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CV

Peter Zigmund Grossman

4410 N. Pennsylvania St.  
Indianapolis, IN 46205  
(317) 965-8879

Butler University  
Lacy School of Business  
4600 Sunset Ave.  
Indianapolis, IN 46208  
pgrossma@butler.edu

**Education**

Washington University (Economics) Ph.D. 1992  
Washington University (Economics) M.A. 1990  
Columbia University (Philosophy) B.A. 1970

**Most recent and current positions**

Clarence Efroymsen Chair, Professor of Economics emeritus, Lacy School of Business,  
Butler University, 2019-  
Clarence Efroymsen Chair, Professor of Economics, College of Business,  
Butler University, 1994-2019.

**Fields - Research**

Energy & Public Policy	Economic History	Political Economy
Industrial Organization	Law & Economics	Energy Economics

**Fields - Teaching**

Energy & Public Policy	Law & Economics
Economic/Business History	Natural Resource Economics
Political Economy	International Economics

**Experience**

Research Associate, Hobby Center for Public Policy, University of Houston, 2013-  
Visiting Scholar, Energy Management and Policy, University of Houston, Spring 2012  
Adjunct Professor, Indiana University School of Law (Indianapolis), 2000-2005.  
Visiting Assistant Professor, Washington University, Department of Economics, 1993-  
1994.  
Research Associate, Center for the Study of American Business, Washington University,  
1992-1993

Affiliate Professor, Engineering & Policy, Washington University, 1990-1993.

Research Associate, Center in Political Economy, Washington University, (under Douglass C. North), 1990-1991.

Adjunct Associate Professor, Contemporary Liberal Arts, Polytechnic University, Brooklyn, NY, 1985-1988.

Assistant Professor, Humanities, Polytechnic University, 1979-1985.

### Research Impact measures

Over 1100 citations (Google Scholar)

Over 17,000 Downloads (Digital Commons): top 10% of authors  
SSRN, 100s more downloads from journal web sites

### Publications

#### Books:

***U.S. Energy Policy and the Pursuit of Failure***, Cambridge University Press, 2013.

***The Principles of Law & Economics***, textbook, Prentice Hall Publishing, (with Daniel H. Cole), 2005.

2<sup>nd</sup> Edition, Aspen Publishing 2011.

***How Cartels Endure and How They Fail: Studies of Industrial Collusion***, editor, Edward Elgar Publishing Limited, 2004.

***The End of a Natural Monopoly: Deregulation and Competition in the Electric Power Industry***, JAI Press, republished by Taylor & Francis, (Volume 7 in the series, *The Economics of Legal Relationships*), co-editor with Daniel H. Cole, 2003.

***Introduction to Energy: Resources, Technology and Society***, Cambridge University Press, 1990, with E.S. Cassedy, (energy and public policy), 2<sup>nd</sup> printing 1993.

2<sup>nd</sup> Edition, 1998

3<sup>rd</sup> Edition, 2017

Arabic translation 2011

***American Express***, Crown, New York, 1987, (business history).

translations: Japanese, French, Chinese

Reprint edition: Beard Books 2006

#### Articles:

“Utilizing Ostrom's Institutional Analysis and Development Framework toward an Understanding of Crisis-Driven Policy,” ***Policy Sciences***, 52: 3-20, 2019.

“Environmental Instrument Choice in a Nonlinear World,” ***Journal of Environmental Economics and Policy***, (with Kathy A. Paulson Gjerde and Daniel H. Cole), 8 (1), 65-

78, 2019.

"Implications of Nonlinearity in Environmental Instrument Choice," **Economics Bulletin**, (with Kathy A. Paulson Gjerde), 35 (4), 2252-2257, 2015.

"Energy Shocks, Crises and the Policy Process: A Review of Theory and Application." **Energy Policy**, 77, 56-69, 2015.

"The Energy Independence Solution," **IAEE Energy Forum**, 3<sup>rd</sup> Quarter 2013.

"The Logic of Deflective Action: US Energy Shocks and the US Policy Process," **Journal of Public Policy**, 32 (1) 2012.

"Institutions Matter! Why the Herder Problem is not a Prisoner's Dilemma," (with Daniel H. Cole), **Theory and Decision**, 69 (2) 2010.

