
H. Spencer Banzhaf

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Education

Ph.D., 2001, Economics, Duke University, Durham, NC.

M.A., 1997, Economics, Duke University, Durham, NC.

B.A., 1992, *cum laude* with distinction, Economics, Duke University, Durham, NC.

Primary Appointments

2006— **Associate Professor**, Department of Economics, Georgia State University.

2001 - 2006 **Fellow**, Resources for the Future, Washington, DC.

1992 - 1995 **Economist**, Triangle Economic Research, Durham, NC (1994-5) and Research Triangle Institute, RTP, NC (1992-4).

Secondary Appointments

2010— **Senior Research Fellow**, Property and Environment Research Center (PERC)

2009— **Faculty Research Fellow**, National Bureau of Economic Research (NBER)

2005 - 2006 **Adjunct Assistant Professor**, Georgetown Public Policy Institute.

2003 - 2004 **Adjunct Assistant Professor**, Georgetown Dept. of Economics.

1998 -1999 **Instructor**, Duke University Dept. of Economics.

1995 - 1998 **Consultant-In-Residence**, Triangle Economic Research.

1995 - 1998 **Teaching Assistant**, Duke University Dept. of Economics.

Fellowships, Honors and Awards

- *Who's Who in America*.
- Winner of "best article" prize, History of Economics Society, 2010.
- Lone Mountain Fellow (Property and Environment Research Center [PERC]), 2009.
- Julian Simon Fellow (Property and Environment Research Center [PERC]), 2007.
- David C. Lincoln Fellowship (Lincoln Institute of Land Policy), 2007.
- Harvey Fellow (Mustard Seed Foundation), 1998-2001.
- Joseph J. Spengler Fellow (Duke University), 1995-96.
- Best undergraduate honors thesis, Department of Economics, Duke University, 1992.

Research Grants & Contracts

1. "Consumers' Progress: The History of Applied Welfare Economics." National Science Foundation (Science, Technology, and Society). PI. 2008. \$63k.
2. "Markets for Land and Pollution: Implications for Environmental Justice." Property and Environmental Research Center (PERC). PI. 2008. \$70k.
3. "Can Panel-based Internet Surveys be Trusted for Determining Willingness to Pay?" Environmental Protection Agency. Co-investigator with D. Burtraw, T.A. Cameron, D. Evans, and A. Krupnick. 2007. \$255k, 3 years.
4. "Can Panel-based Internet Surveys be Trusted?" National Science Foundation (Methodology, Measurement, and Statistics). Co-PI with A. Krupnick, with co-investigators D. Burtraw, T.A. Cameron, and D. Evans. 2007. \$68k.
5. "Measuring Progress: The History of Applied Welfare Economics." Georgia State University Research Initiation Grant. PI. 2007. \$10k.
6. "How 'Smart' is the Split-Rate Tax?" Lincoln Institute of Land Policy. PI. 2006. \$40k.
7. "Environmental Gentrification." Environmental Protection Agency/Industrial Economics. 2006. PI. \$10k.
8. "Valuation of Regional Ecological Responses to Acidification and Techniques for Transferring Estimates." EPA Star grant. Co-Investigator with D. Burtraw, A. Krupnick, and J. Siikamäki. 2005. \$679k, 3 years.
9. "Conservation Voted: What is the American Electorate Revealing?" Lincoln Institute of Land Policy. Co-PI, with W.E. Oates, J. Sanchirico, and R.P. Walsh. 2005. \$90k, 2 years.
10. "Ecological Values of Preserving Land for Smart Growth." Doris Duke Foundation and Island Press. PI. 2004. \$25k.
11. "Environmental Gentrification: Environmental Justice and Sorting." National Science Foundation (economics). Co-PI with N. Flores and R.P. Walsh. 2003. \$345k, 3 years.
12. "Multi-Pollutant Policies for the Electricity Sector and Environmental Quality in the Empire State." New York State Energy Research and Development Authority (NYSERDA). Co-Investigator, with D. Burtraw, K. Palmer, and J.-S. Shih. 2003. \$233k, 2 years.

Publications

Books

- *Keeping Faith, Losing Faith: Religious Belief and Political Economy*, ed. with B. Bateman. Duke University Press, 2008.
- *Environmental Policy Analysis with Limited Information: Principles and Applications of the Transfer Method*, Cheltenham, UK: Edward Elgar, 1998 (with W.H. Desvousges and F.R. Johnson).

