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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

PROFESSIONAL EXPERIENCE:

2008 - present	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	University of Chicago

PUBLICATIONS:

Book:

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

Refereed Publications:

- “City Air or City Markets: Worker Productivity Gains across City Sizes,” with Douglas J. Krupka. *International Regional Science Review*. Forthcoming.
- “Spatial Effects in Energy-Efficient Residential HVAC Technology Adoption,” with Lin-Han Chiang Hsieh and Daniel Matisoff. *Environment & Behavior*. Forthcoming.
- “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.
- “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.
- “Free Market Environmentalism.” in J. Baird Callicott and Robert Frodeman (eds.) *Encyclopedia of Environmental Ethics and Philosophy*. Detroit: Macmillan Reference, pp.442-444, 2008.
- “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.
- “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.

“The Externalities of Neighbors and the Role of Barriers in Urban Geography,” *Chicago Policy Review* 3(2): 93-113, 2000.

Book Chapters:

“Interdependence between Electric Energy, Gas, Transportation, and Water Infrastructures in Large Urban Areas,” with Liz Minne et al., in Miroslav Begović, ed. *Encyclopedia of Sustainability*. Springer Publishing. Forthcoming, 2012.

“Markets and Historic Preservation Policies,” in Ilde Rizzo and Anna Mignosa, eds. *Handbook on the Economics of Cultural Heritage*. Edward Elgar Publishing. Forthcoming, 2011.

“Amenities Tomorrow: A Greenbelt Project’s Impacts over Space, Time,” in H. Spencer Banzhaf, ed. *Markets for Land and Pollution: Implications for Environmental Justice*. Stanford University Press. Forthcoming, 2012.

“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.

“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:

“Keeping up with the Joneses’ Energy-Efficient Residential Heating and Air Conditioning Systems,” with Lin-Han Chiang-Hsieh and Daniel Matisoff. Under review.

“Smoggy with a Chance of Altruism: The Effects of Ozone Alerts on Driving and Outdoor Recreation in Atlanta.” Under review.

“Price Signals and Energy Efficiency in Suburbia: The Case of Responsiveness in Residential HVAC Technologies from 1992-2004,” with Brett M. Baden. Under review.

“On Amenities, Natural Advantage and Agglomeration,” with Douglas J. Krupka. Revised and resubmitted.

“Managing Contested Greenspace: Neighborhood Commons and The Rise of Dog Parks,” with Daniel Matisoff. Revise and resubmit.

Working Papers (last 5 years):

“Neighborhood Dynamics and the Housing Price Effects of Spatially Targeted Economic Development Policy,” with Douglas J. Krupka. IZA Discussion Paper No. 4308. July 2009.

- “Making – or Picking – Winners: Evidence of Internal and External Price Effects in Historic Preservation Policies,” with Douglas J. Krupka. IZA Discussion Paper No. 4110. April 2009.
- “State-Level Variations in Open Source Policies,” with Paul M.A. Baker, Art Seavey, and Nathan C. Moon. Georgia Institute of Technology, School of Public Policy working paper 49, 2009.
- “Determinants of Historic and Cultural Landmark Designation: Why We Preserve What We Preserve,” with Douglas J. Krupka. IZA Discussion Paper No. 3777. October 2008.
- “On Being Stuck: Looking for the Limits of Ethics in the Built Environment,” with Robert Kirkman. Georgia Institute of Technology, School of Public Policy working paper 33, 2008.
- “Empowerment Zones, Neighborhood Change and Owner-Occupied Housing,” with Douglas J. Krupka. IZA Discussion Paper No. 3320. January 2008.
- “Urban Environments and Neighborhood Change: Exploring Urban Sorting Beyond the Featureless Plain.” Georgia Institute of Technology, School of Public Policy working paper 12, 2006.
- “Art of the State: Explaining State-Level Appropriations to Arts Agencies.” Georgia Institute of Technology, School of Public Policy working paper 11, 2006.
- “Superfund, Hedonics, and the Scales of Environmental Justice,” with Brett M. Baden and Rama Mohana Turaga. Georgia Institute of Technology, School of Public Policy working paper 10, 2006.

