

Katherine T. McClain, Ph.D.
Curriculum Vitae

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Education

Ph.D. in Economics, 1988
The University of California, San Diego
Dissertation: *Trend Analysis of Economic Time Series*. Advisor: Sir Clive Granger
Honors: San Diego Fellowship in Economics, 1982-84

Master of Arts in Economics, 1984
The University of California, San Diego

Bachelor of Science with High Honors, 1981
The Pennsylvania State University
Major: Mineral Economics
Honors: Phi Kappa Phi Honor Society, Consolidation Coal Company Scholarship,
Dean's List

Teaching and Research Fields

International Economics, Econometrics, Probability and Statistics, Forecasting, Microeconomics, Macroeconomics

Professional Experience

- 2015- **Senior Lecturer and Graduate Teaching Assistant Coordinator**, *Department of Economics*,
The University of Georgia, Athens, GA

- 2013 **Terry Study Abroad** to China

- 2010-2014 **Lecturer and Graduate Teaching Assistant Coordinator**, *Department of Economics*,
The University of Georgia, Athens, GA

- 2003-2010 **Terry Teaching Fellow**, *Department of Banking and Finance*, The University of Georgia, Athens, GA

- 2001-2002 **Adjunct Professor**, *Skagit Valley Community College*, Oak Harbor, WA.

- 2000-2004 **Independent Consultant and Expert Witness**

- 1998-2000 **Director**, *Learning Edge Academic Program*
Office of Undergraduate Education, The Pennsylvania State University

- 1990-1998 **Assistant Professor**, *Department of Energy, Environmental, and Mineral*
Economics, The Pennsylvania State University

- 1988-1990 **Assistant Professor**, *Department of Economics*, Wellesley College

- 1986-1986 **Research Assistant**, *Quantitative Economic Research, Inc.*, San Diego, CA.

- 1984-1986 **Teaching Assistant**, *Department of Economics*, The University of California, San Diego

- 1980 **Intern**, *Chase Econometrics, Metals and Minerals Division*, Bala Cynwyd, PA.

Honors and Awards

Outstanding Professor Award, University of Georgia Student Government Association, 2016
Online Learning Fellow, University of Georgia, 2013 – 2104
Swift Award for Outstanding Undergraduate Teaching in Economics, University of Georgia, 2012, 2014
Provost's Award for Collaborative Instruction and Curricular Innovation, 1993

Publications

Humphreys, H. Brett and Katherine T. McClain (1998) "Reducing the Impacts of Energy Price Volatility Through Dynamic Portfolio Selection," *The Energy Journal* 19(2).

Kiel, Katherine and Katherine T. McClain (1996) "House Price Recovery and Stigma After a Failed Siting," *Applied Economics* 28, pp. 1351-1358.

Lazo, Jeffrey K. and Katherine T. McClain (1996) "Community Perceptions of Environmental Impacts of Energy Policy: Rail Shipment of Coal," *Energy Policy* 24(6), pp. 531-540.

McClain, Katherine T., H. Brett Humphreys, and Atahualpa Boscan (1996) "Measuring Risk in the Mining Sector with ARCH Models," *The Journal of Empirical Finance* 3(4), pp. 369-391.

Kiel, Katherine and Katherine T. McClain (1995) "The Effect of an Incinerator Siting on Housing Appreciation Rates," *The Journal of Urban Economics* 37, pp. 311-323.

McClain, Katherine T. and Jeffrey Wooldridge (1995) "A Simple Test for the Consistency of Dynamic Linear Regression in Rational Distributed Lag Models," *Economic Letters* 48, pp. 235-240.

Kiel, Katherine and Katherine T. McClain (1995) "House Prices During Siting Decision Stages: The Case of an Incinerator from Rumor Through Operation," *The Journal of Environmental Economics and Management* 28(2), pp. 241-255.

McClain, Katherine T. (1995) "Recycling Programs," in Bromley, Daniel, editor, *Handbook of Environmental Economics*, Blackwell, pp. 222-239.

McClain, Katherine T. and Len Nichols (1994) "On the Relation Between Real Investment and Inflation: Some Results from Cointegration, Causation, and Sign Tests," *The Journal of Post-Keynesian Economics* 16(2), pp. 205-219.

McClain, Katherine T. (1993) "Economics Considerations of Resource Scarcity," in Majumdar, S., et al., editors, *Conservation and Resource Management*, The Pennsylvania Academy of Sciences, pp. 253-264.

Government Reports

"Environmental and Property Damage Due to Rail Shipments of Coal: Fugitive Coal Dust Emissions Project," Chapter 4.7 in The Development of Coal-Based Technologies for Department of Defense Facilities: Phase II Final Report, U.S. Department of Energy, DE-FC22-92PC92162, 1995.

"Environmental Costs and Regulatory Burden," Chapter 4.6 in The Development of Coal-Based Technologies for Department of Defense Facilities: Phase I Final Report, U.S. Department of Energy, DE-FC22-92PC92162, 1994.

Major Grant and Contract Research

Co-Principal Investigator: "Undesirable Facilities and Political Boundaries: Neighborhood Dynamics and House Prices," U.S. Environmental Protection Agency, July 1995-June 1996 (with Katherine Kiel).

Co-Principal Investigator: "House Prices During Unwanted Facility Siting Decision Stages," U.S. Environmental Protection Agency, August 1992-July 1994 (with Katherine Kiel).

