

ANAND DESAI

Evaluation and Assessment Capability
Office of the Director/Office of Integrative Activities
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
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John Glenn College of Public Affairs
Ohio State University
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Columbus, OH 43210
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EMPLOYMENT

Administrative appointments

- 2015 – Section Head, *Evaluation and Assessment Capability*, National Science Foundation (NSF).
- Member of the Federal Senior Executive Service and inaugural Head with responsibility for establishing a Foundation-wide evaluation and assessment unit.
 - Responsible for the unit's budget and roadmap.
 - Selected and supervise evaluators, statisticians, a data scientist, and administrative support staff to conduct evaluative inquiry, manage evaluation contracts, and facilitate the strategic use of evidence for organizational learning and performance improvement.
 - Enhanced an evidence-based culture of agenda-setting, strategic decision-making, and policy action across NSF.
 - Collaborated on improving data quality and access and making text and numerical data analysis and visualization tools more readily available for use by all NSF staff.
 - Member of the Steering Group for *Renewing NSF* which is the Foundation's implementation of the Government Reform and Reorganization plan.
 - Represent NSF on Federal interagency and international working groups.
- 2009 – 2012 Director, Doctoral Program, *John Glenn School of Public Affairs*, Ohio State University.
- Managed the School's doctoral program.
 - Responsibilities included student recruitment, annual assessment, and academic and career advising.
- 2005 – 2007 Interim Director, *John Glenn School of Public Affairs*, Ohio State University.
- Academic and administrative head reporting to the University Provost.
 - Developed a five-year roadmap and budget for what subsequently became the John Glenn College of Public Affairs.
- Interim Director, *School of Public Policy and Management*, Ohio State University.
- Academic and administrative head reporting to the College Dean.
 - Shepherded (with support from Senator John Glenn, the University Provost, and President) the merger of an academic and a public service unit to create the John Glenn School of Public Affairs.
- 1994 – 1996 Associate Director, *School of Public Policy and Management*, Ohio State University.
- Managed the School's doctoral program.
 - Responsibilities included student recruitment, annual assessment and academic and career advising.

Academic appointments

- 2007 – Professor, *John Glenn College of Public Affairs*, Ohio State University.
- 2013 (Fall) Visiting Scholar, *Robert F. Wagner Graduate School of Public Service*, New York University.
- 1994 – Professor (courtesy), *Department of Management Science, Fisher College of Business*, Ohio State University.
- 1992 – 2007 Associate Professor, *School of Public Policy and Management*, Ohio State University.
- 1986 – 1992 Assistant Professor, *School of Public Policy and Management*, Ohio State University.
- 1985 – 1986 Instructor, *School of Public Administration*, Ohio State University.
- 1990 – 2015 Professor, *Environmental Science Graduate Program Faculty*, Ohio State University.
- 1984 – 1985 Lecturer, *Department of Decision Sciences, Wharton School*, University of Pennsylvania.
- 1979 – 1980 Teaching Fellow, *Department of Mathematics*, University of Pennsylvania.

Other research and administrative activity

- 2008 – 2014 Evaluator, *Comprehensive Equity at Ohio State*, Ohio State University.
- Managed the evaluation of an NSF-funded project to expand the recruitment, retention, and promotion of women faculty members in the Science, Technology, Engineering, and Mathematics disciplines.
- 2006 – 2008 Principal Investigator and Project Director, *Evaluator for TANF demonstration program*, Ohio State University.
- Assisted county officials develop research proposals, developed an evaluation framework, and evaluated forty social services demonstration projects funded by the State of Ohio.
- 1988 – 1989 Consultant, *Planning Commission*, Government of India.
- Conducted a performance study of electricity generation plants in India.

EDUCATION

- 1986 Ph.D. (Public Policy Analysis) *University of Pennsylvania*, USA
Extensions to measures of relative efficiency with an application to educational productivity.
- 1980 M.S. (Operations Research) Wharton School, *University of Pennsylvania*, USA
- 1977 Statistical Laboratory, *University of Cambridge*, UK.
- 1976 B.Sc. (Honors in Mathematical Statistics and Mathematics) *University of Leicester*, UK.
- 1973 B.Sc. (Honors in Mathematics) *University of Delhi*, India.