"The Apollo Fallacy and its Effect on U.S. Energy Policy," **Energy Policy** 37 (10) 2009.

"U.S. Energy Policy and the Presumption of Market Failure." **Cato Journal**, 29 (2) Spring/Summer 2009.

"Protecting Private Property with Constitutional Judicial Review: A Social Welfare Approach." (with Daniel H. Cole), **Review of Law & Economics**, 5 (1) 2009.

"The JEC Revisited: Did Debt Undermine Stability?" (with Kathy A. Paulson Gjerde), **Atlantic Economic Journal**, 37 (1) March 2009.

"If Ethanol is the Answer, What is the Question?" **Drake Journal of Agricultural Law**, 13 (1) Spring 2008.

"Uncertainty, Insurance and the Learned Hand Formula," (with Reed Cearley and Daniel H. Cole), **Law, Probability & Risk** 5 (1) March 2007.

"The Meaning of 'Property Rights:' Law vs. Economics?" (with Daniel H. Cole), **Land Economics**, 78 (3) August 2002.  
{200+ citations according to Google Scholar.}

"Toward a Total-Cost Approach to Environmental Instrument Choice," (with Daniel H. Cole), **Research in Law and Economics**, 20, 2002.

"Determinants of Share Price Movements in Emerging Equity Markets: Some Evidence from America's Past," **The Quarterly Review of Economics and Finance**, 40 (3), Fall 2000.

"The Dynamics of the Hungarian Hyperinflation, 1945-6: A New Perspective," (with János Horváth), **Journal of European Economic History**, 29, (2-3) Fall-Winter 2000.

"When is Command-and-Control Efficient? Institutions, Technology and the Comparative Efficiency of Alternative Regulatory Regimes for Environmental Protection," (with Daniel

H. Cole), *Wisconsin Law Review*, 1999, November 1999. Reprinted in *Land Use and Environmental Law Review*, 31, 2001, and in *Economics of Environmental Law*, Richard Brooks, et al. eds., Edward Elgar Publishing Limited, (2009).  
{250+ citations according to Google Scholar.}

"On the New Institutional Story about the Former Socialist Economies," *Journal of Economic Issues*, 31, March 1997.

"The Dynamics of a Stable Cartel: The Railroad Express 1851-1913," *Economic Inquiry*, 34 (2), April 1996.

"The Market for Shares of Companies with Unlimited Liability: The Case of American Express," *The Journal of Legal Studies*, 24 (1), January 1995. Reprinted in, *Corporate Practice Commentator*, 37 (2), 1995.

"The Dilemma of Prisoners: Choice During Stalin's Great Terror, 1936-8," *Journal of Conflict Resolution*, 38 (1), March 1994.

"Measurement and Assessment of Coal Consumption in Nineteenth Century European Economic Growth: A Note," *Journal of European Economic History*, 22 (2), 1993.

"Cost-Benefit Analysis of Nuclear Waste Disposal: Accounting for Safeguards," (with E.S. Cassedy) *Science, Technology & Human Values*, Fall 1985.

#### **Proceedings (Refereed)**

"Optimal Enforcement of Uniform Pollution Standards When Marginal Pollution Damage Costs Differ Among Firms—The EPA's New CAFO Rules," (with Robert Main), *Journal of the Indiana Academy of the Social Sciences*, 14, 2011.

"Barriers to Adoption of Hybrid Cars in the Midwest; Focusing on Generation Y," (with Bela Florental), *Journal of Business and Behavioral Sciences* 21 (1) 2009.

"Fiscal Crises, Tax Reform and Institutional Change," *Indiana Academy of the Social Sciences, Proceedings 1996*, Vol. 31.

"Golden Silence: Why the Railroad Express Chose Not to Incorporate," *Business and Economic History*, 21, 1992.

#### **Book Chapters:**

"Beyond Compliance Costs: Comparing the *Total Costs* of Alternative Regulatory Instruments," (with Daniel H. Cole) in *EE Encyclopedia of Environmental Law*, Van Zeben and Richards eds., Edward Elgar Publishing Ltd., 2019 (in press).

