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EDUCATION:

Ph.D. (2002)	Public Policy	University of Chicago
M.A. (1999)	Public Policy	University of Chicago
B.A. (1995)	International Studies	University of Washington

ACADEMIC APPOINTMENTS:

2021 –	Paul H. O'Neill Professor	O'Neill School of Public and Environmental Affairs
2015 –	Professor	Indiana University - Purdue University, Indianapolis (IUPUI)
2013 - 2016	Director of Research	Indiana University Public Policy Institute
2013 - 2015	Associate Professor	O'Neill School of Public and Environmental Affairs Indiana University - Purdue University, Indianapolis (IUPUI)
2008 - 2012	Associate Professor	School of Public Policy, Georgia Inst. of Technology
2002 - 2008	Assistant Professor	School of Public Policy, Georgia Inst. of Technology
1998 - 2002	Instructor	Harris School of Public Policy Studies University of Chicago

PUBLICATIONS:

Books:

Daniel Matisoff and Douglas S. Noonan. Under contract. *Learning to LEED: Voluntary Mechanisms for Transforming Markets*. Cambridge University Press.

John A. Baden and Douglas S. Noonan, eds. 1998. *Managing the Commons*. Bloomington: Indiana University Press.

Journal Articles:

“Looking for a Change in Scene: Analyzing the Mobility of Crowdfunding Entrepreneurs” with Shiri M. Breznitz and Sana Maqbool. *Small Business Economics*. Forthcoming.

“Arts and Cultural Entrepreneurship.” *Small Business Economics*. Forthcoming.

“More than STEM: Spillovers from Higher Education Institution Infrastructure Investments in the Arts” with Joanna Woronkiewicz and Jessica Sherrod-Hale. *Journal of Technology Transfer*. Forthcoming.

“A Comparative Analysis of US and EU Regulatory Frameworks of Crowdfunding for the Cultural and Creative Industries” with Elisabetta Lazzaro. *International Journal of Cultural Policy*. Forthcoming.

- “In the LEED: Racing to the Top in Environmental Self-Regulation” with Daniel Matisoff and Mallory Flowers. *Business Strategy and the Environment*. 29(6): 2842-2856, 2020.
- “Participation and Non-Participation in FEMA’s Community Rating System (CRS) Program: Insights from CRS Coordinators and Floodplain Managers” with Abdul-Akeem Sadiq and Jenna Tyler. *International Journal of Disaster Risk Reduction*. 48: 101574, 2020.
- “The Price of Preserving Neighborhoods: The Unequal Impacts of Historic District Designation” with Tetsuharu Oba. *Economic Development Quarterly*. 34(4): 343-355, 2020.
- “Crowdfunding in a Not-So-Flat World” with Shiri M. Breznitz. *Journal of Economic Geography*. 20(4): 1069-1092, 2020.
- “Active Backers, Product Commercialisation and Product Quality after a Crowdfunding Campaign: A Comparison between First-time and Repeated Entrepreneurs” with Vincenzo Buttice. *International Small Business Journal*. 38(2): 111-134, 2020.
- “A Review of the Federal Emergency Management Agency’s Community Rating System Program” with Abdul-Akeem Sadiq, Jenna Tyler, Richard K. Norton, Shannon E. Cunniff, and Jeffrey Czajkowski. *Natural Hazards Review*. 21(1): 1-13, 2020.
- “Entrepreneurship among Nonprofit Arts Organizations: Substituting between Wage and Flexible Labor” with Joanna Woronkowicz and Kelly LeRoux. *Public Administration Review*. 80(3): 473-481, 2020.
- “What Drives Community Flood Risk Management? Policy Diffusion or Free-Riding” with Abdul-Akeem Sadiq, Jenna Tyler, and Lilliard E. Richardson. *International Journal of Sustainable Development and Planning*. 15(1): 69-80, 2020.
- “The Arts, Bohemian Scenes, and Income” with Yasemin Arikan, Terry Nichols Clark, and George Tolley. *Cultural Trends*. 28(5): 404-416, 2019.
- “A Review of Community Flood Risk Management Studies in the United States” with Abdul-Akeem Sadiq and Jenna Tyler. *International Journal of Disaster Risk Reduction*. 41: 101327, 2019.
- “Environmental Justice and Green Schools – Assessing Students and Communities’ Access to Green Schools” with Shuang Zhao and Shan Zhou. *Social Science Quarterly*. 100(6): 2223-2239, 2019.
- “A Review of the Community Flood Risk Management Literature in the United States: Lessons for Improving Community Resilience to Floods” with Abdul-Akeem Sadiq and Jenna Tyler. *Natural Hazards*. 96(3): 1223-1248, 2019.
- “Justice Implications of Clean Energy Policies and Programs in the United States: A Theoretical and Empirical Exploration” with Shan Zhou. *Sustainability*. 11(3): 807, 2019.
- “Heading for the Hills? Effects of Community Flood Management on Local Adaptation to Flood Risks” with Xian Liu. *Southern Economic Journal*. 86(2): 800-822, 2019.
- “Community-Scale Flood Risk Management: Effects of a Voluntary National Program on Migration and Development” with Abdul-Akeem Sadiq. *Ecological Economics*. 157: 92-99, 2019.
- “For What It’s Worth: Evaluating Revealed Preferences for Green Certification” with Daniel Matisoff and Mallory Flowers. *Journal of Environmental Planning and Management*. 62(5): 843-861, 2019.