PUBLICATIONS

Books

- A Desai (ed.) *Simulation for policy inquiry*. New York, NY: Springer. 2012
- PJ Balint, RE Stewart, A Desai, and LC Walters. *Wicked Environmental Problems: Managing Uncertainty and Conflict*. Washington, DC: Island Press. 2011.

Select Book Chapters

- L Frazier and A Desai. "Hiking across the rugged landscape of human health" in K Vaidya (ed.) *Health Informatics for the Curious: Why Study Health Informatics?* 2015: 121-127. Singapore: Curious Academic Publishing.
- A Desai and K Harlow. "Evidence for policy inquiry" in *Policy Informatics Handbook*, E Johnston (ed.) 2015:45-61. Oxford, UK: Routledge.
- A Desai, "Public policy inquiry and simulations" in *Simulation for Policy Inquiry*, A Desai (ed.) 2012:1-16. New York, NY: Springer.
- A Eckerd, P Lufkin, B Mattimore, J Miller, and A Desai "Simulating life cycle costs for nuclear facilities" in *Simulation for Policy Inquiry*. A. Desai (ed.) 2012:101-120. New York, NY: Springer.
- P Lufkin, R Hightower, D Landsbergen, and A Desai "Simulating the multiple impacts of deferred maintenance" in *Simulation for Policy Inquiry*, A. Desai (ed.) 2012:161-180. New York, NY: Springer.
- J Ramanathan, R Ramnath, and A Desai "Adaptive IT architecture as a catalyst for network capability in government" in *Advances in Government Enterprise Architecture*, Pallab Saha (ed.) 2008:149-161. Singapore: Information Science Reference.
- Y Chang and A Desai. "Local control, local capacity and regulatory effectiveness" in *Creating Sustainable Community Programs*, Mark Daniels (ed.) 2001:176-191, Westport CT: Praeger.
- A Desai, K Haynes, and JE Storbeck. "A spatial efficiency framework for the support of locational decisions," in *Data Envelopment Analysis: Theory, Methodology and Applications*, A. Charnes, W. W. Cooper, A. Lewin and L. Seiford (eds.) 1995:235 - 252, Boston: Kluwer Academic Press.
- MJ Feuer, HA Glick, and A Desai. "Firm-financed education and specific human capital: A test of the insurance hypothesis," in *Market failure in training? New economic analysis and evidence on training of adult employees*, David Stern and Josef M.M. Ritzen (eds.) 1991:41-59. New York: Springer-Verlag.

Select Refereed Journal Articles

- J Bystydzienski, N Thomas, S Howe, and A Desai. "The leadership role of college deans and department chairs in academic culture change." *Studies in Higher Education*, 42(12), 2301-2315, 2017.
- L McFarland, E Reineke, B Milstein, R Niles, G Hirsch, J Homer, A Desai, D Andersen, R MacDonald, R Irving, and E Cawvey. "NASPAA's student simulation competition: Reforming the US health care system within a simulated environment." *Journal of Public Affairs Education*, 22(3), 363-380, 2016.
- R Heidelberg and A Desai. "Simulation rules," *Administrative Theory & Praxis*, 37(1), 1-17, 2015.
- A Desai and Y Kim. "Policy informatics." *Journal of Policy Analysis and Management*, 34(2), 354-357, 2015.
- N Thomas, J Bystydzienski, and A Desai. "Changing institutional culture through peer mentoring of women STEM faculty." *Innovative Higher Education* 40(2), 143-157 2015
- N Ghaffarzadegan, J Hawley, and A Desai. "Research workforce diversity: The case of balancing national vs. international postdocs in U.S. biomedical research." *Systems Research and Behavioral Science*, 31(2), 301-315, 2014.
- A Desai, RT Greenbaum and Y Kim. "Incorporating policy criteria in spatial analysis." *American Review of Public Administration*. 39(1), 23-42, 2009. Awarded Health Policy Researcher of the Year, 2009.
- A Desai. "Quantitative methods, economics, and OR models." *Journal of Policy Analysis and Management*, 27(3), 640-669, 2008.
- A Desai. "Adaptive complex enterprise." *Communications of the Association of Computing Machinery*, 48(5), 32-35, 2005.

