

# Keith R. Brouhle

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## Current and Past Positions

2011-present Associate Professor, Department of Economics, Grinnell College  
2015-2021 Secretary-Treasurer, Midwest Economics Association  
2005-2011 Assistant Professor, Department of Economics, Grinnell College  
2004-2006 Assistant Professor, Department of Marketing, Business Economics and Law, School of Business, University of Alberta

## Education

Ph.D. University of Illinois at Urbana-Champaign, Economics, October 2004.  
M.S. University of Illinois at Urbana-Champaign, Economics, January 2000.  
B.A. Grinnell College, Economics with concentration in Environmental Studies, May 1997.

## Fields of Interest

Environmental and Resource Economics, Public Economics, Microeconomics

## Publications

### *Articles in Peer Reviewed Journals*

- Brouhle, K., B. Graham, and D.R. Harrington (2023). Patents and P2: Innovation and Technology Adoption for Environmental Improvements, *Environmental and Resource Economics*, 84: 439-474.
- Brouhle, K. and D.R. Harrington (2023). The Business and Environmental Impacts of the Canadian Mandatory Greenhouse Gas Reporting Program, *International Journal of Economics and Business Research*, 25(1): 113-136.
- Brouhle, K. and B. Graham (2022). The Impact of an Undergraduate Research Experience on Advanced Degree Attainment Across Academic Divisions, *Scholarship and Practice of Undergraduate Research*, 6(1): 32-42.
- Brouhle, K., B. Graham, and D.R. Harrington (2015). Knowledge flows within a government supported program, *Economics Bulletin* 35(4): 2326-2332.
- Brouhle, K. and D.R. Harrington (2014). The Role of Environmental Management Systems in the Canadian Voluntary Climate and Challenge Registry, *Journal of Environmental Planning and Management* 57(8): 1145-1168.
- Brouhle, K., B. Graham, and D.R. Harrington (2013). Innovation under the Climate Wise Program, *Resource and Energy Economics* 35: 91-112.
- Brouhle, K. and M. Khanna (2012). Determinants of Participation versus Consumption in the Nordic Swan Eco-Labeled Market, *Ecological Economics* 73(15): 142-151.
- Brouhle, K. (2011). Exploring Strategic Behavior in an Oligopoly Market Using Classroom Clickers, *Journal of Economic Education* 42(4): 395-404.
- Brouhle, K. and D.R. Harrington (2010). GHG Registries: Participation and Performance under the Canadian Voluntary Climate Challenge Program, *Environmental and Resource Economics* 47(4): 521-548.
- Brouhle, K. and D.R. Harrington (2009). Firm Strategy and the Canadian Voluntary Climate Challenge and Registry (VCR), *Business Strategy and the Environment* 18(6): 360-379.

- Brouhle, K., C. Griffiths, and A. Wolverton (2009). Evaluating the Role of EPA Policy Levers: An Examination of a Voluntary Program and Regulatory Threat in the Metal Finishing Industry, *Journal of Environmental Economics and Management* 57(2): 166-181.
- Brouhle, K. and M. Khanna (2007). Information and the Provision of Quality Differentiated Products, *Economic Inquiry* 45(2): 377-394.
- Brouhle, K., J. Corrigan, R. Croson, M. Farnham, S. Garip, L. Habodaszova, L.T. Johnson, M. Johnson, and D. Reiley (2005). Local Residential Sorting and Public Goods Provision: A Classroom Demonstration, *Journal of Economic Education* 36(4): 332-344.

#### *Book Chapters and Encyclopedia Entries*

- M. Khanna and K. Brouhle (2014). "Toxic Release Inventory" in *Environmental and Natural Resource Economics: An Encyclopedia*, edited by J. Whitehead and T. Haab, Greenwood.
- M. Khanna and K. Brouhle (2013). "Voluntary Approaches to Environmental Protection" in *Encyclopedia of Energy, Natural Resource and Environmental Economics*, edited by J. Shogren, Elsevier Academic Press.
- M. Khanna and K. Brouhle (2009). "Effectiveness of Voluntary Environmental Initiatives" in *Governance for the Environment: New Perspectives*, edited by M. Delmas and O. Young, Cambridge University Press, New York.
- Brouhle, K., C. Griffiths, and A. Wolverton (2005). "Voluntary Environmental Programs in the U.S.," in *The Handbook of Environmental Voluntary Agreements*, edited by E. Croci, Springer, Netherlands.