Journal Articles

1. "Selection and Design of Local Referenda for Land Conservation," forthcoming *Journal of Policy Analysis and Management* (with W.E. Oates and J.N. Sanchirico).
2. "Designing Economic Instruments for the Environment in a Decentralized System," *Journal of Economic Surveys*, forthcoming (with J. Alm).
3. "Consumer Surplus with Apology: A Historical Perspective on Non-Market Valuation and Recreation Demand," *Annual Review of Resource Economics*, forthcoming.
4. "Can the Land Tax Help Curb Urban Sprawl? Evidence from Growth Patterns in Pennsylvania," *Journal of Urban Economics* 67(2), 2010, pp. 169-79 (with N. Lavery).
5. "Economics at the Fringe: Non-Market Valuation Studies and their Role in Land Use Plans in the United States," *Journal of Environmental Management* 91(3), 2010, pp. 592-602.
6. "Can Weak Substitution Be Rehabilitated?" *Environmental and Resource Economics*, 45(2), 2010, pp. 03-1 (with M.F. Evans, and C. Poulos, V.K. Smith).
7. "Objective or Multi-objective? Two Historically Competing Visions for Benefit-Cost Analysis." *Land Economics* 85(1), 2009, pp. 1-23.

—Winner of 2010 award for "Best Article in the History of Economics," from the History of Economics Society.

8. "Do People Vote with their Feet? An Empirical Test of Tiebout's Mechanism," *American Economic Review* 98(3), 2008, pp. 843-63 (with R.P. Walsh).
9. "Meta Analysis in Model Implementation: Choice Sets and the Valuation of Air Quality Improvements," *Journal of Applied Econometrics* 22, 2007, pp. 1013-31 (with V.K. Smith).

10. "What Are Ecosystem Services? The Need for Standardized Environmental Accounting Units," *Ecological Economics* 63(2-3), 2007, pp. 616-26 (with J. Boyd).

—Profiled by Thompson's Essential Science Indicators as a "hot new paper," receiving citations ranking it in the top 0.1% of all new (<2 yrs) papers in economics & business.

11. "Quality Adjusted Price Indexes and the Willig Condition," *Economics Letters* 94(1), 2007, pp. 43-8 (with V.K. Smith).
12. "Valuation of Natural Resource Improvements in the Adirondacks," *Land Economics* 82(3), 2006, pp. 445-464 (with D. Burtraw, D. Evans, and A.J. Krupnick).
13. "Green Price Indices," *Journal of Environmental Economics and Management* 49(2), 2005, pp. 262-280.
14. "Efficient Emission Fees in the US Electricity Sector," *Resource and Energy Economics* 26, 2004, pp. 317-341 (with D. Burtraw and K. Palmer).
15. "Estimating the General Equilibrium Benefits of Large Changes in Spatially Delineated Public Goods," *International Economic Review* 45(4), 2004, pp. 1047-1077 (with H. Sieg, V.K. Smith, and R. Walsh).

—Reprinted in *Distributional Effects of Environmental and Energy Policy*, ed. by D. Fullerton, 2009, Ashgate.

—Also reprinted in *Revealed Preference Approaches to Environmental Valuation, vol. II*, ed. by J. Herriges and C. Kling, 2008, Ashgate.

16. "General Equilibrium Benefits for Environmental Improvements: Projected Ozone Reductions under EPA's Prospective Analysis for the Los Angeles Air Basin," *Journal of Environmental Economics and Management* 47(3), 2004, pp. 559-584 (with H. Sieg, V.K. Smith, and R. Walsh).

—Reprinted in *Benefit-Cost Analysis, vol. II* (in *The International Library of Critical Writings in Economics*), edited by R.O. Zerbe, 2008, Elgar.

—Also reprinted in *Revealed Preference Approaches to Environmental Valuation, vol. II*, ed. by J. Herriges and C. Kling, 2008, Ashgate.

17. "A Diagrammatic Exposition of Weak Complementarity and the Willig Condition," *American Journal of Agricultural Economics* 86(2), 2004, pp. 455-466 (with V.K. Smith).

—Reprinted in *Revealed Preference Approaches to Environmental Valuation, vol. I*, ed. by J. Herriges and C. Kling, 2008, Ashgate.

18. "The Form and Function of Price Indexes: An Historical Accounting," *History of Political Economy* 36(4), 2004, pp. 589-616.