- “Who Goes Freelance? The Determinants of Self-Employment for Artists” with Joanna Woronkowicz. *Entrepreneurship Theory and Practice*. 43(4): 651-672, 2019.
- “Planting the Seed to Grow Local Creative Industries: The Impacts of Cultural Districts and Arts Schools on Economic Development” with Shiri Breznitz. *Environment and Planning A*. 50(5): 1047-1070, 2018.
- “Flood Risk Management: Exploring the Impacts of the Community Ratings System Program on Poverty and Income Inequality” with Abdul-Akeem Sadiq. *Risk Analysis*. 38(3): 489-503, 2018.
- “The Closer the Better? Examining Support for a Large Urban Redevelopment Project in Atlanta” with Lin-Han Chiang Hsieh. *Journal of Urban Affairs*. 40(2): 246-260, 2018.
- “Making Smart and Sustainable Infrastructure Projects Viable: Private Choices, Public Support, and Systems Constraints” with Shan Zhou and Robert Kirkman. *Urban Planning*. 2(3): 18-32, 2017.
- “The Many Dimensions of Historic Preservation Value: National and Local Designation, Internal and External Policy Effects” with Tetsuharu Oba. *Journal of Property Research*. 34(3): 211-232, 2017.
- “Strategic Behavior in Certifying Green Buildings: An Inquiry of the Non-building Performance Value” with Lin-Han Chiang-Hsieh. *Environmental Management*. 60(2): 231-242, 2017.
- “Economics of Cultural Tourism: Issues and Perspectives” with Ilde Rizzo. *Journal of Cultural Economics*. 41(2): 95-107, 2017.
- “Ten Questions Concerning Integrating Smart Buildings into the Smart Grid” with Thomas M. Lawrence, Marie-Claude Boudreau, Lieve Helsen, Gregor Henze, Javad Mohammadpour, Dieter Patteeuw, Shanti Pless, and Richard T. Watson. *Building and Environment*. 108: 273-283, 2016.
- “Green Buildings: Economics and Policies” with Daniel C. Matisoff and Mallory E. Flowers. *Review of Environmental Economics and Policy*. 10.2: 329-346, 2016.
- “Philanthropic Support of National Parks: Analysis Using the Social-Ecological Systems Framework” with Tracy Yandle and Beth Gazley. *Nonprofit and Voluntary Sector Quarterly*. 45(4S): 134S-155S, 2016.
- “Characteristics of Voluntary Behavior in the Neighborhood Commons: The Case of Dog Parks” with Daniel Matisoff and Nathanael Hoelzel. *Nonprofit and Voluntary Sector Quarterly*. 45(4S): 78S-96S, 2016.
- “Economic, Sociological, and Neighbor Dimensions of Energy Efficiency Adoption Behaviors: Evidence from the U.S Residential Heating and Air Conditioning Market” with Lin-Han Chiang-Hsieh and Daniel Matisoff. *Energy Research and Social Science*. 10:102-113, 2015.
- “Local Capacity and Resilience to Flooding: Community Responsiveness to the Community Ratings System Program Incentives” with Abdul-Akeem Sadiq. *Natural Hazards* 78(2): 1413-1428, 2015.
- “Arts of the States in Crisis: Revisiting Determinants of State-Level Appropriations to Arts Agencies.” *Poetics* 49: 30-42, 2015.

- “Spatial Regulation of Air Toxics Hot Spots” with Rama Mohana Turaga and Ann Bostrom. *Journal of Policy Analysis and Management* 34(2): 298-327, 2015.
- “Flood Disaster Management Policy: An Analysis of the United States Community Ratings System” with Abdul-Akeem Sadiq. *Journal of Natural Resources Policy Research* 7(1): 5-22, 2015.
- * Reprinted in *Designing Water Disaster Management Policies: Theory and Empirics*, Chennai Gopalakrishnan, ed. Routledge, 2015.
- “Criterion and Predictive Validity of Revealed and Stated Preference Data: The Case of ‘Mountain Home Music’ Concert Demand” with John C. Whitehead and Elizabeth Marquardt. *Economics and Business Letters* 3(2): 87-95, 2014.
- “Electric Utilities, Fuel Use, and Responsiveness to Fuel Prices” with Daniel Matisoff and Jinshu Cui. *Energy Economics* 46: 445-452, 2014.
- “Arts Districts, Universities, and the Rise of Digital Media” with Shiri M. Breznitz. *Journal of Technology Transfer* 39(4): 594-615, 2014.
- “Smoggy with a Chance of Altruism: The Effects of Ozone Alerts on Outdoor Recreation and Driving.” *Policy Studies Journal* 42(1): 122-145, 2014.
- “Performance or Marketing Benefits? The Case of LEED Certification” with Daniel Matisoff and Anna Mazzolini. *Environmental Science & Technology* 48(3): 2001-2007, 2014.
- “Use of Impact Fees to Incentivize Low-Impact Development and Promote Compact Growth” with Zhongming Lu, John Crittenden, Hyunju Jeong, and Dali Wang. *Environmental Science & Technology* 47(19): 10744-10752, 2013.
- “How U.S. Cultural Districts Reshape Neighbourhoods.” *Cultural Trends*. 22(3-4): 203-212, 2013.
- “Convergence in Environmental Reporting: Assessing the Carbon Disclosure Project” with Daniel Matisoff and John J. O’Brien. *Business Strategy and the Environment* 22(5): 285-305, 2013.
- “Spatial Effects in Energy-Efficient Residential HVAC Technology Adoption” with Lin-Han Chiang Hsieh and Daniel Matisoff. *Environment & Behavior*. 45(4): 476-503, 2013.
- “City Air or City Markets: Worker Productivity Gains across City Sizes” with Douglas J. Krupka. *International Regional Science Review*. 36(2): 183-206, 2013.
- “Urban Transformation and Individual Responsibility: The Atlanta BeltLine” with Robert Kirkman and Sean K. Dunn. *Planning Theory*. 11(4): 418-434, 2012.
- “Managing Contested Greenspace: Neighborhood Commons and the Rise of Dog Parks” with Daniel Matisoff. *International Journal of the Commons* 6(1): 28-51, 2012.
- “Estimated Validity and Reliability of On-Board Diagnostics for Older Vehicles: Comparison with Remote Sensing Observations” with Anupit Supnithadnaporn, Alexander Samoylov, and Michael Rodgers. *Journal of the Air & Waste Management Association* 61(10): 996-1004, 2011.
- “Where the Cathedrals and Bazaars Are: An Index of Open Source Software Activity and Potential” with Paul M. A. Baker, Art Seavey, and Nathan W. Moon. *Journal of Information Technology and Politics*. 8(3): 273-303, 2011.
- “Making – or Picking – Winners: Evidence of Internal and External Price Effects in Historic Preservation Policies” with Douglas J. Krupka. *Real Estate Economics* 39(2): 379-407, 2011.