#### **Work in Progress**

- "Unequal Exposure: An Inclusive Approach to Teaching Environmental Justice" with Niru Devaraj (under review at *Journal of Economic Education*).

#### **Teaching Experience**

- Introduction to Economics (Grinnell College)
- Introduction to Economics: the COVID Economy (Grinnell College)
- Microeconomic Analysis (Grinnell College)
- Seminar in Environmental Economics (Grinnell College)
- Resource and Environmental Economics (Grinnell College)
- Current State of the US Economy (Grinnell College)
- Public Finance (Grinnell College)
- Public Economics (Grinnell College)
- Environmental Challenges and Responses (Grinnell College)
- Tutorial: Environmental Conflict (Grinnell College)
- Tutorial: Pandemics and Society (Grinnell College)
- Living in the City: Environmental and Urban Issues in London (Grinnell-in-London)
- End of the Party? The European Debt Crisis amid new Economic Challenges (Grinnell-in-London)
- Principles of Microeconomics (University of Illinois)
- Principles of Macroeconomics (University of Illinois)
- Introduction to Microeconomics (Indiana University-Purdue University at Indianapolis)
- Survey of Economic Issues (Indiana University-Purdue University at Indianapolis)
- Business Economics, Organizations, and Management (University of Alberta)
- Environmental Economics (MBA) (University of Alberta)

#### **Grants and Awards**

- Innovation Fund Pilot Project: The Impact of MAPs on Student Outcomes, Grinnell College, 2013-2014.
- Innovation Fund Planning Project: Summer Program in Korea, Grinnell College, 2013-2014.
- Committee for the Support of Faculty Scholarship grant, Grinnell College, 2008-2014.
- ACM University of Chicago Faculty Development grant, 2009 (awarded; unable to accept).

Canadian Studies Faculty Research Grant (collaborator), Canadian Embassy, 2008-2009.  
 Humanities, Fine Arts and Social Sciences Research Operating Grant, University of Alberta, 2005.  
 J.D. Muir Faculty Research Grant, School of Business, University of Alberta, 2004.  
 Environmental and Resource Economics Scholar, Environmental Council, University of Illinois, 1999-2003.  
 List of Teachers Ranked as Excellent by their Students, University of Illinois, Fall 1999, Spring 2000, Fall 2001, Spring 2001, and Fall 2002.  
 Robert E. Demarest Teaching Award, Department of Economics, University of Illinois, 2001.  
 European Union Research Grant, European Union Center, University of Illinois, Summer 2000.  
 Graduate Teaching Certificate, University of Illinois, May 1998.

