, Department of Political Science, Texas A&M University
1973 to 1975 Instructor, Department of Political Science, Texas A&M University

ADMINISTRATIVE POSITIONS

2020 to present Director, Institute for Science, Technology and Public Policy
2014 to 2017 Co-Director Community Outreach Engagement Core for the Center for Translational Environmental Health Research
2013 to 2016 Executive Associate Dean, Bush School of Government and Public Service, Texas A&M University
2003 to 2016 Division Head, Science, Technology and Policy Division, Texas Transportation Institute, Texas A&M University System
2001 to present Division Head, Technology and Policy Division, Texas Engineering Experiment Station, Texas A&M University System
2000 to 2016 Director, Institute for Science, Technology and Public Policy, Bush School of Government and Public Service, Texas A&M University
1999 to 2004 Executive Associate Dean, Bush School of Government and Public Service, Texas A&M University
1999 to 2002 Director, George Bush International Fellowship Program, Texas A&M University
1993 to 2000 Director, Center for Public Leadership Studies, Bush School of Government and Public Service, Texas A&M University

- 1993 to 1998 Director, Eisenhower Leadership Development Program, Texas A&M University
- 1989 to 1993 Director, Public Affairs Research Program, Department of Political Science, Texas A&M University
- 1988 to 1989 Associate Provost for External Affairs, Texas A&M University
- 1988 Assistant to the President for External Affairs, Texas A&M University
- 1983 to 1984 Director, Public Policy Resources Laboratory, Texas A&M University
- 1982 to 1988 Director, Technology and Society Research Division, Texas Engineering Experiment Station, Texas A&M University System
- 1981 to 1988 Associate Dean for Administration and Research (now called Executive Associate Dean), College of Liberal Arts, Texas A&M University
- 1980 to 1981 Senior Associate Analyst, Office of Service Delivery Assessment, U.S. Department of Health and Human Services (on Intergovernmental Personnel Act Transfer from Texas A&M University to DHHS)
- 1979 to 1980 Graduate Advisor, Department of Political Science, Texas A&M University
- 1977 to 1979 Undergraduate Advisor, Department of Political Science, Texas A&M University

TEACHING AND RESEARCH FIELDS

- Public Policy
- Science and Technology Policy
- Environmental Politics and Policy
- Intergroup Conflict
- Minority Politics
- American Political Behavior
- Urban Politics
- Political Psychology

EDUCATION

- Ph.D.** University of Houston, Political Science, 1975
- M.A.** Louisiana State University, Government, 1970
- B.A.** Louisiana State University, Government, 1968

HONORS AND AWARDS

- Faculty Excellence Award, Bush School, 2018
- Genesis Engineering Research Award, Texas Engineering Experiment Station, 2018
- Genesis Engineering Research Award, Texas Engineering Experiment Station, 2017
- Director Emeritus and Distinguished Research Scholar in the Institute for Science, Technology and Public Policy, 2016 to present.

American Political Science Association Herbert Kaufman Award, Public Administration Section Best Paper, 2014.

Texas A&M University Faculty Distinguished Achievement Award in Teaching, 1980.

PUBLICATIONS

Books

Understanding Public Trust: Environmental Sustainability, Fracking, and Public Opinion in American Politics. New York: Routledge Publishing. 2017. (with S. E. Robinson and J. W. Stoutenborough).

Swimming Upstream: Collaborative Approaches to Watershed Management, Cambridge: MIT Press, 2005 (edited with P. Sabatier, et al.).

Conservative Mythology and Public Policy in America, New York: Praeger, 1988.

Articles

"Local Level Managers' Attitudes towards Natural Hazards Resilience: The Case of Texas," *Environmental Hazards-Human and Policy Dimensions*, Vol. 22 (3): 243-263, May 2023 (with Dvir, Goldsmith and Seavey).

"The Policy Environment of Remote Patient Monitoring: Evaluating Stakeholders' Views," *International Journal of Healthcare Technology and Management*," Vol. 20 (3): 249-275, 2023 (with Dvir et al.)

"Exploring Public Participation Modes in Government: The Case of Infrastructure Policies," *Public Management Review*, 2023 (with Dvir and Liu).

Growing Community Resilience from the Grassroots: Risk Awareness, Confidence in Institutions, and Civic Participation in a Natural Hazards Context," *Natural Hazards Review*, August 2023, (with Hwang and Bixler).

"Ideology, Knowledge, and the Assessment of Science Policy Agencies," *Science and Public Policy*, Vol. 50 (4): 707-718, 2023 (with Haglin).

"Disparities in Access and Association between Access to Critical Facilities During Day-to-Day and Disrupted Access as a Result of Storm Extreme Weather Events," *Heliyon*, Vol. 9 (8), August 2023 (with Patrascu and Mostafavi).

"Unpacking Public Perceptions of Terrorism: Does Type of Attack Matter?" in *Studies in Conflict and Terrorism*, Vol. 46 (9): 1575-1598, September 2023 (with R. Dvir and N. Geva).

"How to Activate Nonprofit Beneficiaries for Community Resilience? Examining the Role of Risk Perception and Evaluation of Nonprofit Services on Prosocial Behavior in the Context of Natural Hazards," Vol. 44 (1): 16-37, November 2023 (with Hwang, Bixler and Brown).

"Stakeholder Views on Engagement, Trust, Performance and Risk Considerations about Use of Gene Drive Technology in Agricultural Pest Management," *Health Security* vol. 20 (1): 6-15, 2022 (with Goldsmith et al.).

"Far from Home: Infrastructure, Access to Essential Services, and Risk Perceptions about Hazard Weather Events," *International Journal of Disaster Risk Reduction*, Vol. 80, October 2022 (with Dvir and Mostavi).

- “A Micro Model of Problem Definition and Policy Choice: Issue Image, Issue Association, and Policy Support of Power Plants,” *Policy Studies Journal*, Vol. 48 (1): 11-37, February, 2020 (with X. Liu and S. Robinson).
- “Institutional Congruence for Resilience Management in Interdependent Infrastructure Systems,” in *International Journal of Disaster Risk Reduction*, Vol. 46, June, 2020 (with H. Farahmand, S. Dong, A. Mostavi, P. Berke, S. Woodruff and B. Hannibal).
- “How Social Capital Shapes Citizen Willingness to Co-Invest in Public Service: The Case of Flood Control,” in *Public Administration*, Vol. 98 (3): 696-712, September, 2020 (with Y Zhang and X. Liu).
- “Examining of the Actor Collaboration Networks around Hazard Mitigation: A Hurricane Harvey Study,” in *Natural Hazards*, Vol. 103 (3): 3541-3562, July, 2020 (with Q. Li, B. Hannibal, A. Mostavi, A. Berke and P. Woodruff).
- “Perceived Risk of Terrorism and Policy Preferences for Government Counterterrorism Spending: Evidence from a U.S. National Panel Survey,” in *Risk Hazards and Crisis in Public Policy*, Vol. 10, 1, pp: 102-135, March 2019 (with X. Liu, J. Mumpower and K. Portney).
- “Terrorism Risk Assessments, Recollection Bias, and Public Support for Counterterrorism Policy and Spending,” in *Risk Analysis*, Vol. 39, 3, pp: 553-570, March 2019 (with X. Liu, K. Portney and J. Mumpower).
- “Throwing it out: Introducing a nexus perspective in examining citizen perceptions of organizational food waste in the U.S.,” in *Environmental Science and Policy*, Vol. 88 Special Issue, pp: 63-71, October 2018 (with B. Hannibal).
- “Does Political Sophistication Minimize Value Conflict: Evidence from a Heteroskedastic Graded IRT Model of Opinions toward Climate Change,” published online at *British Journal of Political Science*, December 2017. (with P. Kellstedt, M. Ramirez and S. Zahran).
- “Emphasis Framing and the Role of Perceived Knowledge: A Survey Experiment,” in *Review of Policy Research*, Vol. 34, 4, pp: 485-503, July 2017 (with J. Bullock).
- “Understanding Climate Change Risk Perception in the United States,” in *International Journal of Global Warming*, Vol. 13, 2, pp: 113-137. (with H. Grover and S. Brody).
- “Awareness of the Food-Energy-Water Nexus and Public Policy Support in the US: Public Attitudes among the American People,” in *Environment and Behavior*, Vol. 50, 4, PP: 375-400, May 2018 (with K. Portney, B. Hannibal, C. Goldsmith, P. McGee, and X. Liu).
- “Bureaucratic Expertise, Overconfidence, and Policy Choice,” in *Governance*, Vol. 30, 4, pp:705-725, October 2017 (with X. Liu and J. W. Stoutenborough).
- “Investigating the Determinants and Effects of Local Drought Awareness,” in *Weather Climate and Society*, Vol. 9, 4, pp: 641-657, October 2017 (with D. Switzer).
- “Green Colored Lenses: Worldviews and Motivated Reasoning in the Case of Water Scarcity,” in *Environment and Behavior*, Vol. 49, 7, pp: 719-744, August 2017 (with D. Switzer).
- “The Role of Proximity in Problem Identification: Risk of Water Scarcity in Texas,” in *Water Policy*, Vol. 19, 1, pp. 86-98, 2017 (with Z. B. Mahafza, and J. W. Stoutenborough).
- “Personal Characteristics, Local Environmental Conditions, and Environmental Concern: A Multilevel Analysis,” in *Environmental Sociology*, Vol. 2, 3, pp. 286-297, 2016 (with B. Hannibal and X. Liu).