- “Hot Spots Regulation and Environmental Justice” with Rama Mohana Turaga and Ann Bostrom. *Ecological Economics* 70(7): 1395-1405, 2011.
- “Gigaton Problems Need Gigaton Solutions” with Ming Xu, John Crittenden, Yongshen Chen, Valerie M. Thomas, Reginald DesRoches, Marilyn Brown, and Steven French. *Environmental Science & Technology* 44(11): 4037-4041, 2010.
- “Determinants of Historic and Cultural Landmark Designation: Why We Preserve What We Preserve” with Douglas J. Krupka. *Journal of Cultural Economics* 34(1): 1-26, 2010.
- “Superfund, Hedonics, and the Scales of Environmental Justice” with Rama Mohana Turaga and Brett M. Baden. *Environmental Management* 44(5): 909-920, 2009.
- “Empowerment Zones, Neighborhood Change and Owner-Occupied Housing” with Douglas J. Krupka. *Regional Science and Urban Economics* 39(4): 386-396, 2009.
- “Evidence of Environmental Justice: A Critical Perspective on the Practice of EJ Research and Lessons for Policy Design” *Social Science Quarterly* 89(5): 1154 – 1174, 2008.
- “Fiscal Pressures, Institutional Context, and Constituents: A Dynamic Model of States' Arts Agency Appropriations” *Journal of Cultural Economics* 31(4): 293-310, 2007.
- “Neighborhood Dynamics and Price Effects of Superfund Site Clean-up” with Douglas J. Krupka and Brett M. Baden. *Journal of Regional Science* 47(4): 665-692, 2007.
- “Ecology and Valuation: Big Changes Needed” with Bryan Norton. *Ecological Economics* 63(4): 644-675, 2007.
- “Scales of Justice: Is There A Geographic Bias in Environmental Equity Analysis?” with Brett M. Baden and Rama Mohana Turaga. *Journal of Environmental Planning and Management* 50(2): 163-185, 2007.
- “Finding an Impact of Preservation Policies: Price Effects of Historic Landmarks on Attached Homes in Chicago 1990-1999” *Economic Development Quarterly* 21(1): 17-33, 2007.
- “A Quasi-Experimental Evaluation of High Emitter Non-Compliance and its Impact on Vehicular Tailpipe Emissions in Atlanta, 1997-2001,” with Asim Zia, Bryan G. Norton, Michael O. Rodgers, and Leisha DeHart-Davis. *Transportation Research Part D: Transportation and Environment* 11(1): 77-96, 2006.
- “Decision Factors Concerning Installation of Higher Efficiency Energy Consuming Equipment in Buildings,” with Thomas M. Lawrence, Jeffrey D. Mullen, and Jay Enck. *ASHRAE Journal* 47(9): S40-S47, 2005.
- “Neighbors, Barriers, and Urban Environments: Are Things Different on the Other Side of the Tracks?” *Urban Studies* 42(10): 1817-1835, 2005.
- “Valuing Arts and Culture: A Research Agenda for Contingent Valuation,” *Journal of Arts Management, Law, and Society* 34(3): 205-221, 2004.
- “Contingent Valuation and Cultural Resources: A Meta-Analytic Review of the Literature,” *Journal of Cultural Economics* 27(3-4): 159-176, 2003.
* Reprinted in *Recent Developments in Cultural Economics*, Ruth Towse, ed. Edward Elgar, 2007.
- “The Externalities of Neighbors and the Role of Barriers in Urban Geography” *Chicago Policy Review* 3(2): 93-113, 2000.