Co-Investigator: "The Development of Coal-Based Fuel Technologies for Department of Defense Facilities," Department of Energy/Department of Defense, October 1992-September 1994.

Principal Investigator: "Impact of Transportation Factors and Market Boundaries on Community Recycling Programs," Research Initiation Grant, The Pennsylvania State University.

Small Grants

Faculty Research Grant, The Pennsylvania State University, 1991.

Grant to Support Scholarly Activities, Wellesley College, 1989.

Grant to Support Scholarly Research, Technology Studies Program of Wellesley College, 1989.

Course Development Grant, Technology Studies Program of Wellesley College, 1989.

Special Dissertation Grant, Wellesley College, 1988.

Presentations

"Making a Difference in Student Outcomes"

Economics Teaching Conference, Atlanta GA 2016

"Best Practices in the Classroom"

Innovating and Redesigning for Student Success, Atlanta GA 2013

"The Teaching of Statistics to Business Students"

Department of Statistics, The University of Georgia, 2010

"Risk Perceptions and the Valuation of Welfare Impacts from Undesirable Facilities"

Society of Risk Analysis, Annual Meeting, 1996.

Mineral Economics and Management Society, Annual Conference, 1997.

Risk Assessment and Policy Association International Meeting, 1997.

"Undesirable Facilities and Non-Host Community Effects"

Environmental Protection Agency, 2000.

North American Regional Science Association International Meetings, 1995.

"The Impact of a Failed Incinerator Siting on Local House Prices"

Allied social Science Association, North American Winter Meetings, 1995.

"Measuring Risk in the Mining Sector with ARCH Models"

Allied Social Science Association, North American Winter Meetings, 1994.

Colorado School of Mines, Department of Mineral Economics, 1993.

Mineral Economics and Management Society, Annual Conference, 1993.

"Incinerator Sitings, House Prices, and Appreciation Rates: A Comprehensive Examination"

North American Regional Science Association International Meetings, 1993.

University of Arizona, Department of Economics, 1993.

“The Effect of an Incinerator Siting on Housing Appreciation Rates”
Allied Social Science Association, North American Winter Meetings, 1993.

“House Prices During Siting Decision Stages: The Case of an Incinerator from Rumor Through Operation”
Allied Social Science Association, North American Winter Meetings, 1993.
The Pennsylvania State University, Department of Geography, 1992.

“Testing for Cointegration in Trending Variables”
MIT/Harvard Joint Economic Workshop, 1989.
Williams College, Department of Economics, 1990.
Wesleyan University, Department of Economics, 1990.
Franklin and Marshall College, Department of Economics, 1990.

Professional Service

Faculty Advocate, Pearson Education, 2014 – present

Pearson Education Digital Advisory Board, 2013 – present

College Board AP Economics Colloquium, 2014

Discussant, Southern Economics Association, 2010

Textbook and Digital Platform Reviewer: Pearson Addison-Wesley Publishing, 2008 - 2016
W.W. Norton, 2014
Cengage Learning, 2012, 2016
McGraw-Hill, 2012

Journal Referee: *The Journal of Environmental Economics and Management*, *Land Economics*, *The Journal of Regional Science*, *Contemporary Economic Policy*, *The Journal of Economic Education*, *The Journal of Economics and Philosophy*, *Growth and Change*, *Journal of Risk Analysis*.

EPA Peer Reviewer, 1998.

External Reviewer, University of Wisconsin Solid Waste Recovery Research Program, 1996.

Session Chair, North American Regional Science Association International Meetings, 1995.

Discussant, American Real Estate and Urban Economics Association, North American Winter Meetings, 1994.

Secretary, Mineral Economics and Management Society, 1993.

Discussant, Econometric Society, North American Winter Meetings, 1990.

Participant, Conference of the Commercialization of Space, Franklin and Marshall College, June 1989.

Association of American Colleges’ Project on Curriculum Assessment, 1988.

Student Research Supervision

Doctoral Students: Committee Chair

H. Brett Humphreys, “Option Pricing and Volatility Spillover in the Commodity Markets,” 1997.

Gi Chul Jung, "An Investigation of Inventory Behavior in the United State Fossil Fuel Industries: Coal, Crude Oil, and Natural Gas," 1996.

Master's Students: Committee Chair

Kristen Strellec, "A Comparison Between Continuous Distance and Discrete Zones in Hedonic Housing Studies," 1995.

Gi Chul Jung, "The Energy/GDP Relationship: Past Results and New Evidence from Cointegration," 1993.

Atahualpa Boscan, "Measuring Risk in the Mining Sector with Autoregressive Conditional Heteroskedastic Models," 1993.

Administrative Service

Graduate Teaching Assistant Coordinator, Department of Economics, University of Georgia, 2013 - present

International Business Coordination Committee, 2012 - present

International Business Society Advisor, 2011 – present

Lecturer Search Committee, Department of Economics, University of Georgia, 2014, 2015, 2016

Honors Committee, Terry College of Business, 2007-2008

MBA Collaborative Experience Reviewer 2008, 2009

Faculty/Staff Centennial Fundraising Committee, 1996

Undergraduate Programs Advisory Council, 1994-1997

Geo-Environmental Engineering Program Committee, 1994-1997

Scholarship Committee, 1993-1997

New Research Building Program Committee, 1993-1994

Mineral Economics Faculty Search Committee, 1992, 1994

Center for Advanced Undergraduate Study and Experience Pilot Committee, 1992