19. "Interjurisdictional Housing Prices in Locational Equilibrium," *Journal of Urban Economics*, 52(1), 2002, pp. 131-153 (with H. Sieg, V.K. Smith, and R. Walsh).
20. "Productive Nature and the Net Product," *History of Political Economy* 32(3), 2000, p. 17-52.
21. "The Role of Optimizing Behavior in Willingness-to-Pay Estimates for Air Quality," *American Journal of Agricultural Economics, papers and proceedings* 81(5), 1999, pp. 1112-1117 (with H. Sieg, V.K. Smith, and R. Walsh).
22. "Archiving the History of Economics," *Journal of Economic Literature* 36, 1998, pp. 1496-1501 (with T.A. Gayer, S.J. Meardon, and E.R. Weintraub).
23. "Valuing Morbidity: An Integration of the Willingness to Pay and Health Status Index Literatures," *Journal of Health Economics* 16, 1997, pp. 641-665 (with E.E. Fries and F.R. Johnson).
24. "Assessing the Externalities of Electricity Generation in the Midwest," *Resource and Energy Economics* 18, 1996, pp. 395-421 (with W.H. Desvousges and F.R. Johnson).

Book Chapters

1. "Augmented Cost-of-Living Indices for Public Goods: US Air Quality, 1971-2003," in *Price and Productivity Measurement*, ed. by W.E. Diewert, B.M. Balk, D. Fixler, K.J. Fox, and A.O. Nakamura, Trafford Press, forthcoming.
2. "The Chicago School of Welfare Economics," in *The Elgar Companion to the Chicago School*, ed. by R. Emmett, pp. 59-69, Cheltenham, UK: Edward Elgar, 2010.
3. "Valuing Benefits from Ecosystem Improvements Using Preference Methods: An Example from Reducing Acidification in the Adirondacks Park," in *Saving Biological Diversity: Balancing Protection of Endangered Species and Ecosystems*, ed. by R. Askins and G. Dreyer, pp. 101-117, New York: Springer, 2008 (with D.A. Evans, D. Burtraw, A.J. Krupnick, and J. Siikamäki).
4. "Keeping Faith, Losing Faith: An Introduction," in *Keeping Faith, Losing Faith: Religious Belief and Political Economy*, ed. by H.S. Banzhaf and B. Bateman, *History of Political Economy* 40(supplement), pp. 1-20, Durham, NC: Duke University Press, 2008.
5. "The Other Economics Department: Demand and Value Theory in Early Agricultural Economics," in *Agreement on Demand: The History of 20th Century Demand Theory*, ed. by P. Mirowski and W. Hands, *History of Political Economy* 38(supplement), pp. 9-31, Durham, NC: Duke University Press, 2006.
6. "Quantifying the Qualitative: Quality-Adjusted Price Indexes, 1915-1961," in *The Age of Economic Measurement*, ed. by J.L. Klein and M.S. Morgan, *History of Political Economy* 33(supplement), Durham, NC: Duke University Press, 2001.

Book Reviews

- Review of *The Environmental Consequences of War*, edited by J.E. Austin and C.E. Bruch, Cambridge University Press, *Journal of Economic Literature* 40(3), 2002.

Papers under Review and Current Working Papers

1. "On Ricardian Equivalence in Local Public Finance," May 2008 (with W.E. Oates). Revision requested.
2. "Do Households Value School Effectiveness? A Natural Experiment," Sept. 2009 (with G. Bhalla). Revision Requested.
3. "Heterogeneous Harm vs. Spatial Spillovers: Which Level of Government Should Regulate US Air Pollution?" NBER Working Paper 15666, Jan. 2010, (with B.A. Chupp). Under Review.
4. "Segregation and Tiebout Sorting: Investigating the Link between Public Goods and Demographic Composition," NBER Working Paper 16057, May 2010, (with R.P. Walsh). Under Review.
5. "Methods for Analyzing Environmental Justice Effects with Dispersed Pollutants," paper prepared for an EPA workshop on Analytical Methods for Assessing the Environmental Justice Implications of Environmental Regulations," prepared May 2010.
6. "Simulated Tests of First-Stage Hedonic Regressions," mimeo, Nov. 2003.

