

Daniel C. Matisoff, Ph.D.
Assistant Professor
Georgia Institute of Technology
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Education

- Indiana University, School of Public and Environmental Affairs, Bloomington, IN** Sept 2004 – December 2009
Ph.D. in Public Policy, concentration in Environmental Policy and International Relations
Coursework included heavy concentration in statistics and quantitative techniques, as well as research design.
Dissertation title: “The Patchwork Quilt of Climate Change Policies: An Assessment of Voluntary and Mandatory Greenhouse Gas Reduction Programs” (Committee: Evan Ringquist (Chair); Elinor Ostrom, John Maxwell, Beate Sissenich, Kenneth Richards)
- THEMES, Lisbon, Portugal.** Summer, 2008
Empirical methods in participation and policy-making in environmental policy.
- Inter-University Consortium for Political and Social Research (ICPSR), Ann Arbor, MI** Summer, 2006
Quantitative methods seminar for Ph.D. students and faculty.
- University of Pennsylvania, Philadelphia, PA** May 2002
B.A. Economics with a minor in Hispanic Studies
Senior Thesis: “Cooperation and the Kyoto Protocol: Domestic Politics Affect an International Game.”
- ICADE, Madrid, Spain** Spring 2001
Attained fluency in Spanish and completed all coursework in Spanish including courses in Management, Economics, and Spanish Literature.

Academic Work and Research Experience

- Georgia Institute of Technology, Assistant Professor, Atlanta, GA** January 2010 – Present
Research interests voluntary environmental behavior, diffusion of energy policies and energy technologies, regulated electric utility behavior, and energy efficiency and renewable energy programs. Teaching includes courses in American Government, Energy Policy, Environmental Policy, and the Policy Process.
Affiliations: Deputy Director – Climate and Energy Policy Laboratory; Strategic Energy Institute; Center for Urban Innovation
- Indiana University, Associate Instructor, Indiana University, Bloomington, IN** Fall 2006 – Spring 2009
Instructor in School of Public and Environmental Affairs. Taught: Statistical Techniques – Introduction to National and International Policy; Environment and People
- Indiana University, Research Assistant, Bloomington, IN** Sept 2004 – Summer 2006
Worked with Dr. Evan Ringquist on the projects “Do international environmental agreements matter?” and “Do congressmen keep campaign promises?” Coding of international environmental agreements and survey design.
- Houston Advanced Research Center (HARC), Research Associate, The Woodlands, TX** Nov 2002 – Jun 2004
Worked with Dr. Mitchell Mathis conducting environmental economic research on the project “Valuing Nature in Texas.” Worked on U.S.-Mexico scrap tire cooperation project, providing an institutional analysis of border scrap tire disposal.

Wharton Management Department, Research Assistant, Philadelphia, PA

Jun 2001 – Apr 2002

Worked for Dr. Witold Henisz conducting economic and regulatory research of privatization deals in the power industry and mobile services industry in South America and East Asia; use of Lexis/Nexis, ISI, and Dow Jones Interactive databases. Work has resulted in numerous books and World Bank publications.

World Game Institute, Research and Production Assistant, Philadelphia, PA

Jan 2000 – Jan 2001

Conducted economic research of multinational enterprise for the Mapping the Global Corporations Project funded by the Ford Foundation; assisting in the writing and production of the book “Global, Inc.” published in summer 2003 by the Free Press; use of ArcView GIS mapping software, use of Microsoft Excel and Adobe Illustrator for the production of graphs.