- “Public Problem Characterization, Policy Solution Generation, and Intra-agency Connectivity,” in *Policy Studies Journal*, Vol. 44, 4, pp. 396-423, 2016 (with X. Liu and S. Robinson).
- “The Role of Scientific Knowledge in the Public’s Perceptions of Energy Technology Risks,” in *Energy Policy*, Vol. 96, pp. 206-216, 2016 (with J. Stoutenborough).
- “A Response to ‘Word Choice Matters: Comment on Stoutenborough et al., 2016, ‘Is “Fracking” a New Dirty Word?’” in *Energy Research & Social Science*, Vol. 20, pp.10-13, 2016 (with J. W. Stoutenborough and S. E. Robinson).
- “Is ‘Fracking’ a New Dirty Word? The Influence of Word Choice on Public Views toward Natural Gas Attitudes,” in *Energy Research & Social Science*, Vol. 17, pp. 52-58, 2016 (with J. Stoutenborough and S. Robinson).
- “The Public and its Climate: Exploring the Relationship between Public Discourse and Opinion on Global Warming,” in *Society and Natural Resources*, Vol. 29, 5, pp. 509-524, 2016 (with B. Shreck).
- “Scientific Advocacy, Environmental Interest Groups, and Climate Change: Are Climate Skeptic Portrayals of Climate Scientists as Biased Accurate?” in *Climatic Change*, Vol. 133, 4, pp. 607-619, 2015 (with R. Bromely-Trujillo and J. Stoutenborough).
- “Are all Risk Perceptions Created Equal? Comparing General Risk Assessments and Specific Risk Assessments Associated with Climate Change,” in *Journal of Human & Ecological Risk Assessment*, Vol. 22, 1, pp. 50-70 (with J. Stoutenborough and X. Xing).
- “Predictors of the Perceived Risk of Climate Change and Preferred Resource Levels for Climate Change Management Programs,” in *Journal of Risk Research*, 1-12, 2015 (with J. Mumpower and X. Liu).
- “Knowledge, Information, and Views of Climate Change: An Examination of Coastal Stakeholders along the Gulf of Mexico,” in *Climate*, Vol. 3, 4, pp. 983-998 (with J. Stoutenborough).
- “What Butterfly Effect? The Contextual Differences in Public Perceptions of the Health Risk Posed by Climate Change,” in *Climate*, Vol. 3, 3, pp. 668-688, 2015 (with J. Stoutenborough, K. Kirkpatrick and M. Field).
- “Scientists’ Views and Positions on Global Warming and Climate Change: A Content Analysis of Congressional Testimonies,” in *Climatic Change*, Vol. 131, 4, pp. 487-503, 2015 (with X. Liu, J. Stoutenborough and S. Robinson).
- “How to Win Friends and Influence People: Climate Scientists’ Perspectives on their Relationship with and Influence on Government Officials,” in *Journal of Public Policy*, Vol. 35, 2, pp. 269-296, 2015 (with J. Stoutenborough and R. Bromely-Trujillo).
- “Probing Public Perception on Energy: Support for a Comparative, Deep-Probing Survey Design for Complex Issue Domains,” in *Energy*, Vol. 81, pp. 406-415, 2015 (with J. Stoutenborough and L. Shi).
- “Understanding the Communication of Climate Change Risk: Climate Scientists’ Perspectives of Media Sources and Policy Makers,” in *Risk, Hazards & Crisis in Public Policy*, Vol. 5, 4, pp. 365-384, 2014 (with J. Stoutenborough, R. Fette and C. Goldsmith).
- “The Influence of Specific Risk Perceptions on Public Policy Support: An Examination of Energy Policy,” in *The Annals of the American Academy of Political and Social Science*, Vol. 658, 1, pp. 102-120, 2015 (with J. Stoutenborough and X. Liu).

- “Analyzing Climate Change Debates in the U.S. Congress: Party Control and Networks,” in *Risk, Hazards & Crisis in Public Policy*, Vol. 5, 3, pp. 239-258, 2014 (with S. Park and X. Liu).
- “Public Support for Climate Change Policy: Consistency in the Influence of Values and Attitudes over Time and Across Specific Policy Alternatives,” in *Review of Policy Research*, Vol. 31, 6, pp. 555-583, 2014 (with J. Stoutenborough and R. Bromley-Trujillo).
- “Abnormal Daily Temperature and Concern about Climate Change across the United States,” in *Review of Policy Research*, Vol. 31, 3, pp. 199-217, 2014 (with J. Brooks, D. Oxley, S. Zahran and C. Lindsey).
- “Trends in Public Attitudes Toward Climate Change: The Influence of the Economy and Climategate on Risk, Information, and Public Policy,” in *Risk, Hazards & Crisis in Public Policy*, Vol. 5, 1 pp. 22-37, 2014 (with J. Stoutenborough and X. Liu).
- “Examining the Determinants of Public Environmental Concern: Evidence from National Public Surveys,” in *Environmental Science & Policy*, Vol. 39, pp. 77-94, 2014 (with X. Liu and L. Shi).
- “The Effect of Persuasive Messages on Policy Problem Recognition,” in *Policy Studies Journal*, Vol. 42, 2, pp. 252-268, 2014 (with D. Oxley and B. Dan Wood).
- “The Effect of Perceived and Assessed Knowledge of Climate Change on Public Policy Concerns: An Empirical Comparison,” in *Environmental Science & Policy*, Vol. 37, pp. 23-33, 2014 (with J. Stoutenborough).
- “Climate Scientists and Environmental Interest Groups: The Intersection of Expertise and Advocacy,” in *Politics, Groups, and Identities*, Vol. 2, 1, pp. 120-134, 2014 (with R. Bromely-Trujillo, J. Stoutenborough and K. Kirkpatrick).
- “Public Attitudes toward Water Management and Drought in the United States,” in *Water Resources Management*, Vol. 28, 3, pp. 697-714, 2014 (with J. Stoutenborough).
- “Public Attitudes toward Water Management and Drought in Texas,” in *Texas Water Journal*, Vol. 2, 2, pp. 47-61, 2013 (with J. Stoutenborough).
- “Knowledge, Risk, and Policy Support: Public Perceptions of Nuclear Power,” in *Energy Policy*, Vol. 62, pp. 176-184, 2013 (with J. Stoutenborough and S. Sturgess).
- “Psychometric and Demographic Predictors of the Perceived Risk of Terrorist Threats and the Willingness to Pay for Terrorism Risk Management Programs,” in *Risk Analysis*, Vol. 33, 10, pp. 1802-1811, 2013 (with J. Mumpower, L. Shi and J. Stoutenborough).
- “Citizens, Nonprofits and Climate Change Policy,” *Nonprofit Policy Forum*, Vol. 4, 1, pp. 5-28, 2013 (with A. Bies, D. Lee, C. Lindsey and J. Stoutenborough).
- “Climate Hazards and Risk Status: Explaining Climate Risk Assessment, Behavior, and Policy Support,” in *Sociological Spectrum*, Vol. 33, 3, pp. 219-239, 2013 (with H. Park).
- “Beyond the Left-Right Cleavage: Exploring American Political Choice Space,” in *Journal of Theoretical Politics*, Vol. 25, 1, pp. 75-104, 2013 (with M. Hinich, X. Liu and C. Lindsey).
- “Explaining Popular Trust in the Department of Homeland Security,” in *Journal of Public Administration Research and Theory*, Vol. 23, 3, pp. 713-733, 2013 (with S. Robinson, X. Liu and J. Stoutenborough).
- “Preferences, Knowledge, and Citizen Assessments of the Terrorism Risks of Nuclear Power,” in *Review of Policy Research*, Vol. 29, 2, pp. 207-227, 2012 (with Q. Li, M. Fuhrmann and B. Early).