## **Research Presentations**

### *Conference Presentations and Invited Seminars*

Western Economics Association Annual Meetings, San Diego, CA, July 2023.  
 11<sup>th</sup> Annual Conference on Teaching and Research in Economic Education, Chicago, IL, June 2022.  
 Midwest Economics Association Annual Meetings (virtual), March 2021.  
 Western Economics Association Annual Meetings, San Francisco, CA, July 2019.  
 Northeastern Agricultural and Resource Economics Association, Portsmouth, NH, June 2019.  
 5<sup>th</sup> World Congress of Environmental and Resource Economists, Gothenburg, Sweden, June 2018.  
 Midwest Economics Association Annual Meetings, Evanston, IL, March 2018.  
 SCUP-52, SCUP's Annual Conference, Washington DC, July 2017.  
 EAERE 23<sup>rd</sup> Annual Conference, Athens, Greece, June 2017.  
 Western Economics Association Annual Meetings, Honolulu, HI, July 2015.  
 Midwest Economics Association Annual Meetings, Minneapolis, MN, March 2015.  
 5<sup>th</sup> World Congress of Environmental and Resource Economists, Istanbul, Turkey, June 2014.  
 Midwest Economics Association Annual Meetings, Evanston, IL, March 2014.  
 EAERE 19<sup>th</sup> Annual Conference, Prague, Czech Republic, June 2012.  
 5<sup>th</sup> Atlantic Workshop on Energy and Environmental Economics, A Toxa, Spain, June 2012.  
 Heartland Environmental and Resource Economics Workshop, Champaign, IL, Oct 2011.  
 Western Economics Association Annual Meetings, San Diego, CA, July 2011.  
 ASSA Meetings (poster session), Denver, CO, Jan 2011.  
 Heartland Environmental and Resource Economics Workshop, Champaign, IL, Oct 2010.  
 4<sup>th</sup> World Congress of Environmental and Resource Economists, Montreal, Canada, July 2010.  
 Washburn University, School of Business, Topeka, KS, May 2009.  
 University of Redlands, School of Business, Redlands, CA, February 2009.  
 AERE session at ASSA Meetings, San Francisco, CA, Jan 2009.  
 Camp Resources, Wilmington, NC, Aug 2008.  
 Western Economics Association Annual Meetings, Honolulu, HI, July 2008.  
 Economics Society, Grinnell College, Grinnell, IA, March 2008.  
 9<sup>th</sup> Annual Heartland Environmental and Resource Economics Workshop, Ames, IA, Sept 2007.  
 CAES session at AAEA Meetings, Portland, OR, July 2007.  
 AERE session at AAEA Meetings, Long Beach, CA, July 2006.  
 3<sup>rd</sup> World Congress of Environmental and Resource Economists, Kyoto, Japan, July 2006.  
 Midwest Economics Association Annual Meetings, Chicago, IL, March 2006.  
 7<sup>th</sup> Annual Heartland Environmental and Resource Economics Workshop, Ames, IA, Sept 2005.  
 American Agricultural Economics Association Meetings, Providence, RI, July 2005.  
 University of Alberta, Department of Rural Economy, Edmonton, AB, Canada, March 2005.  
 Alberta Environment, Edmonton, AB, Canada, Feb 2005.  
 Grinnell College, Department of Economics, Grinnell, IA, Jan 2005.  
 Environmental and Resource Economics Workshop, Champaign, IL, Nov 2001-2004.  
 University of Hawaii, Department of Economics, Honolulu, HI, March 2004.

U.S. Environmental Protection Agency, National Center for Environmental Economics, Washington D.C., Feb 2004, Aug 2003.  
 University of Wyoming, Department of Economics and Finance, Laramie, WY, Feb 2004.  
 Moravian College, Department of Economics, Bethlehem, PA, Feb 2004.  
 Howard University, Department of Economics, Washington D.C., Feb 2004.  
 University of Alberta, Department of Marketing, Business Economics and Law, Edmonton, AB, Canada, Jan 2004.  
 6<sup>th</sup> Annual Heartland Environmental and Resource Economics Workshop, Ames, IA, Sept 2004.  
 5<sup>th</sup> Annual Heartland Environmental and Resource Economics Workshop, Ames, IA, Sept 2003.  
 U.S. Environmental Protection Agency, National Center for Environmental Innovation, Washington D.C., Aug 2003.  
 2<sup>nd</sup> World Congress of Environmental and Resource Economists, Monterrey, CA, July 2002.  
 New College of Florida, Division of Social Sciences, Sarasota, FL, March 2002.

#### *Conference Participant*

Western Economics Association Annual Meetings (session chair), San Diego, CA, July 2023.  
 Western Economics Association Annual Meetings (session chair), San Francisco, CA, July 2019.  
 Midwest Economics Association Annual Meetings (discussant), Evanston, IL, March 2018.  
 Midwest Economics Association Annual Meetings (discussant), Minneapolis, MN, March 2015.  
 5<sup>th</sup> World Congress of Environmental and Resource Economists (discussant), Istanbul, Turkey, June 2014.  
 Midwest Economics Association Annual Meetings (discussant), Evanston, IL, March 2014.  
 Schumptoberfest 2012, Grinnell College, Grinnell IA, October 2012.  
 ASSA Meetings, Jan 2003- 2009, 2011-2020.  
 National Conference on Teaching Economics and Research in Economic Education, Palo Alto, CA June 2011.  
 4<sup>th</sup> World Congress of Environmental and Resource Economists (discussant), Montreal, QC, July 2010.  
 CAES session at AAEA Meetings (moderator), Portland, OR, July 2007.  
 AERE session at AAEA Meetings (discussant), Long Beach, CA, July 2006.  
 Midwest Economics Association Annual Meetings (discussant), Chicago, IL, March 2006.  
 14<sup>th</sup> Annual Canadian Resource and Environmental Economics (discussant), Calgary, AB, Canada, Sept 2004.