EXTERNALLY FUNDED RESEARCH PROJECTS:

- 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.” Team Partner. 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-Major Investigator

SELECTED PRESENTATIONS:

- Association of Environmental and Resource Economists (AERE) session at the American Economic Association (AEA) annual meetings, Chicago, IL. 6 – 8 January 2012.
- Southern Economic Association (SEA) annual meetings, Washington, DC. 19 – 21 November 2011.
- Association of Public Policy Analysis and Management (APPAM) annual meetings, Washington, DC. 3 – 5 November 2011.
- Association of Environmental and Resource Economists (AERE) summer conference, Seattle, WA. 9 – 10 June 2011.
- University of Chicago, Cultural Policy Workshop. 19 April 2011.
- Association of Environmental and Resource Economists (AERE) session at the American Economic Association (AEA) annual meetings, Denver, CO. 7 – 9 January 2011.
- American Real Estate and Urban Economics Association (AREUEA) sessions at the American Economic Association (AEA) annual meetings, Denver, CO. 7 – 9 January 2011.
- Southern Economic Association (SEA) annual meetings, Atlanta, GA. 20 – 22 November 2010.
- Association of Public Policy Analysis and Management (APPAM) annual meetings, Boston, MA. 4 – 6 November 2010.
- Fourth World Congress of Environmental and Resource Economists (WCERE), Montreal. 28 June – 2 July 2010.
- Workshop on Analytical Methods for Assessing the Environmental Justice Implications of Environmental Regulations, National Center for Environmental Economics. 9 – 10 June 2010.
- Politics of Open Source (plenary address), University of Massachusetts. 6 – 7 May 2010.
- Society for Environmental Law and Economics, Emory University. 27 – 28 March 2010.
- University of Southern California, Lusk Seminar. 23 April 2009.
- University of Chicago, Workshop in Economic Policy and Public Finance. 15 April 2009.
- PERC Lone Mountain Forum on Markets for Land and Pollution, Big Sky, MT. 2 – 5 October 2008.
- EPA's National Center for Environmental Economics (NCEE), Washington, DC. 8 November 2007.
- Third World Congress of Environmental and Resource Economists (WCERE), Kyoto. 3 – 7 July 2006.
- General Meeting of the Mont Pèlerin Society. Salt Lake City, UT. 14-19 August 2004.

SELECTED OTHER PUBLICATIONS:

- “The Direct Impacts of Air Quality Policies on Households.” AEI Outlook Series. American Enterprise Institute. Forthcoming, fall 2011.

“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.

Review of *Environmental Valuation Techniques to Historic Buildings, Monuments and Artifacts*, by Stale Navrud and Richard Ready, *Journal of Cultural Economics* 27 (3-4): 287-290, 2003.

“Proposal: The Predatory Bureau,” with John A. Baden. *Liberty*, 11 (4). 1 March 1998.

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

“Migrating Species,” with John A. Baden. *National Review*, 16 June 1997.

“This Predator Eats Pork, Saves Dough,” with John A. Baden. *USA Today*, 5 June 1997.

“Take Politics Out of Our National Parks,” with John A. Baden. *Investor’s Business Daily*, 24 April 1997.

“Flying Blind or Running Scared?” with John A. Baden. *Liberty*, 9 (6): 55-57, July 1996.

SERVICE AND PROFESSIONAL EXPERIENCE:

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

Member of Air Quality Health Advisory Task Force (org. by Mothers & Others for Clean Air)

Affiliated Faculty – Environmental Policy Program, Georgia State University

REFeree SERVICE:

Agricultural and Resource Economic Review, American Journal of Agricultural Economics, Annals of Regional Science, B.E. Journals in Economic Analysis & Policy, Cityscape, Contemporary Economic Policy, Ecological Economics, Economic Development Quarterly, Environment and Development Economics, Environmental and Resource Economics, Environmental Management, Environmental Science & Technology, Evidence & Policy, Fiscal Studies, Housing Policy Debate, International Journal of Cultural Policy, Journal of Cultural Economics, Journal of Economic Dynamics and Control, Journal of Environmental Economics and Management, Journal of Industrial Ecology, Journal of Policy Analysis and Management, Journal of Regional Science, Journal of Urban Economics, Journal of Urbanism, Policy Studies Journal, Real Estate Economics, Regional Science and Urban Economics, Review of Regional Studies, Risk Analysis, 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)

Western Economic Association International (WEAI)

Southern Economic Association (SEA)

Association of Cultural Economics International (ACEI)

American Real Estate and Urban Economics Association (AREUEA)

Northeastern Agricultural and Resource Economics Association (NAREA)

TEACHING EXPERIENCE:

Environmental Economics and Policy (Ph.D.)
Microeconomic Theory (MS, Ph.D.)
Environmental Policy Issues (MS/Ph.D.)
Open Source Software and Policy (BS/MS)
Formal Models for Policy Analysis (BS, Ph.D.)
Policy Analysis (BS)
Sustainability and Policy (BS)
Environmental Regulation (BS)

FELLOWSHIPS AND AWARDS:

Dean's Small Grant for Scholarship (Georgia Tech), 2011
Ivan Allen Faculty Legacy Award (Georgia Tech), 2007
Faculty Member of the Year (School of Public Policy, Georgia Tech), 2004-2005
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