Publications in Refereed Journals

“Sources of Specification Errors in the Assessment of Voluntary Environmental Programs: Understanding Program Impacts.” *Policy Sciences. Forthcoming.*

“Electric Utilities, Fuel Use, and Responsiveness to Fuel Prices.” With Douglas Noonan and Jinshu Cui. *Energy Economics. In press.*

“Kindred Spirits or Intergovernmental Competition? Policy learning and the adoption of energy policies in the American states (1990 – 2008). With Jason Edwards. *Environmental Politics. V23 n5 2014.*

“Performance or Marketing Benefits? The Case of LEED Certification.” With Douglas Noonan and Anna Mazzolini. *Environmental Science and Technology. V48 n3, p2001-2007, 2014.*

“Different Rays of Sunlight: Understanding Information Disclosure and Carbon Transparency” *Energy Policy. V55 p579 – 592, 2013.*

“Convergence in Environmental Reporting: Assessing the Carbon Disclosure Project,” with Douglas Noonan and John O’Brien. *Business Strategy and the Environment. v22 n5, 285-305. July 2013.*

“Spatial Effects in Energy-Efficient Residential HVAC Technology Adoption,” with Douglas Noonan and Lin-Han Chiang Hsieh. *Environment & Behavior. 45(4): 476-503, 2013.*

“Privatizing climate change policy: is there a public benefit?” *Environmental and Resource Economics, v53 409-433, 2012.*

“Managing contested greenspace: the rise of dog parks.” With Douglas Noonan. *International Journal of the Commons. February, 2012.*

“Carbon trading, policy design and firm behavior: improving the efficiency of climate change policy.” *Environment, v52, n1 p10-19, 2010.*

“Are International Environmental Agreements Enforceable? Implications for Institutional Design.” *International Environmental Agreements, v10, n3 p166-187, 2010.*

“The Adoption of State Climate Change Policies and Renewable Portfolio Standards: Internal Determinants or Regional Diffusion?” *Review of Policy Research, v25, n6 Dec 2008.*

Under Review at Refereed Journals

“Park user characteristics, attitudes, and quasi-voluntary behavior.” *Revise and Resubmit at Nonprofit and Voluntary Studies Quarterly.*

“Understanding the drivers of energy efficiency in China” With Huibin Du. *Under Review.*

“Keeping up with the Joneses’ Energy-Efficient Residential Heating and Air Conditioning Systems.” with Douglas Noonan and Lin-Han Chiang Hsieh. *Under Review*.

“Impacts of net metering programs on electricity price”. With Sanya Carley and Jessica Alcorn. *Under Review*.

Reports and Working Papers

Mathis, Mitchell and Daniel Matisoff. 2004. “The value of water to sustain and preserve the ecosystem in the Lower Rio Grande Valley: characterization of ecotourism in the Lower Rio Grande Valley.” Houston Advanced Research Center. Working Paper. VNT 04-01.

Mathis, Mitchell and Daniel Matisoff. 2004. “A review of freshwater inflows data and related information regarding the Rio Grande Estuary.” Houston Advanced Research Center.

Cook, Valerie, Matisoff, Daniel, and Lisa Gonzalez. 2004. “Scrap tire disposal and recycling options.” Report to the Border Environmental Cooperation Commission.

Barker, William, Hitchcock, David, and Daniel Matisoff. 2003. “Baseline Class 4 Truck Inventory for the Houston-Galveston Region.” Deliverable from Task 3: Regional Vehicle Estimates and Survey: Emissions Testing of Prototype Diesel/Electric Hybrid Commercial Pickup/Delivery Vehicles (PUDS) and Assessment of Potential Emission Reductions in the Houston-Galveston Non-Attainment Area from Widespread Use in Delivery Fleets. Prepared for Texas Council on Environmental Technology, University of Texas, Austin.

Conference Proceedings, Conference Presentations, and Invited Presentations

“Energy Efficiency and 111(d).” Southeastern Energy Efficiency Alliance Policy Breakfast. Invited Panelist. July 16, 2014.

“Spatial competition and Green Signaling.” World Congress of Environmental And Resource Economists. Istanbul, Turkey, June 30, 2014.

“Spatial competition and Green Signaling.” Alliance for Research on Corporate Sustainability. Ithaca, NY. May 7-9, 2014.

“Competition and Green Building.” Invited Presentation. Scheller College of Management Business Strategy and Sustainability Seminar. Feb 21, 2014.

“Performance or Marketing Benefits? The Case of LEED Certification” Strategic Management Association Conference. Atlanta, GA September 30, 2013.

“The future of energy: economic and policy challenges.” Invited keynote speaker: Engineers for Sustainability. Atlanta, GA, February 28, 2013.