- "Examining the Willingness of Americans to Alter Behavior to Mitigate Climate Change," in *Climate Policy*, Vol. 12, 1, pp. 1-22, 2012 (with S. Brody and H. Grover).
- "Public Support for the Department of Homeland Security," in *Journal of Homeland Security and Emergency Management*, Vol. 8, 1, 2011 (with S. Robinson and X. Liu).
- "Explaining Media and Congressional Attention to Global Climate Change, 1969-2005: An Empirical Test of Agenda Setting Theory," in *Political Research Quarterly*, Vol. 64, 2, pp. 405-419, 2011 (with X. Liu and E. Lindquist).
- "Climate Change: A Profile of U.S. Climate Scientists' Perspectives," in *Climatic Change*, Vol. 101, 3-4, pp. 311-329, 2010 (with S. Rosenberg, D. Cowman and S. Zahran).
- "Non-Linear Incentives, Plan Design, and Flood Mitigation: The Case of the Federal Emergency Management Agency's Community Rating System," in the *Journal of Environmental Planning and Management*, Vol. 53, 2, pp. 219-239, 2010 (with S. Brody, S. Zahran and W. Highfield).
- "Understanding Local Policy Making: Policy Elites' Perceptions of Local Agenda Setting and Alternative Policy Selection," in *Policy Studies Journal*, Vol. 38, 1, pp. 69-91, 2010 (with X. Liu, E. Lindquist and K. Vincent).
- "Policy Learning for Flood Mitigation: A Longitudinal Assessment of the Community Rating System in Florida," in *Risk Analysis*, Vol. 29, 6, pp. 912-929, 2009 (with S. Brody, S. Zahran, W. Highfield and S. Bernhardt).
- "Greening Local Energy: Explaining the Geographic Distribution of Household Solar Energy Use in the United States," in *Journal of the American Planning Association*, Vol. 74, 4, pp. 419-434, 2008 (with S. Zahran, S. Brody, M. Lacy and C. Schelly).
- "Social Vulnerability and the Natural and Built Environment: A Model of Flood Casualties in Texas," in *Disasters: The Journal of Disaster Studies, Policy and Management*, Vol. 32, 4, pp. 537-560, 2008 (with S. Zahran, S. Brody and W. Peacock).
- "A Spatial Analysis of Local Climate Change Policy in the United States: Risk, Stress, and Opportunity," in *Landscape and Urban Planning*, Vol. 87, 1, pp. 33-41, 2008 (with S. Brody, H. Grover and S. Zahran).
- "Vulnerability and Capacity: Explaining Local Commitment to Climate Change Policy," in *Environment and Planning C-Government and Policy*, Vol. 26, 3, pp. 544-562, 2008 (with S. Zahran and S. Brody).
- "Regional News Portrayals of Global Warming and Climate Change," in *Environmental Science & Policy*, Vol. 11, 5, pp. 379-393, 2008 (with X. Liu and L. Alston).
- "Innovation and Implementation in the Public Sector: An Examination of Public Entrepreneurship," in *Review of Policy Research*, Vol. 25, 3, pp. 233-252, 2008 (with W. Mack and D. Green).
- "Identifying the Impact of the Built Environment on Flood Damage in Texas," in *Disasters: The Journal of Disaster Studies, Policy and Management*, Vol. 32, 1, pp. 1-18, 2008 (with S. Brody, S. Zahran and W. Highfield).
- "Risk, Stress and Capacity: Explaining Metropolitan Commitment to Climate Protection," in *Urban Affairs Review*, Vol. 43, 4, pp. 447-474, 2008 (with S. Zahran, H. Grover and S. Brody).
- "Personal Efficacy, the Information Environment, and Attitudes toward Global Warming and Climate Change," in *Risk Analysis*, Vol. 28, 1, pp. 113-126, 2008 (with P. Kellstedt and S. Zahran).

- "Examining the Relationship between Physical Vulnerability and Public Perceptions of Global Climate Change," in *Environment and Behavior*, Vol. 40, 1, pp. 72-95, 2008 (with S. Brody, S. Zahran and H. Grover).
- "Theories of Ethnic Social Distance: Comparative Empirical Tests for Three Distinct Ethnic Groups," in *Sociological Spectrum*, Vol. 27, 5, pp. 585-603, 2007 (with S. Zahran).
- "Collective Action and Citizen Response to Global Warming," in *Political Behavior*, Vol. 29, 3, pp. 391-413, 2007 (with M. Lubell and S. Zahran).
- "Issue Definition, Information Processing and the Politics of Global Warming," in *American Journal of Political Science*, Vol. 51, 3, pp. 552-568, 2007 (with B. Dan Wood).
- "Can We Generalize from Student Experiments to the Real World in Political Science, Military Affairs and International Relations," in *Journal of Conflict Resolution*, Vol. 50, 5, pp. 757-776, 2006 (with A. Mintz and S. Redd).
- "Climate Change Vulnerability and Policy Support," in *Society and Natural Resources*, Vol. 19, 9, pp. 771-789, 2006 (with S. Zahran, S. Brody and H. Grover).
- "Collective Action, Environmental Activism and Air Quality Policy," in *Political Research Quarterly*, Vol. 59, 1, pp. 149-160, 2006 (with M. Lubell and S. Zahran).
- "Race, Ethnicity and Political Participation: Competing Models and Contrasting Explanations," in *Journal of Politics*, Vol. 61, 4, pp. 1092-1114, 1999 (with J. Leighley).
- "Forgiveness as a Mediator in Intergroup Conflicts," in *Journal of Intergroup Relations*, Vol. 26, 3, pp. 26-47, 1999 (with N. Canzoneri and N. Geva).
- "Comparing Canadian and American Values: New Evidence from National Surveys," in *The Canadian Review of American Studies/The American Review of Canadian Studies* joint issue, Vol. 26, 3, pp. 301-314, 1996 (with J. Alston and T. Morris).
- "Individual Vulnerability and Views of the Ingroup and Outgroups among Citizens of the European Community," in *Social Science Journal*, Vol. 31, 2, pp. 139-152, 1994 (with S. Hudson and S. Vallabhan).
- "A Question of Values: Conservatives and the Culture of Poverty," in *Social Justice Research*, Vol. 2, 4, pp. 235-248, 1989.
- "Social Distance among Racial and Ethnic Groups in Texas," in *Social Science Quarterly*, Vol. 70, 3, pp. 607-616, 1989 (with J. Dyer and S. Worchel).
- "Who are the Japan Bashers: Evidence from National Surveys 1974-1985," in *Sociological Spectrum*, Vol. 8, pp. 407-416, 1988 (with V. Keith and J. Alston).
- "Higher Education Policies and Economic Growth in the American States," in *Economic Development Quarterly*, Vol. 2, 1, pp. 78-87, 1988 (with B. Jones).
- "New Voters, Switchers and Political Party Realignment in Texas," in *Western Political Quarterly*, Vol. 41, 1, pp. 155-167, 1988 (with J. Dyer and D. Hill).
- "Does Heavy Turnout Help Democrats in Presidential Elections?" in *American Political Science Review*, Vol. 80, 4, pp. 1291-1298, 1986 (with H. J. Tucker).
- "Voter Registration Drives and Black Voting in the South," in *Journal of Politics*, Vol. 47, 2, pp. 643-651, 1985.