General Interest and Professional Publications

1. "Tax the other Smoke: Raise the Gas Tax." Guest column in *Atlanta Journal-Constitution*, March 17, 2010, p. A19 (with Paul Ferraro).
2. "Views on Toxic Atlanta" [Discussion of Forbes Magazine's Ranking of Atlanta as "most toxic city"], *Atlanta Journal-Constitution*, Sunday Nov. 8, 2009, p. B6.
3. "Liberty and (Environmental) Justice for All." *PERC Reports* 27, Summer 2009, pp. 28-31.
4. "The Political Economy of Environmental Justice," *RFF Policy Commentary*, May 22, 2009. —Reprinted in *Issues of the Day: One Hundred Policy Commentaries on Climate, Energy, the Environment, Transportation, and Public Health Policy*. Ed. by I.W.H. Parry and F. Day. Washington, DC: Resources for the Future, 2010, pp. 100-101.
5. "Conservation Through the Ballot Box: The Success of Local Referenda for the Preservation of Open Space," *Landlines*, April 2008 (with W.E. Oates and J. Sanchirico).
6. "Voting For Conservation: What Is The American Electorate Revealing?" *Resources*, Winter 2006 (with W.E. Oates, J. Sanchirico, D. Simpson, and R. Walsh).

7. "Ecosystem Services and Government Accountability: The Need for a New Way of Judging Nature's Value," *Resources*, Summer 2005 (with J. Boyd).
8. "Forever Wild, But Do We Care? How New Yorkers Value Natural Resource Improvements in the Adirondacks," *Resources*, Summer 2005 (with D. Burtraw, D. Evans, and A.J. Krupnick).
9. "Establishing a Bureau of Environmental Statistics," *Issues in Science and Technology*, Winter 2004, pp. 26-30.
10. "Accounting for the Environment," *Resources*, Fall 2003.
—Reprinted in *The RFF Reader*, 2nd ed., ed. by W.E. Oates, Washington, DC: Resources for the Future, 2005.
—Also reprinted, with minor changes, as "An Institutional Home for Environmental Statistics" in *Policy Advice to the President*, Washington, DC: Resources for the Future, 2004.
11. "Capping Emissions: How Low Should We Go?" *Public Utilities Fortnightly*, December 2002 (with D. Burtraw and K. Palmer).
12. "Proposed Regulation of Multiple Pollutants in the Electricity Sector is Historic, but is it Sensible?" *Resources*, Summer 2002 (with D. Burtraw and K. Palmer).

Other Papers

1. "Cap-and-Trade for Free-Market Environmentalists," Paper Prepared for the Workshop on "Tough Questions for Free Market Environmentalism," Property and Environment Research Center (PERC), July 2010.
2. "Environmental Justice: Opportunities through Markets." PERC Policy Series, Nov. 2008.
3. "Moving Beyond Cleanup: Identifying the Crucibles of Environmental Gentrification," National Center for Environmental Economics Working Paper 07-02, Dec. 2006 (with E. McCormick).
4. "The Architecture and Measurement of an Ecosystem Services Index," RFF Discussion Paper 05-22, April 2005. Paper for NSF conference on *Linking Economic and Ecological Models for Environmental Policy Analysis* (with J. Boyd).
5. "Quality Adjustment for Spatially-Delineated Public Goods: Theory and Application to Cost-of-Living Indices in LA," *Resources for the Future Discussion Paper 02-10*, March 2002. Revised, 2005.
6. "Adding Environmental Services to an Economy's Scorecard," RFF Issue Brief 02-09, 2002 (with V.K. Smith).
7. "Estimating Recreation Use Levels with Periodic Counts," TER Working Paper No. T-9602, Triangle Economic Research, Durham, NC, 1996.

8. "A Cooperative Approach for Measuring Direct-Use Damages: The 1992 Avila Beach (CA) Oil Spill," Paper presented at the International Oil Spill Conference, Long Beach, CA, February 27-March 2, 1995 (with R.W. Dunford and K.E. Mathews).
9. "Images of Generation: Animal Oeconomy and Prosperity in Doctors Quesnay and Mandeville." Paper presented at the International Conference for the Tercentenary of the Birth of François Quesnay, Versailles, France, 1994 (with N. de Marchi).

Reports

1. "Valuation of Natural Resource Improvements in the Adirondacks." Final Technical Report Submitted to the U.S. Environmental Protection Agency, EPA CX 826562-01-2, January 9, 2004 (with D. Burtraw, D. Evans, A.J. Krupnick.)
2. "Assessing Environmental Externality Costs for Electricity Generation in Wisconsin," 7 vols., Report prepared for the [Wisconsin] Task Force on Externality Costing, Durham, NC, Triangle Economic Research, 1996 (with W.H. Desvousges, F.R. Johnson, R.R. Russell, E.E. Fries, K.J. Dietz, S.C. Helms, D. Keen, J. Snyder, H. Balentine, V. Sadeghi, and S.A. Martin).
3. "Assessing Environmental Externality Costs for Electricity Generation" 7 vols., Report prepared for Northern States Power Company, Durham, NC, Triangle Economic Research, May 1995 (with W.H. Desvousges, F.R. Johnson, R.R. Russell, E.E. Fries, K.J. Dietz, S.C. Helms, D. Keen, J. Snyder, H. Balentine, V. Sadeghi, and S.A. Martin).
4. "Damage Estimates for Selected Recreation Activities from the Avila Beach Oil Spill," Report prepared for Union Oil Company of California, May 1993 (with R.W. Dunford and K.E. Mathews).