“State utility regulation and electricity prices.” Workshop on Policy Research. Georgia Institute of Technology, February 15, 2013.

“The future of energy.” Invited panel speaker: Association of Environmental Engineers. Atlanta, GA. November 28, 2013.

“Utility Responsiveness to Fuel Prices.” Southern Economics Association. November 16 – 18, 2012.

“Impacts of State Regulation on Electricity Pricing and Investment.” Association for Policy Analysis and Management. November 8-10, 2012.

“Privatizing Climate Change Policy.” Tianjin University; Tianjin, China. May 30, 2012.

“Kindred Spirits or Intergovernmental Competition? Policy learning and the adoption of energy policies in the American states (1990 – 2010).” Policy Innovation Workshop. University of Amsterdam. February 23-24, 2012.

- “Kindred Spirits or Intergovernmental Competition? Policy learning and the adoption of energy policies in the American states (1990 – 2010).” Workshop on Policy Research. Georgia Institute of Technology, February 17, 2012.
- “Managing Collective Green Space: The Rise of Dog Parks.” Association for Policy Analysis and Management. Washington, D.C. November 2-5, 2011.
- “Convergence in Voluntary Carbon Emissions Reporting Behavior: Assessing the Carbon Disclosure Project 2003 – 2010.” Association for Policy Analysis and Management. Washington, D.C. November 2-5, 2011.
- “Neighbor Effects and Installing Energy-Efficient Residential Heating and Air Conditioning Systems.” Association for Policy Analysis and Management. Washington, D.C. November 2-5, 2011.
- “Privatizing Climate Change Policy, is there a public benefit?” Association for Research on Corporate Sustainability Conference. Philadelphia, PA. May 6-9, 2011.
- “Privatizing climate change policy, is there a public benefit?” Southern Economics Conference. Atlanta, GA. November 21, 2010.
- “Privatizing climate change policy, is there a public benefit?” Association for Public Policy Analysis and Management Annual Conference. Boston, MA. November 4, 2010.
- “Privatizing climate change policy, is there a public benefit?” Workshop for Original Policy Research. Georgia Institute of Technology. March 4, 2010.
- “Understanding the trade-offs of climate change policy design: incorporating lessons from the European Union to policy formulation in the United States.” The Search for Wise Energy Policy Conference: June 11, 2009. Published online: <http://www.indiana.edu/~cree/documents/Climate%20Policy.pdf>
- “What we know about voluntary environmental policy.” Invited presentation for Ken Richards’ capstone class in environmental policy. April 1, 2009.
- “Firm decision-making and cap-and-trade policy.” Invited presentation for School of Public and Environmental Affairs Dean’s Council. May 5, 2009.
- “Bounded rationality and the European Union Emissions Trading Scheme.” Association of Public Policy Analysis and Management (APPAM) Conference, Los Angeles, CA: November 6-8, 2008.
- “The efficiency and effectiveness of institutions to address climate change.” Invited presentation. ETH Zurich: September, 15 2008.
- “The adoption of state climate change policies and renewable portfolio standards: internal determinants or regional diffusion?” Midwest Political Science Association Conference, Chicago, IL: April 22, 2008.
- “The Adoption of State Climate Change Policies and Renewable Portfolio Standards: Internal Determinants or Regional Diffusion?” Association of SPEA Ph.D. Students (ASPS) Conference, Bloomington, Indiana: February 22, 2008.
- “Domestic political structures, coalition realignments and the adoption of the Kyoto Protocol.” Association of SPEA Ph.D. Students (ASPS) Conference, Bloomington, Indiana: April 23, 2007.
- “Are international environmental agreements enforceable? implications for institutional design.” Workshop on Political Theory and Policy Analysis Mini-Conference. Bloomington, Indiana: December 13, 2005.
- “Designing effective international environmental agreements: theory and evidence from Europe.” Association of Public Policy Analysis and Management (APPAM) Conference, Washington D.C.: November 3–5, 2005. (With Evan Ringquist & Tatiana Kostadinova)
- “Initiatives on climate change: addressed through federalism.” Association of SPEA Ph.D. Students (ASPS) Conference, Bloomington, Indiana: February 4, 2005.