"A Brief History of United States Energy Policy," (with Daniel H. Cole) in *Delivering Energy Law and Policy in the EU and the US: A Reader*, Heffron and Little eds. Edinburgh University Press, 2016, Chapter 11.

"Regulation of America's Energy Markets: A Historical Overview," in ***Energy: Issues and Controversies***, (Vol. 43 ***Champions of Freedom***), Hillsdale College Press, 2015, Chapter 1.

"Commentary: Gold Rush Legacy: American Minerals and the Knowledge Economy" Chapter 3, ***Property in Land and Other Resources***, Cole and Ostrom eds., Lincoln Institute, 2011.

"American Express 20 Years Later." Preface to the new edition of ***American Express: The People Who Built the Great Financial Empire***, Beard Books, 2006, reprint of 1987 edition (Crown).

"Introduction: What Do We Mean By Cartel Success?" ***How Cartels Endure and How They Fail: Studies of Industrial Collusion***, Edward Elgar Press (Peter Z. Grossman, ed.), 2004.

"Why One Cartel Fails and Another Endures: The Joint Executive Committee and the Railroad Express." ***How Cartels Endure and How They Fail: Studies of Industrial Collusion***, Edward Elgar Press (Peter Z. Grossman, ed.), 2004, Chapter 4.

"American Express." ***Encyclopedia of American Business History***. Charles R. Geist, ed. Facts on File Publishing, 2004.

"Institutional and Technological Constraints on Environmental Instrument Choice: A Case Study of the US Clean Air Act," (with Daniel H. Cole) in ***Evaluating Alternative Policy Instruments for Environmental Protection***, Michael T. Hatch, ed. S.U.N.Y. Press, 2005.

"Is Anything Naturally a Monopoly?" ***The End of a Natural Monopoly: Deregulation and Competition in the Electric Power Industry***, JAI Press, (Grossman & Cole, ed.), Chapter 2.

"The Zenith of the Natural Monopoly System," ***The End of a Natural Monopoly: Deregulation and Competition in the Electric Power Industry***, JAI Press, (Grossman & Cole, ed.), Chapter 5.

"Does the End of a Natural Monopoly Mean Deregulation?" ***The End of a Natural Monopoly: Deregulation and Competition in the Electric Power Industry***, JAI Press, (Grossman & Cole, ed.), Chapter 10.

#### **Proceedings (Non-refereed):**

"When Bigger is Truly Better: Differentiating Economies of Scale from Fixed Cost Utilization," ***IMA (Institute of Management Accountants) Educator' Roundtable, 2000***, (with Susan B. Hughes and Robert S. Main), June 2000.

"New Technologies--Promise and Uncertainty," ***Proceedings from the International Symposium on Energy Options for the Year 2000***, Wilmington, DE, 1988, (with E.S. Cassedy).

**Reviews:**

**Energy Policy in the in the 1970s**, edited by Robert Lifset, *Environmental History*, Summer 2015.

**Texas Oil, American Dreams**, by Lawrence Goodwyn, *Journal of Economic History*, September 1998

**The Rise of the Hotel Chains in the United States 1896-1980**, by Paul L. Ingram, *Journal of Economic History*, March 1998.

**Easy Money: Oil Promoters and Investors in the Jazz Age**, by Roger M. Olien & Diana Davids Olien, *Journal of Economic History*, March 1992.

**Technology in America**, by A.I. Marcus & H.P. Segal, *Journal of Economic History*, September 1991.

**Technology and Transformation in the Electric Utility Industry**, by Richard F. Hirsh, *Journal of Economic History*, March 1991.

**Working Papers:**

"Protecting Private Property with Constitutional Judicial Review: A Social Welfare Analysis," (with Daniel Cole), Social Science Research Network, October 2006,

"Uncertainty, Insurance and the Learned Hand Formula," (with Reed Cearley and Daniel Cole), Social Science Research Network, 2005; revised 2006.

"The Meaning of 'Property Rights:' Law vs. Economics?" (with Daniel H. Cole), posted on the world-wide web, Social Science Research Network, May 2000, one of the top 10 most frequently downloaded articles, Spring 2000.

"When is Command and Control Efficient? Institutions, Technology and Comparative Efficiency of Alternative Regulatory Regimes for Environmental Protection," (with Daniel H. Cole), posted on the web on the Social Science Research Network, January 1999.