Book Chapters:

- “Cultural Entrepreneurship in a Supportive Ecosystem: The Contribution of Crowdfunding Regulation” with Elisabetta Lazzaro, in P. Demartini, L. Marchegiani, M. Marchiori, and G. Schiuma, eds. *Cultural Initiatives for Sustainable Development: Management, Participation and Entrepreneurship in the Cultural and Creative Sector*. Springer.
- “Policy Diffusion in Community-Scale Flood Management” with Lilliard E. Richardson and Abdul-Akeem Sadiq, in S. Mambretti and A. Fabbri, eds. *Risk Analysis XI*. WIT Press, pp. 81-92, 2018.
- “Perspectives on Data in Urban Historic Preservation Policy” with Tetsuharu Oba, in Erica Avrami, ed. *Preservation and the New Data Landscape*. Columbia University Press, 2019.
- “Assessing EPA’s Experience with Equity in Standard-Setting,” in David M. Konisky, ed. *Failed Promises: Evaluating the Federal Government’s Response to Environmental Justice*. MIT Press, pp.85-116, 2015.
- “Air Pollution,” in Tim Haab and John Whitehead, eds. *Environmental and Natural Resource Economics: An Encyclopedia*. Greenwood, pp.6-8, 2014.
- “The Reach of Open Source Software,” in Paul M. A. Baker, J. Hanson, and J. Hunsinger, eds. *The Unconnected: Social Justice, Participation and Engagement in the Information Society*. Peter Lang Publishers. pp.103-124, 2013.
- “Market Effects of Historic Preservation,” in Ilde Rizzo and Anna Mignosa, eds. *Handbook on the Economics of Cultural Heritage*. Edward Elgar Publishing, pp.344-363, 2013.
- “Energy and Water Interdependence, and Their Implications for Urban Areas” with Liz Minne et al., in Robert A. Meyers, ed. *Encyclopedia of Sustainability Science and Technology*. Springer Publishing, 2012.
* Reprinted in *Electrical Transmission Systems and Smart Grids: Selected Entries from the Encyclopedia of Sustainability Science and Technology*, Miroslav Begovic, ed. Springer Publishing, pp. 239-270, 2013.
- “Arts Districts, Universities, and the Rise of Media Arts” with Shiri M. Breznitz, in Michael Rushton, ed. *Creative Communities: Art Works in Economic Development*. Washington, DC: Brookings Institution Press, pp.118-143, 2013.
- “Amenities Tomorrow: A Greenbelt Project’s Impacts over Space, Time,” in H. Spencer Banzhaf, ed. *The Political Economy of Environmental Justice*. Stanford University Press, pp. 170-196, 2012.
- “Evaluating Price Effects of Historic Preservation Policies: Landmark Preservation in Chicago, 1990-1999,” in Luigi Fusco Girard and Peter Nijkamp (eds), *Cultural Tourism and Sustainable Local Development*. Aldershot: Ashgate, pp.289-313, 2009.
- “Air Today, Gone Tomorrow: Atlanta’s Air Quality Past and Future” with Jennifer Chirico, in David Sjoquist, ed. *Past Trends and Future Prospects of the American City: The Dynamics of Atlanta*, Lanham, MD: Lexington Books, pp. 107-131, 2009.
- “Free Market Environmentalism,” in J. Baird Callicott and Robert Frodeman (eds.) *Encyclopedia of Environmental Ethics and Philosophy*. Detroit: Macmillan Reference, pp.442-444, 2008.
- “An Economic Model of a Genetic Resistance Commons: Effects of Market Structure Applied to Biotechnology in Agriculture,” in Ramanan Laxminarayan, ed. *Battling Resistance to Antibiotics*

and Pesticides: An Economic Approach. Washington, DC: Resources for the Future, pp.263-287, 2003.

“International Fisheries Management Institutions: Europe and the South Pacific,” in John A. Baden and Douglas S. Noonan, eds. *Managing the Commons*, Bloomington: Indiana University Press, pp.165-177, 1998.

“Internet Decentralization, Feedback, and Self-Organization,” in John A. Baden and Douglas S. Noonan, eds. *Managing the Commons*, Bloomington: Indiana University Press, pp.188-194, 1998.

“The Federal Treasury as a Common Pool Resource: The Predatory Bureaucracy as a Management Tool” with John A. Baden, in John A. Baden and Douglas S. Noonan, eds. *Managing the Commons*, Bloomington: Indiana University Press, pp.204-209, 1998.

Papers under Review:

“Decision-Making for Managing Community Flood Risks: Perspectives of United States Floodplain Managers” with Jenna Tyler, Abdul-Akeem Sadiq. Revised & resubmitted.

“Heterogeneous capitalization of spatially targeted policies: Moving beyond average effects for historic districts” with Tetsuharu Oba. Under review.

“Building Underwater: Effects of Community-scale Flood Management on Housing Development” with Xian Liu. Revise & resubmit.

“Flocking to the Crowd: Cultural Entrepreneur Mobility Guided by Homophily, Market size, or Amenities?” with Shiri Breznitz and Sana Maqbool. Revise & resubmit.

Working Papers (last 5 years):

“A Review of the Federal Emergency Management Agency’s Community Rating System Program.” Risk Management and Decision Processes Center, The Wharton School, University of Pennsylvania. Working paper 2018-04. July 2018.

“Sustainably Financing Local Public Safety.” Working Paper 2016-1. 19 October 2016.