- P Lufkin, A Desai, and J Janke. "Estimating the restoration and modernization costs of infrastructure and facilities." *Public Works Management and Policy*, 10(1), 40-52, 2005.
- RT Greenbaum and A Desai. "Viewing spatial consequences of budgetary policy changes" *Public Budgeting & Finance*, 25, 43-60, June 2005.
- A Desai, SJ Ratick, and AP Schinnar. "Data envelopment analysis with stochastic variations in data." *Socio-Economic Planning Sciences*, 39(2) 147-164, 2004.
- PV Balakrishnan, R Nataraajan, and A Desai. "Consumer rationality and economic efficiency: Is the assumed link justified?" *Marketing Management Journal*, 10(1) 1-11 2000.
- C Weber, J Current, and A Desai. "An optimization approach to determining the number of vendors to employ." *Supply Chain Management*, 5(2) 90-98, 2000.
- C Weber, J Current, and A Desai. "VendOR: A structured approach to vendor selection and negotiation," *Journal of Business Logistics*, 21(1), 135-167, 2000.
- C Weber, J Current, and A Desai. "Non-cooperative negotiation strategies for vendor selection," *European Journal of Operational Research*, 108, 208-223, 1998.
- C Weber and A Desai. "Determination of paths to vendor market efficiency using parallel coordinates representation: A negotiation tool for buyers," *European Journal of Operational Research*, 90, 142-155, 1996.
- PV Balakrishnan, A Desai and JE Storbeck. "Efficiency evaluation of retail outlet networks," *Environment and Planning B: Planning and Design*, 21, 477-488, 1994.
- A Desai. "Data envelopment analysis: A clarification." *Evaluation and Research in Education*, 6(1), 39-41, 1992.
- A Desai and M-B You. "Policy implications from an evaluation of seat belt use regulation." *Evaluation Review*, 16(3), 247-265, June 1992.
- A Desai and LC Walters. "Graphical presentations of data envelopment analysis: Management implications from parallel axis representations." *Decision Sciences*, 22(2), 335-353, 1991.
- A Desai and AP Schinnar. "Technical issues in measuring scholastic improvement due to compensatory education," *Socio-Economic Planning Sciences*, 24, 143-153, 1990.
- A Desai and JE Storbeck. "A data envelopment analysis for spatial efficiency." *Computers, Environment and Urban Systems*, 14, 145-156, 1990.
- A Desai and JE Storbeck. "Characterization of the constraint in successively inclusive location hierarchies." *Environment and Planning B: Planning and Design*, 15, 131-141, 1988.
- A Desai and JS Henderson. "Natural gas prices and contractual terms." *Energy Systems and Policy*, 12, 255-271, 1988.
- MJ Feuer, HA Glick and A Desai. "Is firm sponsored education viable?" *Journal of Economic Behavior and Organization*, 8, 121-136, 1987.

Other select publications

- A Desai "Foreword." *Policy Analytics, Modelling, and Informatics: Innovative Tools for Solving Complex Social Problems*. J Ramon Gil-Garcia, Theresa A Pardo and Luis F Luna-Reyes (eds). New York: Springer. 2017.
- A Eckerd, D Landsbergen, and A Desai. "The validity tests used by social scientists and decision makers." *Proceedings of the 29th International Conference of the System Dynamics Society*, 2011.
- A Desai and Young Bum Lee. "Fairness: values and process." *Proceedings of the Korean Association for Policy Studies International Conference on Fairness in Public Policy: Efficiency, Equity and Beyond*. Seoul, Korea, June 2011.