Professional Activities

Editorial Duties

- Book Review Editor, *Journal of the History of Economic Thought*, 2009-.
- Editorial Council, *Journal of Environmental Economics & Management*, 2009-.
- Board of Editors, *History of Political Economy*, 2006-.

Fellowship & Prize Review Committees

- Best Article Prize, Assoc. of Environmental & Resource Economics (AERE), 2009-.
- Best Article Prize, History of Economics Society, 2004-6 (chairman, 2006).
- Harvey Fellowship, Mustard Seed Foundation, 1998-.
- Krutilla Fellowship, Resources for the Future, 2009-.

Reviewer for:

American Economic Review
American Enterprise Institute
American J. of Agricultural Economics
American J. of Economics & Sociology
B.E. J. of Economic Analysis & Policy
Conservation Letters
Economic Inquiry
Energy J.
Environmental Management
Environmental & Resource Economics
European Economic Review
European J. of the History of Economic Thought
History of Political Economy
J. of Agricultural & Resource Economics
J. of Business & Economic Statistics
J. of Economic Education
J. of Economic Methodology

J. of Environmental Economics & Management
J. of Environmental Management
J. of Environmental Planning & Management
J. of the History of Economic Thought
J. of Public Economics
J. of Urban Economics
J. of Urban Affairs
Land Economics
National Science Foundation
Regional Science & Urban Economics
Research in the Hist. of Econ. Thought & Method.
Review of Economics and Statistics
Risk Analysis
Routledge Press.
Urban Affairs Review

Member of:

American Economic Assoc., Assoc. of Christian Economists, Assoc. of Environmental and Resource Economists, History of Economics Society, Southern Economics Assoc, Urban Economics Assoc.

Policy Consulting and Outreach

- Environmental Protection Agency, Environmental Justice in Regulatory Impact Analysis, 2010.
- City of Atlanta Sustainable Brownfields Project advisory committee, 2007-8.
- World Bank, "Economic Instruments for the Environment in a Decentralized System," 2007.
- Trust for Public Lands, "What Value Does a City Receive from its Park System?" 2005.

Community Outreach

- Bastiat Society (Charleston, SC) & Columbia Economics Club (Columbia, SC), "Markets for Public Goods: How Citizens Win when Cities Compete," 2010.
- Keynote speaker, American Academy of Environmental Engineers annual meeting, "What is Environmental Economics," 2008.
- Debate on Climate Change Policy, sponsored by the Greenville, Spartanburg, and Greer chambers of commerce and hosted by Congressman Bob Inglis (ranking member of House Energy and Environment Subcommittee), 2007.
- Institute for Christian Studies, Instructor, "Wealth, Politics, & Christianity," 2003, 2005.

Teaching

Courses Taught

Advanced Microeconomic Theory I (PhD) (Georgia State University, 2009)

Environmental & Natural Resource Economics (PhD) (Georgia State University, 2008, 2007).

Environmental & Natural Resource Economics (undergrad) (Georgetown 2003, Duke 1999, '98).

Principles of Microeconomics (Georgia State University, 2010, 2008, 2006).

Student Advising

PhD Supervisor:

B. Andrew Chupp (Asst. Prof, IL State U) (2009).

PhD Committee Member:

A. Balthrop, K. Donaldson (reader), D.T. Hall (reader), M. Hanauer, W. Holmes (2010), S. Jacobson (2010), E. Johnson (U of Colorado, 2008), I. Kochi (2006), M. Lawson (U of Colorado, 2009), I. Navarro (2008), J.V. Winters (reader).

MPP Advisor (Georgetown 2006):

G. Bhalla, M. Klovers, N. Lavery, L. Mehta, Y. Okazaki.

Academic Conference, Workshop, and Seminar Presentations

2010

Duke Univ.: Panelist for "The Uses of Economics: Past and Future," A Celebration of the 40th

Anniversary of the journal *History of Political Economy* & the editorship of C. Goodwin.