EXTERNALLY FUNDED RESEARCH PROJECTS:

National Endowment for the Arts: “Arts, Entrepreneurship, and Innovation Lab,” 2020-2022, \$184,909. Co-Principal Investigator

National Endowment for the Arts: “Arts, Entrepreneurship, and Innovation Lab,” 2018-2020, \$150,000. Principal Investigator

National Endowment for the Arts: “Higher Education Investments in Cultural Infrastructure,” 2017-2020, \$90,000. Co-Principal Investigator

National Science Foundation: “Enhancing Community Resilience to Floods: A Theoretical Framework of Community Participation in Federal Voluntary Programs.” 2016-18, \$201,772. Co-Principal Investigator

Charles G. Koch Charitable Foundation: “Sustainable Financing of Local Public Safety.” 2016-17, \$112,000. Principal Investigator

- National Endowment for the Arts: “Employment Behavior of U.S. Artists,” 2015-2017, \$15,000. Co-Principal Investigator
- Social Sciences & Humanities Research Council: “Creating Digital Opportunity: Canada's ICT Industry in Global Perspective.” 2014-2018, \$2,900,000. Collaborator.
- Charles G. Koch Charitable Foundation: “Political Economy and Environmental Research Initiative.” 2014-2017, \$705,000. Principal Investigator
- Indiana Association of Rehabilitation Facilities: “Economic Benefits of Increased Wages for Indiana Association of Rehabilitation Facilities.” 2016, \$22,000. Co-Principal Investigator
- Indiana Tourism Association: “Community Impacts of Tourism-Related Investments in Indiana.” 2015-2016, \$7,500. Principal Investigator
- Charles G. Koch Charitable Foundation: “A Revealed Surplus Approach to Measuring Well-Being.” 2015, \$5,000. Principal Investigator
- Charles G. Koch Charitable Foundation: “Poverty and Entrepreneurship in Indiana.” 2013-2014, \$92,500. Principal Investigator
- National Endowment for the Arts: “Measuring the Value of Arts in America over Time: Travel Cost, Time Use, and Neighborhood Dynamics,” 2012-2013, \$15,000. Principal Investigator
- National Science Foundation: “Novel Materials for Energy Storage and Conversion,” 2011 –2015, \$3,155,553. Co-Principal Investigator
- Charles G. Koch Charitable Foundation: “Political Economy and Environmental Research Fellowships.” 2011-2012, \$15,000, Principal Investigator
- Atlanta BeltLine, Inc.: “BeltLine Decision Support Tool Services.” 2011 – 2012, \$159,257. Co-Principal Investigator.
- Charles G. Koch Charitable Foundation: “Political Economy and Environmental Research Fellowships.” Fall 2010, \$15,000, Principal Investigator
- American Enterprise Institute: “The Direct Impacts of Air Quality Policies on Households.” Summer 2009, \$18,536, Principal Investigator
- Red Hat, Inc.: “Red Hat Open Source Software Study/Barrier and Opportunity Analysis.” 2007-2008, \$44,553, Co-Principal Investigator
- National Science Foundation: “Stuck with the Dominant Urban Form? Technology and the Limits of Ethics in the Built Environment,” 2007-2009, \$105,000, Co-Principal Investigator
- Lincoln Institute of Land Policy grant: “Empowerment Zones, Neighborhood change and Owner-Occupied Housing,” 2006-2007, \$10,000, Co-Principal Investigator
- National Science Foundation, Human and Social Dynamics grant: “Ecological Boundary-Setting in Mental and Geophysical Models,” 2005-2007, \$625,000, Co-Principal Investigator
- Environmental Protection Agency, STAR grant: “Air Quality, Emissions, Growth, and Change: A Method to Prescribe a Desirable Future,” 2005-2007, \$650,000, Co-Principal Investigator

INVITED RESEARCH PRESENTATIONS:

- “Current Issues in Crowdfunding in Arts and Culture.” Israel Democracy Institute conference on Policy or Culture? 16 September 2020.
- “Crowdfunding in a Not-So-Flat World.” Milan Polytechnic. 11 November 2019.
- “Crowdfunding in Arts and Culture: Exploring the Space on this New Stage.” University of Valladolid. 28 October 2019.
- “Crowdfunding in Arts & Culture: Long Tails in a Not-So-Flat World” III Gijon Conference on the Economics of Leisure, Culture and Sport, Gijon, Spain. 25 October 2019.
- “Experiments on Entrepreneurs' Creative Creation” Indiana University – University of Wuppertal & Friends Entrepreneurship Research Workshop, Wuppertal. 11 September 2019.
- “Cultural Economics and Urban Regeneration” Kyoto University, Kyoto. 30 July 2019.
- “Crowds and Digital Media Hotspots in Canada” University of Toronto, Toronto. 29 April 2019.
- “Freeing the Freelancers: Innovation, Crowds, and Markets” Program in Philosophy, Politics, and Economics Speaker Series at Virginia Tech, Blacksburg, VA. 6 February 2019.
- “Examining ‘Make or Buy’ Decisions for Creative Capacity: The Use of Entrepreneurial Freelancers by Nonprofit Arts Organizations” with Joanna Woronkiewicz and Kelly LeRoux. PAR symposium on Entrepreneurship in the Public and Nonprofit Sectors, National Academy of Sciences, Washington, DC. 22 October 2018.
- “Spurring Local Economic Growth through Universities, Arts Districts, and Digital Media – The Canadian Case.” Creating Digital Opportunities, University of Toronto (at Simon Fraser University), 26 April 2018
- “Perspectives on Data in Urban Historic Preservation Policy.” Urban Heritage and Data in the 21st Century, Columbia University, New York, NY, 9 February 2018
- “Heading for the Hills? Insurance, Information, and Incentives for Adapting to Flood Risks.” Free Market Environmentalism in the Urban Environment workshop, Atlanta, GA, 5 November 2016
- “Financial Sustainability of Local Public Safety.” National Public Safety Forum, Indiana University-Purdue University Indianapolis, 19 October 2016 (Organizer)
- “Formal urban cultural clusters in the U.S. and job creation.” University of the Basque Country, Bilbao, Spain, 11 July 2015
- “Climate Change and Housing Markets: Adaptation and Greener Buildings.” Drexel University, 21 May 2015
- “The Challenge of Encompassing New Media- and Technology-Driven Forms of Participation.” UK Arts & Humanities Research Council and the US National Endowment for the Arts, 2 June 2014
- “U.S. Cultural Districts and Urban Renewal.” Tinbergen Institute, VU University Amsterdam, Netherlands, 24 January 2014
- “State Spending on the Arts during a Fiscal Crisis.” University of Haifa, Israel, 14 March 2013