- "Bureaucratic Response to Citizen Contacts: Neighborhood Demands and Administrative Reaction in Dallas," in *Journal of Politics*, Vol. 46, 4, pp. 1207-1216, 1984 (with J. Dyer).
- "Are Special Elections Really Special: Phil Gramm and the Special Congressional Election of 1983," in *Texas Journal of Political Studies*, Vol. 5, 2, pp. 36-48, 1983 (with D. Hill).
- "The Relevance of Indirect Indicators in Assessing Constituency-Legislative Linkage: Gun Control 1968 and 1972," in *Political Methodology*, Vol. 9, 2, pp. 159-170, 1983.
- "The Impact of College Education on Political Attitudes and Behavior: A Reappraisal and Test of the Self-Selection Hypothesis," in *Social Science Quarterly*, Vol. 64, 1, pp. 145-153, 1983.
- "Community Segregation, Electoral Structure and Minority Representation," in *Social Science Quarterly*, Vol. 63, 4, pp. 729-736, 1982 (with C. Johnson).
- "The Dynamics of Black Political Organization in the Urban South," in *Western Journal of Black Studies*, Vol. 6, 2, pp. 66-72, 1982 (with R. Murray).
- "Recreational Activity Clustering Among Adolescents," in *Research Quarterly for Exercise and Sport*, Vol. 52, 4, pp. 449-457, 1981 (with J. Crompton and C. Lamb).
- "Voting and Contacting: Two Forms of Political Participation in a Suburban Community," in *Urban Affairs Quarterly*, Vol. 15, 1, pp. 31-48, 1980 (with E. Veblen).
- "Politics and the Black Church in a Southern Community," in *Journal of Black Studies*, Vol. 10, 3, pp. 367-375, 1980 (with J. Alston and C. Pinkele).
- "Citizens' Contacts with Local Governments: A Comparative View," in *American Journal of Political Science*, Vol. 24, 1, pp. 50-67, 1980 (with J. Dyer and R. Durand).
- "Age and Sex Differences among Adolescent Participants in Nine Outdoor Recreation Activities," in *Research Quarterly*, Vol. 50, 4, pp. 589-598, 1979 (with J. Crompton and C. Lamb).
- "Party Voting in Lower Level Electoral Contests," in *Social Science Quarterly*, Vol. 59, 4, pp. 752-757, 1979 (with R. Murray).
- "Racial Voting Patterns in the Urban South," in *The Annals of the American Academy of Political and Social Science*, Vol. 439, pp. 29-39, 1978. (with R. Murray).
- "Race, Socioeconomic Status, and Voting Participation in Major Southern Cities," in *Journal of Politics*, Vol. 39, 2, pp. 448-456, 1977 (with R. Murray).
- "Sex Differences in Political Attitudes and Behavior: The Case for Situational Factors," in *Journal of Politics*, Vol. 39, 2, pp. 448-456, 1977 (with K. Tedin and D. Brady).
- "Citizen-Local Governmental Communication Patterns," in *Texas Town and City*, 1976 (with C. Lamb and W. Pride).
- "Factors Affecting the Attitudes of Black High School Students toward 'Freedom-of-Choice' School Desegregation," in *The Negro Educational Review*, Vol. 26, 1, pp. 37-41, 1975.
- "The Affinity of Negro Pupils for Segregated Schools: Obstacle to Desegregation," in *Journal of Negro Education*, 60, pp. 313-321, 1971. Reprinted in *Urban Education*, revised edition, edited by R. Heidenreich. Arlington: College Readings, Inc., pp. 228-236, 1972 (with J. Bolner).

Chapters in Books

- "Assessing Public Support for Government Policy: Comparing Experimental and Attitudinal Approaches." In *Experiments in Public Administration Research: Challenges and Contributions*,

edited by S. Jilke, O. James, and G. Van Ryzin. New York: Cambridge University Press, in press (with S. E. Robinson and J. W. Stoutenborough).

- "Collaborative Approaches to Watershed Management." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, edited by P. Sabatier, et al. Cambridge: MIT Press, 2005, pp. 3-21 (with M. Lubell, P. Sabatier, W. Focht, Z. Trachtenberg and M. Matlock).
- "Citizen Participation and Representation in Collaborative Engagement Processes." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, edited by P. Sabatier, et al. Cambridge: MIT Press, 2005, pp. 138-169 (with C. Samuelson, G. Whitten, M. Matlock, L. Alston, T. Peterson and S. Gilbertz).
- "Conclusions and Recommendations." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, edited by P. Sabatier, et al. Cambridge: MIT Press, 2005, pp. 261-296 (with M. Lubell, P. Sabatier, W. Focht, Z. Trachtenberg and M. Matlock).
- "Party Identification and Public Opinion, 1984-1994: Toward a More Competitive Two Party System." In *The Norton Texas Reader*, edited by A. Champagne and E. J. Harpan. New York: W.W. Norton, 1997, pp. 113-128 (with J. Dyer and J. Leighley).
- "Higher Education, Business Creation, and Economic Growth in the American States." In *Higher Education and Economic Development*, edited by W. Becker and D. Lewis. Boston: Kenner Academic Publishing, 1993, pp. 163-176 (with B. Jones).
- "The Changing Texas Voter." In *The South's New Politics*, edited by D. Brodsky and R. Swansborough. Columbia: University of South Carolina Press, 1988, pp. 38-53 (with J. Dyer and D. Hill).
- "Welfare Terminations and Benefit Reductions: What Program Recipients Can Tell Policy Planners." In *Applied Poverty Research*, edited by S. Sachs and R. Goldstein. Rowman and Allanheld, 1984, pp. 138-147 (with J. Alston).
- "The State as an Investor in Growth: The Role of Public Expenditure for Higher Education." In *Science and Technology Indicators for Texas*, edited by D. Haynes and J. Kellough. College Station: Texas A&M University, 1988, pp. 42-54 (with B. Jones and D. Haynes).
- "Higher Education and the New American Economy." In *The New Texas*, edited by F. Williams. Austin: The University of Texas, 1987 (with B. Jones and M. Beardsley).

Convention Papers

- "Government Competency and Nonprofits: Testing Moderating Effect on Citizens 'Coproduction Motivation.'" ARNOVA 2023, November 2023, Orlando Florida (with Hwang and Lee).
- "Issue Salience, Factual Knowledge, and Citizen Coproduction Preferences of Public Environmental Health." 2023. Midwest Political Science Association, Chicago, April 13-16 (with Liu and Dvir).
- "Are Co-Producing Citizens Privileged?" 2022. Presented at ARNOVA 2022 (with Hwang, Lim and Mostafavi).
- "The Multidimensionality of Citizen Satisfaction: A Conjoint Analysis Approach." 2022. Presented at APPAM, November, Washington DC (with Dvir and Geva).
- "General Science-Technology Orientations, Specific Benefit-Risk Assessment Frame, and Public Acceptance of Gene Drive Biotechnology." Presented at Midwest Political Science Association, Chicago, April 6-10, 2022.