"The Market for Shares of Companies With Unlimited Liability: The Case of American Express," Business, Law and Economics Center, John M. Olin School of Business, Washington University, Working Paper No. BLE-94-02, March 1994.

"The Dynamics of a Stable Cartel: The Express 1851-1913," Political Economy Working Paper No. 152, School of Business & Center in Political Economy, Washington University.

"Alternative Energy Technologies: Market Solutions," Center for the Study of American Business, Working Paper No. 145, January 1992.

**Presentations:**

“Chasing a Trope through Time: The Four Decade Quest for an ‘Energy Independence’ Policy.” Presented to the Eleventh Annual Meeting of the Society for Environmental Law and Economics, Faculty of Law, Diego Portales University, Santiago, Chile, 15 – 16 March 2019.

“Shocks, Institutions and the Diversity of Nuclear Power Policies in Europe.” 15<sup>th</sup> IAEE European Conference, Vienna, Austria, September 4, 2017.

“Energy Policy and the Next President.” Public Lecture. Howard H. Baker Jr. Center for Public Policy, October 27, 2016.

“Analyzing the Process of Energy Policy: Why Policy Responses to the Same Problems Differ Among Countries.” Seminar. Howard H. Baker Jr. Center for Public Policy, October 27, 2016.

“Making Energy Policy: Toward a Framework of Analysis,” 34<sup>th</sup> USAEE/IAEE North American Conference,” Tulsa, OK, Oct. 24, 2016.

“Why Energy Policy Fails,” Business Roundtable, Sacramento, CA, Aug. 23, 2016.

“Prices versus...Prices? Quantities versus...Quantities? Total Costs and Environmental Instrument Choice,” (with Kathy Paulson Gjerde and Daniel Cole), Society for Environmental Law and Economics annual meeting, Groningen, The Netherlands, May 21-22, 2015.

“Toward a Framework for Crisis Policy Analysis,” GDN Workshop on Governing with Uncertainty, Surprise, Agility, Resilience & Robustness, Hong Kong, March 12, 2015.

“Bipartisan Energy Policy: The Solution or the Problem?” Hudson Institute, Washington, DC, December 5, 2014.

“Prices versus...Prices? Quantities versus...Quantities? Total Costs and Uncertainty in Environmental Instrument Choice,” (with Kathy Paulson Gjerde and Daniel Cole), Southern Economic Association annual meeting, Atlanta, GA, November 24, 2014.

“The History of Energy Regulation in the U.S.: Or Dismal Scientist Examines Dismal Subject,” Conference on “Energy Issues and Controversies,” Hillsdale College, Hillsdale, MI, November 9, 2014.

“U.S. Energy Policy and the Pursuit of Renewable Technologies,” Texas Public Policy Foundation, Houston September 26, 2014.

·University of Iowa Public Policy Center Symposium, Iowa City, IA, October 16, 2014.

“A Transaction Cost Model of U.S. Energy Policy: The Value of Persisting Metaphors.” 36<sup>th</sup> Annual IAEE International Conference,” Daegu, South Korea, June 16-20, 2013.

"The U.S. Energy Narrative, its Persistence, and its Impact on 40 Years of Energy Policy," The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, Indiana University (Bloomington), November 5, 2012

·Hobby Center for Public Policy, University of Houston, October 16, 2013.

·Economics Club, Ball State University, March 26, 2014.

"Comment on Clay and Wright, "Gold Rush Legacy: American Minerals and the Knowledge Economy." Lincoln Institute, Cambridge, MA, September 20, 2010, invited conference, discussion paper to be published in conference volume.

"Reflections on the Work of Elinor Ostrom: The Commons Problem as Assurance Game." (with Daniel Cole) Western Economic Association International Conference, Portland, OR, June 29-July 3, 2010.

"Extravagant Excess in the Halls of Hubris: Nuclear Fusion Policy and the MFEE." Policy History Conference, Columbus, OH. June 3-6, 2010.

"The Logic of Deflective Action: The 'Do Something' Dilemma." Public Choice Society Annual Meeting; Monterrey, CA. March 11-14, 2010.