Grants, Awards, Honors, and Fellowships

Class of 1969 Teaching Fellows	2014 - 2015
NSF “Novel Materials for Energy Storage and Conversion” (Affiliated Faculty; \$3,155,553)	2011 - 2015
SGA 2014 – “Money in the Sun? Risky incentives for solar installations” (\$20,000)	2014
Dissertations Initiative for the Advancement of Climate Change Research (DISCCRS) Fellowship	2011
IAC – ISERF proposal development grant (\$2,500)	2010
Graduate Fellowship, Indiana University (\$93,000)	2004 - 2007
NSF Dissertation Improvement Fellowship (#0819244) (\$12,000)	2008 - 2009
DAAD German Academic Exchange Fellowship (\$5,400)	2008
European Union Center for Excellence: Pre-dissertation Travel Fellowship (\$2,800)	2006
THEMES Summer Institute for Empirical Methods, Lisbon, Portugal (\$2,500)	2008
SPEA Excellence in Writing Award: Environmental Science and Policy	2008
SPEA Excellence in Writing Award: Environmental Science and Policy	2007
SPEA Excellence in Writing Award: Environmental Science and Policy	2005

Public Service, Leadership Experience, and Other Interests

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| <ul style="list-style-type: none"> • EPA Carbon Disclosure Advisory Panel, 2012 • Director – Sustainability - ThinkBig living-learning community 2011 - • Georgia Tech in China 2012 • Grand Challenges PBL facilitator 2013 • School of Public Policy Graduate Committee 2010- • Qualifying Exam Committee – 2010 – • Energy and Environmental Specialty Exam Committee 2010 - • GSU / GaTech Public Policy Joint Committee 2010- • School of Public Policy Econ Search Committee 2013 | <ul style="list-style-type: none"> • School of Public Policy Faculty Search Committee 2014 • School of Public Policy Strategic Planning Committee 2013 • Association for SPEA Ph.D. Students, Chair, 2007 • SPEA Dean’s Student Committee 2007-2008 • SPEA Dean Search Committee 2008 • Bloomington Faculty Council (BFC)'s Student Academic Affairs committee 2008-2009 • Avid runner, including Boston Marathon (2004) • Indiana University Ultimate Frisbee Club Team 2004-2007 (Collegiate Nationals, 2007) • Science Olympiad Coach 2008, 2009 (Remote Sensing – Team placed 1st & 4th, nationally) |
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Professional Referee Service

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| <ul style="list-style-type: none"> • Journal of Environmental Economics and Management • Social Sciences and Humanities Research Council of Canada • Journal of Environmental Policy and Planning • Environmental and Resource Economics • Policy Studies Journal • Journal of Policy Analysis and Management • Journal of International Environmental Agreements • Strategic Management Society | <ul style="list-style-type: none"> • Dept of Education: Academic Decathlon Energy Policy Unit • Environmental Politics • Landscape and Urban Planning • Management Research Review • Energy Policy • Journal of Public Policy • State Politics and Policy Quarterly • Policy Sciences |
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Student Advising and Thesis Supervision

Doctoral Students	Status	Current Position
Lin-Han Chiang-Hsieh (Chair)	Graduated	Assistant Professor, Chung Yuan Christian University, Taiwan
Aselia Umanatova (Chair)	Current	
Shan Zhou	Current	
Mallory Flowers (Chair)	Current	

Xiaojing Sun	Current	
Yu Wang	Graduated	Assistant Professor, Iowa State University

Masters Students

Alexandra Mann	Graduated	Innovate Washington Program Coordinator
Fanny Guezzenec	Graduated	Chef de Projet Transition Ecologique

Software Packages, Language Skills

Stata	Erdas IMAGINE	German – Basic
ArcView GIS	Spanish –Fluent	Chinese – Survival

Professional Association Memberships

Association for Public Policy Analysis and Management
Association for Environmental and Resource Economists
Southern Economic Association
Academy of Management