- S Koundinya, A Desai and R Burns. "Cost Allocation methods for sustainability: lessons from US electric Utility regulation." *Proceedings of the 20th Annual International Conference, International Association of Energy Economics*, 889-898, 1997.
- A Desai and M-B You. "Incentive regulation and the measurement of performance." *Proceedings of the Sixth NARUC Biennial Regulatory Information Conference*, 3, 155-181, 1988.
- TL Saaty and A Desai. "Decision making in fleet administration." *NAFA Bulletin*, April 1979.

SELECT POLICY RESEARCH REPORTS

- A Desai, RT Greenbaum, WD Hayes, AM Rohling, R Cui, M Saksena. Expanding Medicaid in Ohio: County level analysis, Part I & 2, 2013.
- AM Rohling, W. Hayes, S. Dorn, A Desai, R Metamedi, R. Cui, C. Carroll and M. Buettgens. Expanding Medicaid in Ohio: Analysis of like effects. 2013.
- JM Herbers and A. Desai. STEM faculty at Ohio State: Resource allocation and department climate. Ohio State University, Advance Program, April 2012.
- WD Hayes, A Desai, RJ Caswell, JB Silvers. Ohio trends in employer sponsored health insurance. John Glenn School of Public Affairs, Columbus, Ohio. 2011.
- J Bystydzienski, A Desai, S Howe, J Lang, et al. Comprehensive Equity at Ohio State ADVANCE: Mid-Project Research Report December 2010. Ohio State University ADVANCE Program.
- Evaluation Report: Pandemic influenza preparedness project: Rural emergency management system, Centers for Disease Control and Ohio Department of Health. 2009.
- Evaluation Report: Pandemic influenza preparedness project: Distribution of Anti-viral drugs, Centers for Disease Control and Ohio Department of Health. 2009.
- Evaluation Report: Pandemic influenza preparedness project: Vulnerabilities in populations, Centers for Disease Control and Ohio Department of Health. 2009.
- Evaluation Report: Pandemic influenza preparedness project: Mass fatalities, Centers for Disease Control and Ohio Department of Health. 2009.
- A Desai, Y Kim, and RT Greenbaum. Estimating local effects of Medicaid expenditure changes. December 2005
- A Desai, Y Kim, and RT Greenbaum. Estimating the results of reduced Medicaid expenditures. Testimony presented to the House sub-committee on Human Services, Ohio Legislature, March 2005.
- LC Walters, PJ Balint, A Desai, and RE Stewart. Risk and uncertainty in management of the Sierra Nevada National Forests, USDA Forest Service, Sacramento, CA, 2003.
- R Greenbaum and A Desai. Uneven Burden: Economic analysis of Medicaid expenditure changes in Ohio. The Health Foundation of Greater Cincinnati, Cincinnati, Ohio 2003.
- A Desai. Ohio studies of best urban practice: Progress report, Columbus, Ohio. June 1998.
- J Cummings-Saxton, SJ Ratick, A Desai, and H Morehouse Garriga. Pollution prevention frontiers and other approaches to measuring pollution assessment, report to U.S. Environmental Protection Agency, 1994.
- JS Henderson, A Desai, et al. Natural gas producer-distributor contracts: State regulatory issues, The National Regulatory Research Institute, Columbus, Ohio, November 1987.