Harvard University (Kennedy School)

Liberty Fund/PERC conference on "The Paradox of Environmental Policy," Big Sky, MT

PERC workshop on "Tough Questions for Free Market Environmentalism," Bozeman, MT

Resources for the Future

US EPA workshop on Assessing Environmental Justice Implications of Environmental Regulations

2009

ASSA Meetings, San Francisco

Arizona State University (Economics)

EPA Workshop on Benefits of Reducing Hazardous Air Pollutants, Washington, DC

GSU Summer School in Public Economics

National Bureau of Economic Research (NBER) Summer Institute

Property and Environment Research Center (PERC)

University of Georgia (AAE)

2008

ASSA Meetings, New Orleans

CU Workshop on Environmental Economics

European Science Foundation's annual conference on Public Goods, Public Projects, and Externalities

(PGPPE), Paris

Organizer: PERC Lone Mountain Forum on "Markets for Housing and Pollution: Implications for Environmental Justice," Big Sky, MT
Southern Economic Association Meetings, Washington, DC
University of Pittsburgh (Economics)
University of Wyoming (Economics)

2007

Co-organizer: Duke History of Political Economy (HOPE) Conference on "Keeping Faith: Religious Belief and Political Economy"
Georgia State University (Economics)
History of Economics Society Meetings, Fairfax, VA
Liberty Fund Conference on "Rights, Responsibilities, and Freedom: The Contributions of Armen A. Alchian," Emigrant, MT
Lincoln Institute of Land Policy
Montana State University (Economics)
Property and Environment Research Center (PERC)
Triangle Resource and Environmental Economics Workshop
University of Central Florida (Economics)
US Dept of Defense workshop on Southeast Regional Partnership for Planning & Sustainability
Wildlife Habitat Council conference on "Restoring Greenspace: Ecological Reuse of Contaminated Properties," Atlanta

2006

ASSA Meetings (AERE Session), Boston
Duke University (Nicholas School)
Economics of Conservation Easements workshop, Lincoln Inst. of Land Policy
EPA—National Center for Environmental Economics
Georgia State University (Economics)
History of Economics Society Meetings, Grinnell, IA
RFF/EPA Conference on "Practical Measurement of Ecosystem Services"
Southern Economic Association Meetings (2x), Charleston, SC
Rice University (Economics)
University of Wisconsin (REULE)

2005

ASSA Meetings (AERE Session), Philadelphia
George Mason Institute for Preservation of the History of Economic Thought
Duke HOPE Conference on "The History of 20th Century Demand Theory"
NSF Biocomplexity Conference, Santa Fe
Southern Economic Association Meetings, Washington, DC
University of Maryland (Public Policy)

2004

Association of Environmental and Resource Economists (AERE) Workshop, Estes Park, CO
CU Workshop on Environmental Economics
Duke History of Political Economy Workshop
EPA Workshop on "Valuation of Ecological Benefits", Washington, DC
EPA—National Center for Environmental Economics
History of Economics Society meetings, Toronto
Conference on Index Number Theory and the Measurement of Prices & Productivity, Vancouver

Research Triangle Environmental Workshop
Resources for the Future
University of Maryland (AREC)

2003

"Camp Resources" panel
CU Workshop on Environmental Economics
History of Economics Society Meetings, Durham, NC
Research Triangle Environmental Workshop
Western Economic Association Meetings, Denver

2002

Baylor University (Economics)
Bureau of Labor Statistics
"Camp Resources"
DOE—Electricity Working Group
Duke History of Political Economy Workshop
Rice University (Economics)
World Congress of Environmental Economists (2x), Santa Barbara, CA

2001

Duke University (Nicholas School)
Eastern Carolina University (Economics)
Oberlin College (Economics)
Research Triangle Institute
Resources for the Future
Scripps College
University of Alabama (Economics)
University of Tennessee (Economics)

2000

ASSA Meetings (Econometrics Society Session), Boston
American Agricultural Economics Association Meetings, Tampa Bay, FL
"Camp Resources"
Duke History of Political Economy Workshop
Duke HOPE Conference on "The Age of Economic Measurement"

Before 2000

"Camp Resources," 1999, 1997, 1993
Duke History of Political Economy Workshop, 1996
History of Economics Society Meetings, Greensboro, NC, 1999, and Charleston, SC, 1997
Hotelling Triangle Econometrics Conference, 1999
International Conference for the Tercentenary of the Birth of François Quesnay, Versailles, 1994.