- “Understanding Terrorism Policy Preferences through Bayesian Model Averaging and Multiple Imputation.” Paper presented at the Annual Meeting of the Southern Association for Public Opinion Conference, October 1, 2020 (with Brittany Alexander).
- “Risk Perceptions of the Lone Wolf Terrorism Events: Accuracy, and the Hindsight Bias, the Recollection Bias, and the Bias Illusion.” Paper presented at the Annual Meeting of the Institute for Operations Research and the Management Science (INFORMS), November 8-11, 2020, (with Jeryl Mumpower, X. Liu and Kent Portney).
- “How Social Capital Shapes Citizen Willingness to Co-Invest in Public Service: The Case of Flood Control.” Paper presented at the 4th International Conference on Public Policy, International Public Policy Association, Montreal, Canada, June 25-28, 2019 (with X. Liu and Y. Zhang).
- “Issue-Specific Knowledge and Willingness to Coproduce: The Case of Public Security Services.” Paper presented at the 7th Annual Conference of the International Institute of Administrative Sciences Study Group on Coproduction of Public Services, Leuven, Belgium, May 27-28, 2019 (with X. Liu and Y. Zhang).
- “The Effect of Environmental Hazards on Attitudes and Behaviors about Water Management: A Multilevel Analysis.” Paper presented at the annual meeting of the Southwestern Social Science Association, Austin, TX, April 12–15, 2017 (with B. Hannibal).
- “Bureaucratic expertise, overconfidence, and policy choice.” Presented at the International Symposium on Governance Innovation: Theory and Practice, Beijing, China, October 19-21, 2016. (with X. Liu and J. W. Stoutenborough).
- “Political Ideology and the Invisible Environment: A Multi-Level Analysis of Biophysical Impacts on Individual Behaviors and Attitudes.” Presented at the 111th annual meeting of the American Sociological Association, Seattle, WA, August 20-23, 2016. (with B. Hannibal)
- “Cognitive Awareness of the Food-Energy-Water Nexus: Ideological and Policy Perspectives.” 112th annual meeting of the American Political Science Association, Philadelphia, PA, September 1-4, 2016. (with K. Portney, B. Hannibal, C. Goldsmith, P. McGee, and X. Liu)
- “Cognitive Awareness of the Water-Energy-Food Nexus in the US: Public Attitudes among the American People.” 111th annual meeting of the American Sociological Association, Seattle, WA, August 20-23, 2016. (with K. Portney, B. Hannibal, C. Goldsmith, P. McGee, and X. Liu).
- “Local Issue Severity and Ideological Worldviews: Motivated Reasoning in the Case of Water Scarcity,” presented at the eighty-seventh annual meeting of the Southern Political Science Association, San Juan, Puerto Rico, January 7-9, 2016 (with D. Switzer).
- “Framing and Policy Support for Hydraulic Fracturing: A Survey Experiment,” presented at the seventy-third annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 16-19, 2015 (with J. Bullock).
- “Public Opinion, Climate Change, and Extreme Weather Events: Does the Public Believe Climate Science Predictions?” presented at the seventy third annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 16-19, 2015 (with J. Stoutenborough, K. Kirkpatrick and A. Vedlitz).
- “Scientists’ Views and Stands on Global Warming and Climate Change: A Content Analysis of Congressional Testimonies,” presented at the Seventh International Conference on Climate Change: Impacts and Responses and the Climate Change, Vancouver, British Columbia, April 10–11, 2015 (with X. Liu, J. Stoutenborough and S. Robinson).

- "Energetic Women: Evaluating STEM Initiatives on Women's Energy Knowledge." presented at the annual meeting of the Western Political Science Association, Las Vegas, NV, April 2-4, 2015 (with J. Stoutenborough, K. Lange, K. Kirkpatrick, and A. Vedlitz).
- "Energetic Women: Evaluating STEM Initiatives on Women's Energy Knowledge," presented at the Gender and Sexuality in Everyday Life Conference, Pocatello, Idaho, March 5-6, 2015 (with K. Kirkpatrick, K. Lange and J. Stoutenborough).
- "Framing and Policy Support for Hydraulic Fracturing: A Quasi-Experiment," presented at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, January 15-17, 2015 (with J. Bullock).
- "Perceived Risk, Uncertainty, and Policy Preferences on Hydraulic Fracturing," presented at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, January 15-17, 2015 (with B. Shreck).
- "Who's in Charge? An Examination of Public Opinion on Climate Change Policy Management and Willingness to Pay," present at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, January 15-17, 2015 (with T. Morton).
- "Organizational Trust and Risk Communication: Trust in the EPA and Opposition to Fracking," presented at the European Group for Public Administration Conference, Speyer, Germany, September 8-9, 2014 (with S. Robinson).
- "Psychometric and Demographic Predictors of Perceived Risk of Climate Change and Preferred Resource Levels for Climate Change Management Programs," presented at the World Conference on Public Administration, Daegu, Korea, June 26, 2014 (with J. Mumpower and X. Liu).
- "In Defense of Informal Discussion as Deliberative Democracy," presented at the annual meeting of the Western Political Science Association, Seattle, Washington, April 17-19, 2014 (with B. Shreck).
- "Blurring the Lines of Scientific Objectivity in the Policy Process: Are Climate Skeptic Portrayals of Climate Scientists as Wild-Eyed Fanatics Accurate?" presented at the 72nd annual conference of the Midwest Political Science Association, Chicago, Illinois, April 3-6, 2014 (with R. Bromely-Trujillo and J. Stoutenborough).
- "Deliberation, Public Discourse, and Opinion on Climate Change," presented at the 72nd annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 3-6, 2014 (with B. Shreck).
- "The Effects of Overconfidence in Complex Domains on Policy Preferences: The Public and Their Understanding of Energy, Climate Change, and Genetically Modified Organisms," presented at the 72nd annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 3-6, 2014 (with J. Stoutenborough, K. Kirkpatrick, and X. Liu).
- "Organizational Trust and Risk Communication: Trust in the EPA and Opposition to Fracking," presented at the annual meeting of the American Political Science Association, Chicago, Illinois, August 29 - September 1, 2013 (with S. Robinson).
- "Knowledge, Risk, and Policy Support: Public Perceptions of Nuclear Power," presented at the 71st annual conference of the Midwest Political Science Association, Chicago, Illinois, April 11-14, 2013 (with J. Stoutenborough and S. Sturgess).

- "Problem Definition and Risk Perceptions: Rethinking the Role of Risk Perceptions on Political Behavior," presented at the 71st annual conference of the Midwest Political Science Association, Chicago, Illinois, April 11-14, 2013 (with J. Stoutenborough).
- "Collective Action and Public Support for Pollution Reducing Energy Policies," presented at the annual meeting of the Western Political Science Association, Hollywood, California, March 28-30, 2013 (with J. Stoutenborough).
- "The Role of Scientific Knowledge in the Public's Perceptions of Energy Technology Risks," presented at the annual meeting of the Western Political Science Association, Hollywood, California, March 28-30, 2013 (with J. Stoutenborough).
- "Policy Diffusion and the Public: Public Preferences Regarding Innovation versus Diffusion," presented at the 84th annual meeting of the Southern Political Science Association, Orlando, Florida, January 3-5, 2013 (with D. Oxley and J. Stoutenborough).
- "Climate Scientists and the Media: Scientists Perceptions of the Accuracy of Climate Change Media Coverage," presented at the annual meeting of the Southern Political Science Association, Orlando, Florida, January 3-5, 2013 (with K. Kirkpatrick and J. Stoutenborough).
- "Public Opinion and Climate-Related Policy Solutions: A Comparison of the Policy Preferences of the Public, Stakeholders and Climate Scientists," presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 12-15, 2012 (with J. Stoutenborough).
- "Information Processing, Focusing Events and the Public Response to Global Climate Change," presented at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, January 8-10, 2009 (with B. Dan Wood).
- "Experts, Legislators and Attentiveness: Cheap Talk and the Policy Process," presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 4-6, 2008 (with J. Rogers).
- "Risk, Stress and Capacity: Explaining Metropolitan Commitment to Climate Protection," presented at the annual conference of the Association of Collegiate Schools of Planning, Milwaukee, Wisconsin, October 18-21, 2007 (with H. Grover, S. Zahran and S. Brody).
- "Climate Change Science: A Profile of Climate Scientists' Perspectives," presented at the regional conference of the American Academy for the Advancement of Science, Houston, Texas, April 18-21, 2007 (with S. Rosenberg and D. Cowman).
- "Explaining Local Commitment to Climate Change Policy in the United States," presented at the annual conference of the Association of Collegiate Schools of Planning, Fort Worth, Texas, November 9-12, 2006 (with S. Brody, S. Zahran and H. Grover).
- "Climate Change Vulnerability and Policy Support," presented at the 27th Annual Research Conference of the Association for Public Policy Analysis and Management, Washington, DC, November 3-5, 2005 (with S. Brody and S. Zahran).
- "Collective Action and Citizen Responses to Global Warming," presented at the annual meeting of the Western Political Science Association, Oakland, California, March 17-19, 2005 (with M. Lubell and S. Zahran).
- "Attentive Publics, Mass Publics and Air Quality Policy: Dichotomous and Continuous Approaches," presented at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, January 6-8, 2005 (with S. Zahran).