SELECT RECENT SPONSORED RESEARCH

- 2013 *Gund Foundation, Health Foundation of Greater Cincinnati, and Mt Sinai Health Foundation.*
The effect of ACA on Medicaid expenditures, savings and revenues. Co-PI. \$34,000.
- 2011 – 2013 *National Science Foundation*
The Ohio STEM learning network: A study of factors affecting implementation, spread and sustainability, Co-PI. \$167,850 (Collaboration with University of Chicago)
- 2011 – 2012 *National Science Foundation*
Spurring innovation through advanced data visualization tools: Exploring how to dynamically identify and connect regional STEM assets. Co-PI. \$53,836 (Collaboration with Delaware Valley Industrial Resource Center, Philadelphia, PA)
- 2011 *Government Resource Center*
Trends in employer sponsored insurance. Columbus Ohio. Co-PI. \$150,000.
- 2009 – 2015 *Lawrence Livermore National Laboratories and Whitestone Research*
Infrastructure Cost Support for NNSA Enterprise Modeling. \$175,000
- 2008 – 2014 *National Science Foundation*
Comprehensive equity at Ohio State, ADVANCE Grant, Co-PI. \$3.6 million
- 2008 – 2009 *Centers for Disease Control and Ohio Department of Health*
Pandemic influenza preparedness project: Rural emergency management system, \$100,000
- 2008 – 2009 *Centers for Disease Control and Ohio Department of Health*
Pandemic influenza preparedness project: Distribution of Anti-viral drugs. \$20,000
- 2008 – 2009 *Centers for Disease Control and Ohio Department of Health*
Pandemic influenza preparedness project: Vulnerabilities in Populations, \$60,000
- 2008 – 2009 *Health Policy Institute of Ohio*
Ohio electronic health records, \$33,800
- 2008 *Ohio Department of Health*
Evaluation of training of public health personnel and public health partners in the "Planning P Process" for a Type 3 incident. \$15,000.
- 2006 – 2008 *Ohio Department of Job and Family Services*
Evaluator for TANF demonstration projects. Principal Investigator and Project Director, Co-PI \$1.3 million
- 2003 – 2004 *U.S. Forest Service. U.S. Department of Agriculture*
Risk and uncertainty in the policy choices for the national forest: The Sierra Nevada case. Co-PI. Funding through George Mason University, \$354,000, OSU Share \$44,630
- 2003 *Health Foundation of Greater Cincinnati*
Analysis of the economic implications of changes in Medicaid expenditures on Ohio counties. Co-PI \$24,150

SELECT RECENT PROFESSIONAL PRESENTATIONS

- A. Desai. Addressing and assessing diversity, G7 Working Group on Research Assessment, Ottawa, June 2018.
- A. Desai. Country report: USA, G7 Working Group on Research Assessment, Ottawa, June 2018.