"Designed for Failure: The Problem with US Alternative Energy Programs." Weidenbaum Center Washington University (St. Louis), Invited lecture, March 2, 2010.

"The Political Economy of Alternative Energy Development Programs." Workshop in Political Theory and Policy Analysis Colloquium, Indiana University, January 26, 2009.

"The History of U.S. Alternative Energy Development Programs: A Study of Government Failure," Research Symposium: Bad Public Goods, The Searle Center on Law, Regulation and Economic Growth, Northwestern University, Chicago, IL, September 16, 2008.

·Economic History Seminar, Northwestern University, November 20, 2008.

"The Political Economy of Alternative Energy," Southern Economic Association Annual Meeting, Southern Economic Association, New Orleans, LA, November 19, 2007 .

"If Ethanol is the Answer, What is the Question?" Presented to the following:

·AALA Annual Meeting, American Agricultural Law Association, San Diego, CA, October 20, 2007.

·Economics Seminar, Hanover College, November 29, 2007.

·IEEE Regional Technology Conference on Biofuels, Plainfield, IN, August 20, 2008.

·Indiana Society of Professional Engineers, [updated and revised], Indianapolis, IN, May 14, 2010.

"Picking Losers: Energy Technology, Government Programs, & the Process of Innovation." Conference on *Economics, Energy, & the Law*, Foundation for Research on Economics & the Environment, Bozeman, MT, July 22-26, 2007.

"Do We Need a National Energy Policy?" Conference on *Economics, Energy, & the Law*, Foundation for Research on Economics & the Environment, Bozeman, MT, July 22-26,



2007.

"Protecting Private Property with Constitutional Judicial Review: A Social Welfare Analysis," (with Daniel Cole). Presented to the International Society for the New Institutional Economics (ISNIE), Boulder, CO, September 22, 2006,

"The Energy Policy Conundrum," Presented to the Indiana Council on World Affairs, February 21, 2006.

"Optimal Enforcement of Uniform Pollution Standards When Marginal Pollution Damage Costs Differ Among Firms—The EPA's New CAFO Rules," (with Robert Main). Presented to the Pacific Rim Allied Economic Organizations, Hong Kong, January 16, 2005

"Is Anything Naturally a Monopoly?" Presented at the annual meeting of the Midwest Law & Economics Association, October 10, 2003.

"Why One Cartel Fails and Another Endures: The Joint Executive Committee and the Railroad Express." Presented to the following:

- Midwest Economics Association, St. Louis, MO, March 30, 2003.
- Indiana University-Purdue University Indianapolis, October 16, 2003

"Deregulation of Energy is Still the Answer," luncheon address to Energy Workshop of Indiana Industrial Energy Consumers (INDIEC), Indianapolis, IN, May 10, 2001.

"The Meaning of 'Property Rights:' Law vs. Economics?" (with Daniel H. Cole); keynote address to the European Law and Economics Association, Ghent, Belgium, September 14, 2000.

"Environmental Instrument Choice: Compliance Costs Do Not Equal Total Costs," (with Daniel H. Cole). Presented at:

- The Southern Economic Association annual meeting, November 22, 1999.

"When is Command-and-Control Efficient? Modeling the Comparative Efficiency of Alternative Regulatory Regimes." (with Daniel H. Cole) Presented to the following:

- International Society for the New Institutional Economics annual conference, Paris, France, September 17-19, 1998.
- Colloquium, Indiana University Law School, Indianapolis, September 8, 1998.

"The Dynamics of Hungary's Great Inflation" (with János Horváth). Presented to the following:

- 1997 Conference on Central and Eastern Europe, New College, the University of South Florida, Sarasota, FL, April 5, 1997.
- International Atlantic Economic Association, Philadelphia, PA, October 10, 1997
- Indiana University-Purdue University Indianapolis, April 23, 1998.
- Federal Reserve Bank of St. Louis, June 24, 1998.

Abstract published in *International Advances in Economic Research*, 4 (2): 2003.

"Rules and Reform: The Prospects for Russia." Presented at:

·The Hudson Institute, Indianapolis, IN, May 14, 1996.

"Notes on the Economics of Regulatory Takings." Presented to a Conference entitled, "Big Government Versus Private Property," sponsored by the Indiana Civil Liberties Union and the Indiana University School of Law, April 19, 1996. [Member of the Conference Organizing Committee.]