- "News Media Analysis of Climate Change in Texas: Issue Salience, Issue Attributes and Use of Science," presented at the 26th Annual Research Conference of the Association for Public Policy Analysis and Management, Atlanta, Georgia, October 28-30, 2004 (with X. Liu).
- "Air Quality Improvement Measures in Texas: An Empirical Examination of Attentive Public and Mass Public Orientations," presented at the 25th Annual Research Conference of the Association for Public Policy Analysis and Management, Washington DC, November 6-8, 2003 (with B. Peck, L. Alston and E. Lindquist).
- "The Salado Creek TMDL—a Case Study," presented at the National TMDL Science and Policy Conference, Phoenix, Arizona, November 13-16, 2002 (with M. Matlock, C. Samuelson, G. Whitten, T. Peterson and S. Gilbertz).
- "Swimming Upstream: Collaborative Approaches to Watershed Management," presented at the Healthy Ecosystems-Healthy People International Conference of Ecosystem Health, Washington, DC, June 6-11, 2002 (with M. Matlock, P. Sabatier, M. Lubell, W. Focht and Z. Trachtenberg).
- "'Benefits from Biotechnology' or 'Risks from Genetic Manipulation': Framing Effects, Mental Images and Preferences for Genetically Modified Foods," presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 25-28, 2002 (with H. Jenkins-Smith, C. Silva and G. Whitten).
- "Attitudes toward Bio-Engineered Foods in the United States and Europe: An Exploration," presented at the International Academy for Linguistics, Social, and Behavioral Sciences, Cancun, Mexico, November 15-17, 2001 (with L. Alston and M. Peck).
- "Urban Infrastructure Decision Making: Where Politics and Rationality Collide," presented at the annual meeting of the American Political Science Association, Washington, DC, August 31 – September 3, 2000; revised and expanded version presented at annual conference of the Association for Public Policy Analysis & Management, Seattle, Washington, November 2-4, 2000 (with E. Lindquist).
- "Innovation and Implementation in Health Care Policy: An Examination of Public Entrepreneurs," presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 26-30, 2000 (with W. Mack).
- "Implementation of 'Quality Improvement in Work Groups: A Study of Structural and Communication Process Explanations in a Managed Care Setting,'" presented at the International Communication Association, San Francisco, California May 1999 (with S. Poole et al.).
- "The Role of Forgiveness in Intergroup Conflict Resolution," presented at the 24th International Congress of Applied Psychology, San Francisco, California, August 9-14, 1998 (with N. Canzoneri and N. Geva).
- "Group Identity, Government Contacting and Political Participation: A Latino Perspective," presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 23-25, 1998 (with J. Leighley and R. Wrinkle).
- "Religion and Socio-Political Attitudes in Quebec, English Canada, and the United States," presented at the annual conference of the American Council for Quebec Studies, Quebec City, Canada, October 17-20, 1996 (with J. Alston).
- "Political Leadership and Failures: An Experimental Analysis," presented at the annual meeting of the International Society of Political Psychology, Vancouver, Canada, June 30-July 3, 1996 (with N. Geva).

- "Contrasting Explanations of Political Participation among Whites, African-Americans, Mexican-Americans and Asian-Americans," presented at the annual meeting of the Western Political Science Association, San Francisco, California, March 14-16, 1996 (with J. Leighley).
- "Comparing Canadian and American Values: New Evidence from National Surveys," presented at the annual conference of the Association for Canadian Studies in the United States, November 17, 1995 (with J. Alston and T. Morris).
- "Group-Based Conflict and the Use of Politics to Seek Group/Individual Advantage," presented at the 5th International Conference on Social Justice Research, University of Nevada, June 1995.
- "Group Identification and Political Behavior: Contrasts among African-Americans, Mexican-Americans and Asian Americans," presented at the annual meeting of the American Political Science Association, New York, New York, September 1-4, 1994 (with J. Leighley).
- "Economic Growth is not Enough," presented at the International Seminar on Comparative Urban Research, Bristol, England, July 11-13, 1994 (with B. Jones).
- "Psychological and Participatory Incorporation in Urban Politics," presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 14-17, 1994 (with B. Jones).
- "Individual Vulnerability and Views of the Ingroup and Outgroup in the European Community," presented at the InterAmerican Congress of Psychology, San Jose, Costa Rica, July 7-11, 1991.
- "Ethnic Group Identification and Political Orientations: A Detailed Look at `Polar Effect,'" presented at the annual meeting of the Midwest Political Science Association, Chicago, Illinois, April 1990.
- "Social Distance and the Potential for Political Relations among Ethnic Groups," presented at the annual meeting of the International Society for Political Psychology, Tel Aviv, Israel, June 1989 (with S. Worchel and J. Dyer).
- "A Question of Values: Conservatives and the Culture of Poverty," presented at the International Conference on Society and Social Problems, Leiden, Netherlands, July 1988.
- "The Potential for Minority Coalition Building," presented at the annual meeting of the Southern Political Science Association, November 1986 (with J. Dyer).
- "Stability and Change in Americans' Attitudes toward Three Nations: 1974-1983," presented at the annual meeting of the International Society of Political Psychology, Amsterdam, Netherlands, June 1986 (with J. Alston).
- "Party Transformation in Texas," presented at the annual meeting of the American Political Science Association, September 1985 (with J. Dyer and D. Hill).
- "What Happens When the Assistance Is Cut Off? An Analysis of AFDC Client Terminations and Benefit Reductions," presented at the annual meeting of the Society for the Study of Social Problems, August 1979 (with J. Alston).
- "The Life Cycle of Black Political Organizations: A Study of Voter Groups in Five Southern Cities," presented at the Citadel symposium on Southern Politics, February 1978 (with R. Murray).
- "Black-White Voter Coalitions in Major Southern Cities," presented at the annual meeting of the Southern Political Science Association, November 1976. (with R. Murray).
- "Political Campaign Finance in Texas," presented at the annual meeting of the Southwestern Political Science Association, April 1976 (with B. Robeck).

"Corruption and Reform in Texas Politics," presented at the annual meeting of the Western Political Science Association, April 1976 (with B. Robeck).

"Patterns of Political Participation in Five Southern Cities," presented at the annual meeting of the Midwestern Political Science Association, May 1975 (with R. Murray).

"Family, Higher Education, and Post Adolescent Political Orientations," presented at the annual meeting of the Southwestern Political Association, March 1975.

"Political Organization in Deprived Communities: Black Electoral Groups in Houston, Dallas and New Orleans," presented at the annual meeting of the American Political Science Association, September 1974 (with R. Murray).

Articles Submitted for Review

"Investigating the Determinants and Effects of Local Drought Knowledge," under revise and resubmit with *Weather, Climate, and Society* (with D. Switzer).

"The Politics of Science Policy: How (In)Attentive Voters View Scientific Experts and Legislators," under review with *Social Science Research* (with J. Rogers).

"Social Capital and the Environment: The Effect of Interpersonal Communication on Climate Change Knowledge and Policy," under review with *Sociological Inquiry* (with B. Hannibal).

EXTERNAL RESEARCH GRANTS AND CONTRACTS

Grants

NSF Convergence Accelerator 5-G. 2022-2023. \$750,000. Co-PI.

NSF Sustainable Regional Systems Research Network Planning Grant. \$150. Co-PI.

NIH Pilot Grant—Austin Householder Study #2. \$50,000. PI.

NIH TiCER Center for Environmental Health. 2019-present. \$7,500,000. Co-PI.

Texas Commission on Environmental quality. Texas One Gulf Study of the Coastal Bend. 2019 – 2020. \$750,000. Co-PI.

National Science Foundation. Critical Resilient Infrastructure Program (CRISP). 2019 – present. \$2,000,000. Co-PI.

USDA. Gene Drive Applications to Agriculture in Texas: Knowledge, Perception and Values. 2018 – present. \$500,000. Co-PI. Became PI in September, 2020.

National Science Foundation. Assessment of Risks and Vulnerability in Coupled Human-Physical Networks of Houston's Flood Protection, Emergency Response, and Transportation Infrastructure in Hurricane Harvey. 2016-2018. \$189,000. Co-PI

National Science Foundation. Risk Perception, Threat, and Anxiety Decay in Lone-Wolf Terrorist Events in the US. 2016-2017, \$186,016. Co-Principal Investigator.

National Institutes of Health, National Center of Excellence in Environmental Health Science. 2014-2018, \$4 million. Co-Director of Community Outreach Engagement Core.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Texas Sea Grant. Texas Public Survey to Inform Water Policy. 2012-2014, \$36,625. Co-Principal Investigator.