- A. Desai. Evaluation and foresight in public research funding. 8th International Conference on Foresight, National Institute of Science and Technology Policy (NISTEP), Tokyo, November, 2017
- A. Desai. Evaluating convergence versus disciplinary research: Are the challenges different? G7 Working Group on Research Assessment, Rome, November, 2017
- A. Desai. Country update: USA, G7 Working Group on Research Assessment, Rome, November, 2017.
- A. Desai. Communities, teaching, learning, and evaluation, 25th Anniversary International Conference, Netter Center, University of Pennsylvania, Philadelphia, PA, November, 2017.
- A. Desai. Evaluation at the National Science Foundation. Washington Academic Internship Program, John Glenn College of Public Affairs, Washington, DC, June, 2017
- A. Desai. Evaluation and Assessment Capability at NSF. Graduate School of Education and Human Development, George Washington University, Washington, DC, May, 2017
- A. Desai and C. Phillips. Enhancing evaluative inquiry. EPSCoR Project Directors & Administrators Meeting, St. John, VI, January 2017.
- A. Desai. An Accountability system for broadening participation. Accountability Workshop, National Science Foundation, Arlington, VA, October, 2016.
- A. Desai. Simulations in the MPA curriculum. NASPAA, Columbus, OH, October, 2016
- A. Desai. Measuring impact: USA. G7 Working Group on Research Assessment, Paris, October, 2016.
- A. Desai. Country overview: USA. G7 Working Group on Research Assessment, Paris, October, 2016.
- A. Desai. Evaluation and Assessment Capability at NSF. Federation of Societies of Experimental Biology, Washington, DC, August, 2016
- A. Desai. Evaluation and Assessment Capability (EAC). Committee on Equal Opportunities in Science and Engineering, National Science Foundation, Arlington, VA, November, 2015.
- A. Desai. Evaluation 101, American Association for the Advancement of Science, Washington, DC, November, 2015.
- A. Desai. Integrated, blended, and administrative Data. NASPAA, Brooklyn, NY, October, 2015
- A. Desai. Teaching about complexity in the MPA curriculum. NASPAA, Brooklyn, NY, October, 2015
- A. Desai. #Opendata #Bigdata. NASPAA, Albuquerque, NM, November, 2014
- R. Heidelberg and A. Desai. Evidence-based policy making and the political. TAD10: Transatlantic Dialogue, Lugano, Switzerland, June 2014.
- A. Desai and D. Andersen. Teaching data competency. Spring Conference *Association of Public Policy Analysis and Management*, Washington, DC. March 2014.
- A Desai and K Harlow. Evidence for policy inquiry. *American Society for Public Administration Annual Conference*, New Orleans, LA. March 2013.
- JM Herbers and A Desai. Women STEM faculty at Ohio State: Resource allocation and department climate. *WEPAN 2012 Conference*, Columbus, Ohio, June 2012.
- A Desai and Young Bum Lee. Fairness: Values and process. Korean Association for Policy Studies International Conference on *Fairness in Public Policy: Efficiency, Equity and Beyond*. Seoul, Korea, June 2011.
- A Desai. Methods for policy inquiry. Konkuk University, Seoul, Korea, June 2011.
- A Desai. Performance measurement. Korea Institute for Public Finance. Seoul, Korea, June 2011.
- R Heidelberg and A Desai. A Framework for policy inquiry. Sungkyunkwan University, Seoul, Korea, June 2011.
- A Desai and R Hightower, III. Simulating the multiple impacts of deferred maintenance. Facility Cost Planning Workshop, NAPA, CA. May 2011.

- R Heidelberg and A Desai. Simulation rules. *Epistemology and Simulation Conference*. Pittsburgh, PA. April 2011.
- Y Kim, A Desai, and D Landsbergen. Simulations as narratives. *National Association of Schools of Public Affairs and Administration* conference, Las Vegas, NV, October, 2010.
- A Desai “Simulation of facility transition and decommissioning. Facility Cost Planning Workshop, NAPA, CA. May 2010.
- A Desai. Emergence and accountability in complex systems. Policy Informatics Workshop. Arizona State University, Tempe, AZ. February 2010.
- S Munn, Y Kim, M Costigan, and A Desai. Experimental TANF initiatives in Ohio: A Bottom-up approach” Plenary session at the 11th *Annual Welfare Research and Evaluation Conference*, Washington DC May, 2008
- A Desai, Y Kim, R Greenbaum. Estimating and illustrating the county level effects of reduced Medicaid expenditures. Annual research conference of the *Association of Public Policy Analysis and Management*, Washington, D.C., November 2005.
- A Desai, LC Walters, P Balint, and RE Stewart. Analytic methods to augment public deliberation: Wicked analysis to deal with wicked problems. Annual research conference of the *Association of Public Policy Analysis and Management*, Washington, D.C., November 2005.
- A Desai and RT Greenbaum. Uneven burden: Economic analysis of Medicaid expenditure changes in Ohio. Ohio Grantmaker’s Forum, Columbus, Ohio, November 2003.

SERVICE

Service to Professional Societies

Association of Public Policy Analysis and Management

- Member, Research Conference Program Committee, 2011, 2012, 2013, 2017, 2018
- Member, Nominations Committee, 2012
- Member, Dissertation Award Committee, 2009 and 2011 (Chair)
- Member (elected), *Policy Council*, 2007 – 2011
- Discussant, Session Chairman, Workshop Organizer, Moderator. Fall Research Conference, 1990, 1996, 1997, 2000, 2011, 2012, 2013, 2014.