- “Arts Districts, Universities, and the Rise of Media Arts.” Brookings Institution and the National Endowment for the Arts (NEA), 10 May 2012
- “Universities, Media Arts, and Tech Transfer.” Johns Hopkins University, 19 April 2012
- “Historic Preservation Policy in Chicago.” Cultural Policy Center, University of Chicago, 19 April 2011
- “Adoption and Economic Returns of Energy-Efficient Residential HVAC Systems.” Department of Geography and Environmental Engineering, Johns Hopkins University, 5 April 2011
- “Scales of Justice: Is there A Geographic Bias in Environmental Equity Analysis?” National Center for Environmental Economics, US Environmental Protection Agency (EPA), 10 June 2010
- “Where the Cathedrals and Bazaars Are: An Index of Open Source Software Activity and Potential.” Plenary address at the Politics of Open Source conference, University of Massachusetts, 6 May 2010
- “Making – or Picking – Winners: Evidence from Chicago’s Historic Preservation Policies.” Lusk Center for Real Estate, University of Southern California, 23 April 2009
- “Historic Preservation in Chicago.” Department of Economics, University of Chicago, 15 April 2009
- “Evaluating Historic Preservation Policies.” School of City and Regional Planning, Georgia Institute of Technology, 27 March 2009
- “State-Level Variation in Open Source Policies.” ICT Roundtable, Georgia Institute of Technology, 19 February 2009
- “Speculative Justice: Distributional Consequences of a Greenbelt Project.” Property and Environment Research Center, 4 October 2008
- “Speculative Justice: Distributional Consequences of a Greenbelt Project.” Andrew Young School of Policy Studies, Georgia State University, 24 September 2008
- “The Effects of Ozone Alerts on Driving and Outdoor Recreation Behavior in Atlanta.” National Air Quality Conference, US Environmental Protection Agency (EPA), 7 April 2008
- “The Political Economy of the National Park Service.” Andrew Young School of Policy Studies, Georgia State University, 14 November 2007
- “Air Quality and Forecasts: The Effects of Ozone Alerts on Driving and Outdoor Recreation Behavior in Atlanta.” National Center for Environmental Economics, US Environmental Protection Agency (EPA), 8 November 2007
- “Air Today, Gone Tomorrow: Atlanta's Air Quality Past and Future.” Andrew Young School of Policy Studies, Georgia State University, 23 February 2007
- “Determinants of Landmark Designation in Chicago.” Andrew Young School of Policy Studies, Georgia State University, 29 November 2006
- “Price Effects of Landmarks, Historical Character, and Architectural Style: Identification and Neighborhoods.” Province of Naples and the University of Naples Federico II, Italy, 29 April 2006
- “Air Quality, Travel Mode, and Forecasts: An Exploratory Analysis of Atlanta.” Wagner Graduate School of Public Service, New York University, 2 February 2006

- “Creation and Funding of U.S. National Parks.” Department of Urban and Environmental Policy and Planning, Tufts University, 2 May 2005
- “The Environmental Kuznets Curve: Evidence from a New Approach.” Department of Economics, Brigham Young University, 25 March 2005
- “The Environmental Kuznets Curve Comes Full Circle: Implication of Duality for International Growth and Environmental Quality.” Mont Pèlerin Society, Salt Lake City, UT. 16 August 2004
- “Environmental Barriers: Do Good Fences Make Good Neighbors?” Emory University, 6 March 2003
- “A PE of CV.” Department of Economics, University of Chicago, 5 March 2003
- “An Economic Model of a Genetic Resistance Commons.” Department of Economics, University of Chicago, 12 April 2000
- “The Externalities of Neighbors and the Role of Barriers in Urban Geography.” Department of Economics, University of Chicago, 30 April 1999

CONFERENCE AND WORKSHOP PRESENTATIONS:

‡ indicates that a coauthor presented the work.