National Science Foundation. Industry University Cooperative Research Center on Plug-in Hybrid Electric Vehicles. 2010- Present. Co-Principal Investigator.

National Science Foundation. PHE/EBV Transportation and Electricity Convergence. 2010-2014, \$40,000. Co- Principal Investigator.

Texas Department of Transportation and Texas Commission on Environmental Quality. Evaluation of the “Drive Clean across Texas Air Quality Education Program.” 2010-2011, \$105,000. Principal Investigator.

National Science Foundation/Defense Nuclear Deterrence Office. A Framework for Developing Novel Detection Systems Focused on Interdicting Shielded HEU. 2007-2012, \$7.2 million. Co-Principal Investigator.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Weather Service. Climate Change, Drought and Policy Making in the U.S. Southern Region. 2005-2008, \$760,000. Principal Investigator.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration. Use of Scientific Information on Climate Change/Variability on Decision-Making and the Public Policy Process (Phase 2). 2004-2007, \$940,000. Principal Investigator.

U.S. Department of Commerce, National Oceanic and Atmospheric Administration. Use of Scientific Information on Climate Change/Variability on Decision-Making and the Public Policy Process (Phase 1). 2003-2005, \$940,000. Principal Investigator.

U.S. Environmental Protection Agency. Use of Science in Gulf of Mexico Decision-Making Involving Climate Change. 2002-2005, \$1,500,000. Principal Investigator.

Texas Department of Transportation and Texas National Resources Conservation Commission. Designing a Campaign for Reducing Air Pollution in Texas. 2001, \$60,000. Principal Investigator.

Texas Natural Resources Conservation Commission. Designing an Effluent Trading Program for Texas. 1999, \$84,000. Principal Investigator.

National Science Foundation. Exploring the Interface of Urban Decision Dynamics and Infrastructure Knowledge. 1999-2001, \$337,000. Co-Principal Investigator.

U.S. Environmental Protection Agency. Development of an Urban Watershed Rehabilitation Method Using Stakeholder Feedback to Direct Investigation and Restoration Planning. 1998-2001, \$900,000. Senior Research Scientist.

Texas Agricultural Experiment Station. Ecological Impact of Commodity Price Support Reduction. 1998-99, \$80,000. Co-Principal Investigator.

National Science Foundation. Adoption and Implementation of Quality Programs at the Work Unit Level. 1997-1999, \$204,000. Co-Principal Investigator.

Scott and White Hospital Research Grants. A Multiphase Trial of an Inexpensive Desktop Teleconferencing System. 1998-1999, \$50,000. Co-Principal Investigator.

TAMU Interdisciplinary Research Initiatives Program. Protection of Surface and Ground Water Quality. 1998-1999, \$25,000. Co-Principal Investigator.

U.S. Agency for Health Care Policy and Research. Telemedicine in Rural Communities. 1995-1997, \$947,000. Co-Principal Investigator.

U.S. Department of Education. Eisenhower Leadership Program. 1993-1996, \$121,000 (year 1), \$127,000 (year 2). Principal Investigator.

TAMU College of Architecture. Social Services and Economic Development in the Texas Colonias. 1992, \$12,000. Co-Principal Investigator.

U.S. Department of Health and Human Services. Telecommunications and Rural Health. 1992, \$9,000. Principal Investigator.

Canadian Government. Higher Education and Economic Development in Canada and the United States. 1991, \$8,000. Co-Principal Investigator.

U.S. Department of Housing and Urban Development Grant #H2196R, Small City Urban Observatory. A \$250,000 project where researchers in a variety of disciplines worked with a Texas city to help improve that city's operations, management, and citizen participation. Director of the project on the study of "Suburban Governmental Action and Citizen Support in a Metropolitan Environment," 1975.

U.S. Department of Housing and Urban Development Grant #2182R, Community Development Assistance Project with Texas Cities. A \$300,000 project where individual faculty researchers in specific disciplines worked on projects with Texas cities to improve those cities' managerial operations. Director of the project on "Public Information and Citizen Feedback," 1975.

Contracts

U.S. Department of Health, Education, and Welfare contract #R6-85,78, design, research, analysis, and training consultant for the nation-wide assessment of the Social Security Disability Program.

U.S. Department of Health, Education, and Welfare contract #R6-274-78, design, research, and analysis consultant for the nation-wide evaluation of the AFDC Program.

U.S. Department of Health, Education, and Welfare contract #140-79-006, design, research, and analysis consultant for the nation-wide study of Social Security services to the public.

U.S. Department of Health, Education, and Welfare contract #HEW-ASD-79-6, design and analysis consultant on the nation-wide study of the Post-Secondary Vocational Education Program.

U.S. Department of Health, Education, and Welfare contract #R6-14-80, design, research, analysis, and training consultant for the nation-wide assessment of the Medicaid Program.

U.S. Department of Health, Education, and Welfare contract #RF-0093-SDA-80, design, research, analysis, and training consultant for the nation-wide evaluation of the enforcement efforts of the office of Civil Rights.

U.S. Department of Health and Human Services contract #6-23720-81, design, research, analysis and training consultant for the nation-wide assessment of governmental programs dealing with teenage alcohol abuse and related problems.

Additional research and consultative relationships with the Texas Lieutenant Governor's Office, the Texas Secretary of State's Office, the Texas Legislative Council, the Texas Department of Community Affairs, the Texas Commission on Economy and Efficiency in State Government, the Texas Municipal League, the Arkansas Department of Energy, numerous Texas cities and ICF.

OTHER RESEARCH RELATED EXPERIENCE

Gulf Universities Consortium on Air Pollution, 1973-1976.

Research Associate, Department of Environmental Health, University of Texas School of Public Health, Summer 1973.

PROFESSIONAL SERVICE ACTIVITIES

Editor, APSA Urban Section Newsletter. 1993-1996

Board Member, APSA Urban Section. 1993-1996

Manuscript Reviewer

American Political Science Review

American Journal of Political Science

Journal of Politics

Policy Studies Journal

Journal of Public Policy

Western Political Quarterly/Political Research Quarterly

Social Science Quarterly

Review of Policy Research

Urban Affairs Quarterly/Urban Affairs Review

American Politics Quarterly/American Politics Review

Environmental Science and Policy

Population and Environment

Political Behavior

State and Local Government Review

Legislative Studies Quarterly

Administration and Society

Climatic Change

Journal of Environmental Planning and Management

Risk Analysis

Energy Policy

Environmental Management

Water Resources Management

Risk, Hazards & Crisis in Public Policy

Natural Hazards Review (ASCE)

Natural Hazards Journal

Rural Sociology

Nationalism and Ethnic Politics

Social Science Journal

Local Environment Journal
Sociological Spectrum
Southeastern Political Review
International Journal of Engineering Education
Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources

Grant Reviewer

National Oceanic and Atmospheric Administration
National Science Foundation
Environmental Protection Agency
National Endowment for the Humanities

Professional Memberships

American Political Science Association
Midwest Political Science Association
Southern Political Science Association
Policy Studies Organization

NATIONAL, STATE, UNIVERSITY, AND COMMUNITY SERVICE

2021 to present Member, Bush School P&T Committee
2022-present Member, Bush School Curriculum Review Committee
2022-2023 Member, President's Excellent Fund Advisory Committee
2023 Chair, Homeland Security/Emergency Management Search Committee
2022-present Member, Capstone Evaluation Committee
2021 to present Member, Institute for a Disaster Resilient Texas Advisory Committee
2020 to present Member, President's Excellent Fund Advisory Committee
2020 to present Member, TAMU University Research Committee Livable Texas Working Group
2019 to present Member, School of Innovation Faculty Advisory Committee
2018 to present Member, Internal Faculty Advisory Board, Center for Population Health and Aging, TAMU School of Public Health
2018 to present Member, Internal Academic Advisory Board, Texas A&M Center for Population Health and Aging
2017 to 2019 Chair, Bush School P&T Committee

2016 to present Member, Center for Remote Health Technologies and Systems, Texas A&M Engineering Experiment Station
2015 to present Member, Faculty Steering Committee, Texas A&M Energy Institute