"When a Natural Monopoly is Not Naturally a Monopoly," Presented to the following:

- Faculty Research Seminar, Butler University, March 8, 1996.
- Economics Workshop, Washington University (St. Louis), March 13, 1996.
- Midwest Economics Association meeting, Chicago, IL, March 22, 1996.

"Fiscal Crises and Institutional Change: A Historical Exploration." Presented to the following:

- Allied Social Science Associations annual meeting, San Francisco, CA, January 6, 1996.
- Economic History Workshop, Indiana University, September 19, 1996.
- Indiana Academy of the Social Sciences, October 11, 1996.

"No Earnings or Asset Information, Can a Stock Have a Price? Evidence from the Express Industry, 1875-1897." Presented to the following:

- Economic History Workshop, Indiana University, January 19, 1995.
- Economics Seminar, IU-PUI, February 2, 1995.
- Joint Industrial Organization/Economic History Workshop, Washington University (St. Louis), March 13, 1995.
- Economic History Workshop, University of Illinois, April 28, 1995.
- Economics Seminar, Ball State University, January 19, 1996, (under revised title, "Public Information and 19th Century Share Price Movements: Evidence from the Express Industry.")

"Punctuated Equilibria: A Model and Application of Evolutionary Economic Change." Presented at:

- Western Economic Association meeting, Lake Tahoe, Nevada, June 24, 1993 (with Arthur T. Denzau).

"The Dynamics of a Stable Cartel: The Express 1851-1913." Presented to the following:

- Cliometric Society Sessions, ASSA meeting, New Orleans, LA, January 3, 1992.
- Economic History Seminar, University of Illinois, Champaign-Urbana, February 11, 1994.

"Golden Silence: Why the Railroad Express Chose Not to Incorporate." Presented to:

- The Business History Conference, Pasadena, CA, March 7, 1992.

"The Institutional Origins of the Private Express Service in the United States."

Presented to The Economic and Business Historical Society, Houston, TX, April 24, 1991.

## **Publications (Non-academic)**

**Book:**

***In Came the Darkness***, Four Winds, New York, 1981, (high school level study of electric power development).

**Articles:**

More than 200 articles including opinion pieces and magazine features for such publications as ***The Wall Street Journal***, ***The Plain Dealer***, ***Christian Science Monitor***, ***Indianapolis Star***, ***Washington Examiner***, ***The Orlando Sentinel***, ***The Detroit News***, ***The Detroit Free Press***, ***The Providence Journal***, ***Money***, ***Financial World***, and ***Saturday Review***.