#### *Workshop Participant*

Women in Economics Symposium, Federal Reserve Bank of St. Louis, St. Louis, MO, Feb 2019.  
 Workshop to Enhance Inclusivity in Economics at Liberal Arts Colleges, Pomona College, Pomona, CA, Feb 2016.  
 Grinnell College-Nanjing University Faculty Seminar, Nanjing University, Nanjing, China, June 2015.  
 University of Botswana, Gaborone, Botswana, March 2015.  
 Face3 Workshop, ACM, Chicago, IL, October 2014.  
 National Summit on Diversity, Federal Research Board, Washington D.C., October 2014.  
 ACM Institute on College Futures seminar, University of Chicago, Chicago, IL, June 2014.  
 IES Site Familiarization Trip, Kunming, China, March 2014.  
 IES Faculty Development Workshop, Paradise Lost? Challenging Perspectives on a Changing Europe, EU Center, Freiburg, Germany, July 2013.  
 Workshop on Research Design for Causal Inference, Northwestern Law School, Chicago, IL, August 2012.  
 Mellon 23 Assembly: the Meaning and Purpose of a Liberal Arts Education, Pomona College, Harvey Mudd College, and Scripps College, Claremont, CA, February 2010.  
 Teaching Innovations Program, Santa Fe, NM June 2009.  
 Mellon 23 Assembly: Interdisciplinarity, Macalester College, St. Paul, MN, Feb 2008.  
 Workshop on Teaching Economics with Computerized Experiments, San Diego, CA, June 2006.

ACM Conference: Strengthening Quantitative Reasoning, Carleton College, Northfield, MN, Sept/Oct 2005.

NSF Workshop on Classroom Experiments in Economics, College of William and Mary, Williamsburg, VA, May 2002.

## **Service Activities**

### *Service to College*

Eco-campus Committee, 2022 - present.

DASIL advisory group, 2010 - present.

Policy Studies Concentration Committee, 2009 - present.

Environmental Studies Concentration Committee, 2006 - present.

Faculty Personnel Committee, 2015 - 2017, 2021 - 2023.

Social Studies Division Personnel Committee, 2012 - 2013, 2015 - 2017, 2021 - 2023.

HSSC Dedication Planning Group, 2020 - 2022.

Admissions and Student Financial Aid Committee, 2017 - 2021.

Building Projects Committee, 2014 - 2020.

Environmental Studies Concentration chair, 2017 - 2020.

Mentor in Faculty Mentoring Network, 2019 - 2020.

Faculty Liaison, Audit and Assessment Committee, Board of Trustees, 2017 - 2019.

Department liaison, ARH Carnegie Planning Committee, 2016 - 2019.

Strategic Planning Committee; Strategy 3 - The Grinnell Learning Place, 2014 - 2019.

ARH Carnegie Planning Committee (co-chair), 2014 - 2019.

Economics Department chair, 2011 - 2013, 2016 - 2019.

Faculty Recruiting Committee, 2005 - 2012, 2014 - 2023.

Faculty Development Seminar – East Asia (co-chair), 2014 - 2015.

Committee for the Support of Faculty Scholarship, 2014 - 2015.

Academic Space Planning Steering Committee 2012-2014, (co-chair) 2012 - 2013.

Strategic Action Plan 2012-2013 (Strategy 4 co-chair), 2012 - 2013.

Fringe Benefits Committee, 2010 - 2013.

Space Committee, 2010 - 2013.

Strategic Planning Committee, 2011 - 2012.

Strategic Planning sub-committee, Teaching and Learning, 2011 - 2012.

Strategic Planning sub-committee, Enrollment, 2011 - 2012.

Campus Plan Update Committee, 2010 - 2011.

Rosenfield Committee, 2007 - 2011.

Admissions Board, 2007 - 2008 and 2009 - 2010.

Scholarship Committee, 2006 - 2007.

### *Service to Profession*

Secretary-Treasurer, Midwest Economics Association, 2015 - 2021.

Referee - Contemporary Economic Policy, Ecological Economics, Economic Bulletin, Economic Inquiry, Environmental and Resource Economics, Environmental Management, Land Economics, Journal of Economic Education, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Urban Economics, Review of Environmental Economics and Policy, Southern Economic Review

## **References**

Available upon request