2015 to present Member, Texas OneGulf Center of Excellence

2015 to present Member, Leadership Team, WEF Nexus Initiative, TAMU

2015 to present Member, Internal Advisory Board, Center for Translational Environmental Health Research

2015 to 2017 Member, Review Committee, TOP Proposals

2015 to 2017 Member, Oversight Committee, PESCA Grant Proposals

2015 to present Member, Advisory Committee, NOAA Gulf Restore

2015 to 2017 Member, Howard Buffet Chair Advisory Board

2014 to 2017 Member, Advisory Board for Conflict & Development Center

2014 to present Member, PSAA Promotion & Tenure Committee

2013 to 2014 Chair, Department of International Affairs Search

2013 to 2014 Co-Chair, Director Search Committee, TAMU Energy Institute

2013 to 2014 Member, Dean Search Committee, School of Rural Public Health

2012 to 2014 Member, TAMUS Texas Space Institute Task Force

2012 to 2013 Member, Department Head Search Committee, Department of Health Policy and Management, School of Rural Public Health

2011 to 2016 Member, University Research Committee; Chair, Subcommittee on External Relations

2010 to 2011 Member, TAMUS Entrepreneurial Task Force

2010 to 2015 Member, Advisory Board, NSF IUCRC Electric Vehicle Center

2009 to 2010 Member, Search Committee, Dean of Bush School

2009 to 2010 Member, Centers and Institutes Task Force, Texas A&M University

2008 to 2011 Member, Internal Advisory Committee, Scowcroft Institute for International Affairs

2008 to 2010 Member, Houston Galveston Area Council Foresight Panel on Environmental Effects

2007 to present Member, Nuclear Solutions Institute

2007 to 2011 Member, Governing Board, University Transportation Center for Mobility, Texas Transportation Institute, Texas A&M University System

2006 to 2017 Member, Advisory Council for the Center for Transportation Safety, Texas Transportation Institute, Texas A&M University System.

2006 to 2014 Member, Coastal Applied Research and Review Team, Texas A&M University (CARRT)

2006 to 2015 Member, Extended Education Advisory Committee, Bush School, Texas A&M University

2006 to 2007 Chair, Search Committee, Associate Professor and Associate Director ISTPP, Bush School, Texas A&M University

2006 to 2007 Chair, Evaluation Sub-Committee, P&T Committee, Bush School, Texas A&M University

2006 to 2007 Member, Search Committee for Director, Texas Transportation Institute, Texas A&M University System

2005 to 2007 Senator, Texas A&M University Faculty Senate

2005 to 2007 Member, TAMU Faculty Senate Academic Affairs Committee

2005 to 2007 Member, TAMU Faculty Senate Research Committee

2005 to 2006 Member, Texas A&M University Task Force for Hurricane Assistance for Gulf Universities.

2004 to 2014 Member, Qatar Research Advisory Committee, Texas A&M University System

2004 to 2006 Member, Search Committee for professor in Marine Management and Policy, Texas A&M University Galveston

2004 to 2006 Member, Search Committee for Boone and Crocket Chair in Natural Resources Policy, College of Agriculture and Life Sciences Texas A&M University

2004 to 2005 Member, Search Committee for Endowed Chair in Marine Policy, Harte Institute, Texas A&M University Corpus Christi

2004 to 2005 Member, Council on Competitiveness, National Innovation Initiative, Public Sector Working Group, Washington DC

2003 to 2015 Member, Center for Atmospheric Chemistry and the Environment Advisory Board, Texas A&M University

2003 to 2013 Member, Homeland Security Advisory Council, Texas A&M University

2003 to 2004 Member, Integrated Center for Homeland Security Director Search Committee, Texas A&M University

2002 to 2008 Member, Race and Ethnic Studies Institute Board of Advisors. Texas A&M University

2002 to 2004 Member, TAMU Campus Community Campaign Steering Committee

2002 to 2004 Member, Visiting Scholars Program Committee, Texas A&M University

2001 to 2002 Member, Presidential Search Committee, Texas A&M University

2000 2013 Member, Advisory Council, William P. Hobby Center for Public Service, Southwest Texas State University

2000 to 2004 Member, Transportation Asset Management Task Force, U.S. Department of Transportation

1999 to 2009 Member, Texas Sea Grant College Program Advisory Committee

1999 to 2005 Member, University Research Committee, Texas A&M University

1999 to 2003 TAMU Project Director, Education Cost Index Study, State of Texas

1998 to present Board Member, TAMU Energy Institute

1998 to 1999 Chair, Research Infrastructure Committee, Texas A&M University

1998 Member, Provost's Select Committee on University/Agency Research Administration and Indirect Cost Issues

1997 to 2002 Member, Executive Committee, Science and Technology Policy Program, Texas A&M University

1997 to 2002 Member, Board of Advisors, Academy for Future International Leaders, Texas A&M University

1997 to 1998 Chair, Ad Hoc Committee to Study Texas A&M Research Foundation Issues, Texas A&M University

1995 to 1996 Member, Executive Committee, Department of Political Science

1995 Member, Sea Grant Director Search Committee, Texas A&M University

1995 Member, Full Professor Promotion Committee, Department of Journalism

1993 to 1995 Chair, Search Committee, Director of School of Government and Public Service, Texas A&M University

1992 to 2004 Mentor, Leadership in Medicine Program, College of Medicine

1992 to 1993 Member, Research Appointment Policy Committee, Texas A&M University

1991 to 1994 Chair, Dean's Committee on Teaching, College of Liberal Arts, Texas A&M University

1991 to 1994 Chair and/or member, Teaching Committee, Department of Political Science

1991 to 1993 Member, Arts Council of Brazos Valley, Children's Advisory Committee

1991 to 1993 Member, Council of Principal Investigators, Texas A&M University

1991 to 1992 Vice-Chair, Council of Principal Investigators, Texas A&M University System

1991 to 1992 Member, President's Task Force on Research Administration, Texas A&M University

1991 to 1992 Member, Institutional Self-Study Committee on Fiscal Resources, Texas A&M University

1991 to 1992 Member, Organized Research Task Force, Texas Coordinating Board for Higher Education

1991 to 1992 Member, Executive Committee, Department of Political Science

1990 to 2011 Member, Advisory Council, Center for International Business Education and Research, Texas A&M University

1990 to 1991 Chair, Dean Search Committee, Brazos Valley School of Math and Science

1990 to 1991 Member, Organized Research Task Force, Texas Coordinating Board for Higher Education

1990 to 1991 Member, Enrollment Research Task Force, Texas A&M University

1989 to 1991	Member, Texas A&M-Bryan Independent School District Science and Math Magnet School Task Force
1989 to 1990	Chairman, Enrollment Research Task Force, Texas A&M University
1988 to 1991	Member, Board of Directors, Institute for Pacific Asia
1988 to 1990	Member, Advisory Board, Brazos Valley Business Job Training Alliance
1988 to 1989	Chairman, Texas A&M University, Dean of Education Search Committee
1988 to 1989	Member, Incentive and Initiative Program Task Force, Texas A&M University
1988	Member, Texas Legislative Task Force on Education and Industry
1987 to 1990	Member, Board of Advisors, Institute for Innovation and Design in Engineering
1987 to 1988	Chairman, Texas A&M University, Director of Educational Broadcasting Services Search Committee
1986 to 1988	Member, Board of Advisors, Knowledge-Based Systems Advisory Council, Texas A&M University
1983 to 1988	Member, Board of Advisors, Texas A&M University Center for Energy and Mineral Resources
1983 to 1984	Vice-Chairman, Texas A&M University Urban Affairs Study Committee
1983 to 1984	Member, Texas A&M University, ad hoc Committee on Patents and Publications
1983 to 1984	Member, Texas A&M University Associate Provost for Research Search Committee
1983 to 1984	Member and Project Director, Joint Texas A&M - Texas Tech Steering Committee for the State of Texas Satellite Communications Project
1982 to 1983	Chairman, Research Committee, Texas A&M University Institutional Self Study
1982 to 1983	Chairman, Texas A&M University ad hoc Committee on Centers and Institutes
1981 to 1988	Member, Texas A&M University Research Council
1977 to 1985	Member, Texas A&M University, Human Resources Research Advisory Committee