2020

‡ US Green Building Council, Washington, DC

Israel Democracy Institute, Tel Aviv, Israel
Leveraging Creativity symposium, Indiana University, Bloomington, IN

2019

‡ Association of Public Policy Analysis & Management, Denver, CO

Cultural Trends Symposium on program evaluation in cultural affairs, Bloomington, IN

‡ IX Workshop in Cultural Economics and Management, Meknés, Morocco

American Association of Geographers, Washington, DC

‡ American Society for Public Administration, Washington, DC

2018

Southern Economic Association, Washington, DC

Association of Public Policy Analysis & Management, Washington, DC

Network of Schools of Public Policy, Affairs, and Administration, Atlanta, GA

‡ 2nd European Alternative Finance Research Conference, Utrecht, the Netherlands

‡ Academy of Management, Chicago, IL

Association of Cultural Economics International, Melbourne, Australia

11th International Conference on Risk Analysis and Hazard Mitigation, Seville, Spain

2017

Southern Economic Association, Tampa, FL

Association of Public Policy Analysis & Management, Chicago, IL

‡ Wessex Institute’s Sustainable Development and Planning, Bristol, UK

2016

Southern Economic Association, Washington, DC

Association of Public Policy Analysis & Management, Washington, DC

Network of Schools of Public Policy, Affairs, and Administration, Columbus, OH

‡ Behavior, Energy and Climate Change Conference, Baltimore

‡ Economic Research Board meeting, Tokyo, Japan

‡ Academy of Management, Anaheim

Association of Cultural Economics International, Valladolid, Spain

2015

Association of Public Policy Analysis & Management, Miami

Southern Economic Association, New Orleans

‡ Academy of Management, Vancouver, BC

‡ European Association of Environmental and Resource Economists, Helsinki

‡ Industry Studies Association, Kansas City

Alliance for Research on Corporate Sustainability, Chicago

2014

Southern Economic Association, Atlanta

Association of Public Policy Analysis & Management, Albuquerque

‡ World Congress of Environmental and Resource Economists in Istanbul

Workshop on the Ostrom Workshop, Bloomington, IN

‡ Physics of Sustainable Energy III conference, Berkeley

2013

Southern Economic Association, Tampa

Association of Public Policy Analysis & Management, Washington, DC

‡ Strategic Management Society, Atlanta

Western Economic Association International, Seattle

2012

Southern Economic Association, New Orleans

‡ International Symposium on Sustainable Systems & Technology, Boston

ASSA meetings (Association of Environmental and Resource Economics session), Chicago

2011

Southern Economic Association, Washington, DC

Association of Public Policy Analysis & Management, Washington, DC

Association of Environmental and Resource Economics Summer Conference, Seattle

‡ International Symposium on Sustainable Systems & Technology, Chicago

‡ NSF EFRI Grantee Conference, Arlington, VA

ASSA Meetings (American Real Estate and Urban Economics Association), Denver

ASSA Meetings (Association of Environmental and Resource Economics session), Denver

2010

Southern Economic Association, Atlanta

Association of Public Policy Analysis & Management, Boston

‡ International Urban Planning and Environment Association, Guangzhou, China

World Congress of Environmental and Resource Economists, Montréal

Society for Environmental Law and Economics, Atlanta

2009

Southern Economics Association, San Antonio

‡ Illinois Economics Association, Chicago

ASSA Meetings (American Real Estate and Urban Economics Association session), San Francisco

2008

Southern Economic Association, Washington, DC

Association of Public Policy Analysis & Management, Los Angeles

‡ 11th International Coral Reef Symposium, Ft. Lauderdale, FL

Association of Cultural Economics International, Boston

ASSA Meetings (American Real Estate and Urban Economics Association), New Orleans

2007

‡ Society for Risk Analysis, San Antonio

Southern Economic Association, New Orleans

Association of Public Policy Analysis & Management, Washington, DC

‡ American Public Health Association, Washington, DC

International Atlantic Economic Conference, Savannah

Western Economic Association International,
Seattle

ASSA Meetings (American Real Estate and
Urban Economics Association), Chicago

2006

Southern Economic Association, Charleston,
SC

Association of Public Policy Analysis &
Management, Madison, WI

‡ Ethical Aspects of Urban Development in
Northeast Florida conference,
Jacksonville, FL

World Congress of the Association of
Environmental and Resource Economists,
Kyoto

‡ American Meteorological Society, Atlanta
ASSA Meetings (American Real Estate and
Urban Economics Association session),
Boston

2005

Southern Economic Association, Washington,
DC

Association of Public Policy Analysis &
Management, Washington, DC

Western Economic Association International,
San Francisco

2004

Southern Economic Association, New
Orleans

Association of Public Policy Analysis &
Management, Atlanta

Association of Cultural Economics
International, Chicago

ASSA Meetings (American Real Estate and
Urban Economics Association session),
San Diego

2003

Southern Economic Association, San Antonio
Western Economic Association International,
Denver

Public Choice Society, Nashville

2002

Association of Public Policy Analysis &
Management, Dallas

Association of Cultural Economics
International, Rotterdam

Southern Economics Association, Tampa

2001

Resources for the Future Workshop on
Economics of Resistance, Airlie House,
VA

SELECTED OTHER PUBLICATIONS:

“A Review of the Federal Emergency Management Agency’s Community Rating System Program,”
with Sadiq, Abdul-Akeem, Jenna Tyler, Douglas S. Noonan, Richard K. Norton, Shannon E.
Cunniff, and Jeffrey Czajkowski. Risk Management and Decision Processes Center, The
Wharton School, University of Pennsylvania. Working paper 2018-04. July 2018.

“Crowding Out or Tuning In? A Framework for Noisy Signals,” with Mallory Flowers and Dan
Matisoff. *Academy of Management Proceedings*. 2018 (1): 16896.