NASPAA: Network of schools of public policy, affairs and administration

- Judge, Student Simulation Competition, 2015-2018
- Member (elected), *Executive Council*, 2010-2013.
- Member, Ad Hoc committee on Competency, 2012-2013.
- Member, *Commission on Peer Review and Accreditation* (COPRA) 2008-2011
- Chair, *Site Visit Team*, Eastern Michigan University, 2014.
- Member, *Site Visit Team*, Askew School of Public Administration and Policy, Florida State University, 2013
- Member, *Site Visit Team*, School of Public Affairs, University of Georgia, 2008
- Member, *Site Visit Team*, LBJ School of Public Affairs, University of Texas, 2006

National Academy of Sciences

- Member, Committee on Strategies for Improved Passenger and Freight Travel Data, 2009-2010
How We Travel: A Sustainable National Program for Travel Data, Transportation Research Board Special Report 304. National Research Council of the National Academies, Washington, DC.

U.S. Environmental Protection Agency

Member, Peer Review Panel for Science to Achieve Results (STAR) Fellowships Program, 2009.

Member, Peer Review Panel, July 1998.

Other

Served as organizer and session chair for multiple meetings of *INFORMS*, *ORSA/TIMS* and *Regional Science Association* Conferences.

Guest Editor

Special issue on policy informatics: *Journal of Policy Analysis and Management* 2014

Special issue on complexity: *Communications of the Association of Computing Machinery*, 2005

Editorial Board

Journal of Public Affairs Education 2010 -

International Journal of Healthcare Information Systems and Informatics, 2005

Advances in Healthcare Information Systems and Informatics (AHISI) Book Series 2007 –

International Journal of Society Systems Science (IJSSS) 2008 –

International Journal of Sustainable Society (IJSSoc) 2008 –

Professional Memberships

Association of Public Policy Analysis and Management,

Institute for Operations Research and Management Sciences,

Productivity Analysis Research Network

Ad-Hoc Reviewer

Annals of Operations Research, Applied Mathematical Modelling, Assessment Journal, Applications of Management Science, European Journal of Operational Research, Geographical Analysis, Interfaces, International Journal of Society Systems Science, International Journal of Systems Science, Journal of Academy of Business and Economics, Journal of Environmental Management, Journal of Human Resources, Journal of the Operational Research Society, Journal of Public Affairs Education, Journal of Public Administration: Research And Theory, Journal of Policy Analysis and Management, Journal of Productivity Analysis, Management Science, Managerial and Decision Economics, Michael Smith Foundation for Health Research, National Science Foundation, Operations Research, Socio-Economic Planning Sciences, Supply Chain Management: An International Journal, U.S. Environmental Protection Agency.

External reviewer for promotion and tenure.

University College and School Committees

Member (and occasional chair) of multiple faculty search, promotion and tenure, review, oversight, advisory, and strategic planning and examination committees

TEACHING

Courses Taught at Ohio State University

MPA Program

Core Courses

- Research Methods
- Data Analysis
- Evaluation
- Government information systems
- Quantitative methods for decision-making

Developed the School's masters' curriculum on information systems, data collection, analysis, interpretation, and dissemination. Taught the above courses on multiple occasions.

Elective Courses

- Benchmarking
- Environmental Policy
- Simulation
- Wicked Problems.

Doctoral Program

- Seminar in public sector economics
- Seminar on policy modeling
- Logic of Inquiry

Professional Development Programs

- Use and Abuse of Statistics
- Project Management
- Survey Methods
- Ohio Certification for Public Managers
 - Research Methods
 - Quantitative Analysis
- Public Safety
 - From data to information

Courses Taught for the State of Ohio

- Ohio Certification for Public Managers
 - Research Methods
 - Quantitative Analysis
- Public Safety
 - From data to information

Doctoral Students

Advisor and Chair of the Dissertation Committee: 17 doctoral students.

Member of Dissertation Committee: Served on multiple dissertation committees in Agricultural Economics, Arts Policy and Leadership, Environmental Science, Educational Policy and Leadership; Human Resource Development, Management Science, Public Policy and Management, and Social Work.