“Want to reduce crime? End mass incarceration” *Washington Examiner*, 12 November 2016.

“Wise public safety spending is essential” *Indianapolis Star*, 23 October 2016.

“How Does Crowdfunding Change the Picture for Artists?” *Creativz* Essay, 20 May 2016.

“Voluntary and Information-Based Air Quality Policies.” Conservation Leadership Council policy
paper, 2012.

“Community and Supportive Services Valuation,” in Brett M. Baden and Dana R. LeWinter (eds.) *Program Evaluation of the Elizabethport Hope VI Revitalization Program*. Tufts University Research Report, 2006.

“Moving Beyond the First Cost Mentality,” with Thomas M. Lawrence, Jeffrey D. Mullen, and H. Jay Enck. *Solar Today*. 19(6): 34 – 37, 2005.

“Big Sky Diaries: Is the Next West Big Enough for Double Wides and Double Talls?” *Seattle Times*, 27 July 1997.

SERVICE AND PROFESSIONAL ACTIVITIES:

Guest editor, special issue on Arts and Cultural Entrepreneurship in *Small Business Economics*, 2021

Faculty Director and Co-Founder, IU Center for Cultural Affairs (Fall 2018 –)

Co-editor in chief, *Journal of Cultural Economics* (2017 –)

Chair, Urban Serving Universities section of the Network of Schools of Public Policy, Affairs, and Administration (NASPAA) (2016 –)

Editorial Board, *Sustainability* (2017 – 2020)

JSPS International Research Fellow, Graduate School of Engineering, Kyoto University (Fall 2019)

Visiting Research Scholar, Program in Philosophy, Politics, and Economics at Virginia Tech (Spring – Summer 2019)

Guest co-editor, special issue on Economics of Cultural Tourism in the *Journal of Cultural Economics*, 2017

Board member, Association of Cultural Economics International (2014 – 2020)

Member, Faculty Advisory Council, Indiana University Public Policy Institute (2016 – 2019)

Editorial Board, *Journal of Cultural Economics* (2007 – 2017)

Member, Council of Associate Deans for Research, IUPUI (2013 – 2017)

Science Advisory Board, Environmental Justice Technical Panel – US Environmental Protection Agency (2012 – 2016)

Adjunct Associate Professor of Economics – Department of Economics, Georgia State University

REFeree SERVICE:

Agricultural & Resource Economic Review

American Journal of Agricultural Economics

American Journal of Political Science

Annals of Regional Science

B.E. Journals in Economic Analysis & Policy

Cityscape

Contemporary Economic Policy

Cultural Trends

Ecological Economics

Economic Development Quarterly

Energy Economics

Energy Policy

Energy Research & Social Science

Environment & Development Economics

Environment & Planning – B

Environmental & Resource Economics

Environmental Management

Environmental Science & Technology

Evidence & Policy

Fiscal Studies

Housing Policy Debate

International Journal of Cultural Policy

International Small Business Journal

Journal of Agricultural and Resource Economics

Journal of Cultural Economics

Journal of Cultural Heritage

Journal of Economic Dynamics & Control

Journal of Environmental Economics & Management

Journal of Environmental Management

Journal of Industrial Ecology

Journal of Media Economics

Journal of Policy Analysis & Management

Journal of Regional Science

Journal of Assoc. Environmental & Resource Econ.

Journal of Urban Affairs
Journal of Urban Economics
Journal of Urbanism
Land Use Policy
Nonprofit Management & Leadership
 PLOS ONE
Poetics
Policy Sciences
Policy Studies Journal
Public Finance Review

Real Estate Economics
Regional Science & Urban Economics
Regulation & Governance
Research Policy
Review of Regional Studies
Risk Analysis
Small Business Economics
Social Science Quarterly
Southern Economic Journal

MEMBERSHIPS:

American Economic Association (AEA)
 Association for Public Policy Analysis and Management (APPAM)
 Association of Environmental and Resource Economists (AERE)
 Southern Economic Association (SEA)
 Association of Cultural Economics International (ACEI)

TEACHING EXPERIENCE:

Environmental Economics and Policy (PhD)	Comparative Public Administration (MA)
Microeconomic Theory (MS, PhD)	Environmental Conflict Resolution (MA)
Environmental Policy (BS, MS, PhD)	Urban Sustainability (MA, BA)
Formal Models for Policy Analysis (BS, PhD)	Policy Analysis (BS)
Public Program Evaluation (MA)	Sustainability and Policy (BS)

FELLOWSHIPS AND AWARDS:

Paul H. O'Neill Professorship (Indiana University), 2021-
 Japan Society for the Promotion of Science (JSPS) Invitational Fellowship (Kyoto University), 2019
 Visiting Scholar Fellowship (Virginia Tech), 2019
 Faculty Member of the Year (School of Public Policy, Georgia Tech), 2004-2005, 2011-2012
 Dean's Small Grant for Scholarship (Georgia Tech), 2011
 Ivan Allen Faculty Legacy Award (Georgia Tech), 2007
 Class of 1969 Teaching Fellow (Georgia Tech), 2003-2004
 Joseph L. Fisher Dissertation Fellow (Resources for the Future), 2001-2002
 Program on the Arts Fellow (Social Science Research Council), 2001-2002
 Humane Studies Fellow (Institute for Humane Studies), 1997-1998, 2001-2002
 Irving B. Harris Fellow (University of Chicago), 1997-2001