**Op-Eds:**

1. "Opinion: Green New Deal Destined for Failure," ***Detroit News***, February 2, 2019. Also as, "Progressives' Green New Deal Destined For Failure," ***RealClearPolitics***, February 3, 2019.
2. "Why the U.S. Economy Needs More Immigrants," ***Indianapolis Star***, August 7, 2018.
3. "The Washington Swamp is Filled with Ethanol," ***Washington Examiner***, December 8, 2017. Also as, "The 'Swamp' is Filled with Ethanol," ***Waterbury (CT) Republican-American***, Dec. 16, 2017.
4. "Donald Trump is the anti-Lincoln," ***Detroit Free Press***, March 8, 2017; ***Indianapolis Star*** (online at: indystar.com) March 9, 2017 Under the same title.  
Also as: "Lincoln Knew Benefits of Open Immigration," ***Daily Journal*** (Johnson County, IN), March 23, 2017; "Lincoln Strongest Supporter of Open Immigration," ***The Republic*** (Columbus, IN), March 23, 2017.
5. "Liberals Should Understand the Department of Energy Before Defending it," ***Washington Examiner***, January 5, 2017.
6. "Abolish the Department of Energy," ***Washington Examiner***, December 27, 2016.
7. "Energy Policy, Clinton, Trump: Clichés, Confusion and Delusions," ***The Orlando Sentinel***, October 5, 2016. Also as: "Energy Clichés, Confusions and Delusions," ***Waterbury (CT) Republican-American***, Oct. 16, 2016.
8. "Clinton Promises to Expand Failed Energy Policies," ***RealClearEnergy.org***. Aug. 22, 2016. Also as, "Clinton vows to expand failed energy polices," ***Pittsburgh Tribune-Review***, September 7, 2016.
9. "If All Presidents had made Energy Policy like Obama..." ***Washington Examiner***, Jan. 28, 2016.
10. "Poor Countries are the Big Losers in the Green-Energy Sweepstakes," ***The Orlando Sentinel***, Nov. 14, 2015. Also as: "The Poor will be the Losers Regardless of Outcome of Paris Climate Talks," ***Indiana Economic Digest***, Nov. 19, 2015; "Climate Action will Victimize the Poor," ***Waterbury (CT) Republican-American***, Nov. 22, 2015; "Impoverished will Lose at Climate Change Talks," ***Indianapolis Star***, Nov. 23, 2015; "The World's Poor Stand to Lose Most," ***Lebanon (PA) Daily News***, Dec. 4, 2015.
11. "Obama and the Climate of Crisis," ***RealClearEnergy.org***. Sept.1, 2015.
12. "U.S. Spends but Makes little Headway on Renewable Energy," ***The Orlando Sentinel***, July 2, 2015. Also as: "Smart People, Dumb Idea," ***Waterbury (CT) Republican-American***, July 8, 2015.
13. "On Energy Policy, Bipartisanship is Overrated," ***Detroit News***, February 5, 2015. Also as: "Energy: Limits of Bipartisanship," ***Waterbury (CT) Republican-American***, February 8, 2015.
14. "Just When Environmentalists Think Oil Age is Over, Glut Occurs," ***The Orlando Sentinel***, November 13, 2014. Also: "Oil Prices Confound Editorial Writers," ***Providence Journal***, November 21, 2014; "Peak-oil Fears Lose Their Edge — For Now," ***Waterbury (CT) Republican-American***, November 28, 2014.
15. "Lessons About Nation's Energy Still Unlearned," ***Indianapolis Star***, September 25, 2013; Also in:

- "After 40 Years, Politicians Still Understand Little About Energy," *Reporter-Times* (Martinsville, IN), October 1, 2013; "After 40 Years, Energy Still Confuses Pols," *Providence Journal*, October 2, 2013; "After 40 Years, Politicians Still Understand Little About Energy," *insideindianabusiness.com*, October 3, 2013; "After Forty Years, Politicians Still Understand Little About Energy," *theenergycollective.com*, October 23, 2013.
16. "Much of What You 'Know' about U.S. Energy Policy is Wrong," *Indianapolis Star*, May 5, 2013. A slightly different version appeared under the titles of "Energy Dependence Myth Inhibits True Growth," *Fort Wayne (IN) Journal-Gazette*. "What's Wrong with U.S. Energy Policy?" *Nuvo Newsweekly*, May 7, 2013. "U.S. Energy Narrative is all Wrong," *Waterbury (CT) Republican-American*, May 12, 2013.
  17. "Campaign Rhetoric Running on Empty (as Usual)," *Cleveland Plain Dealer*, September 8, 2012; A slightly altered version appeared under the title "From Both Political Parties Come Clichés on Energy Policy" in the *Providence Journal*, September 20, 2012; *The Reporter* (North Pennsylvania). September 24, 2012; and under the title, "Neither Candidate Has a Useful Idea on How to Craft Energy Policy," *Deseret (Salt Lake, City) News*, September 25, 2012.
  18. "Here We Go Again with a Blueprint to Nowhere," *Indianapolis Business Journal*, May 7, 2011.
  19. "Bill Gates Wants to Spend Your Money," *Indianapolis Business Journal*, July 24, 2010.
  20. "American Power Act: Designed for Failure," *Indianapolis Star*, May 30, 2010.
  21. "Want to Help the Environment and Get Cash Back for Cutting Carbon Emissions?" *Christian Science Monitor*, January 13, 2010. Reprinted as: "Want to Help the Environment?" *Gorkhapatra* (Nepal).
  22. "Just What are 'Green Jobs,' Anyway?" *Indianapolis Business Journal*, November 7, 2009. Revised version, "Just What is a 'Green' Job?" *Waterbury (CT) Republican-American*, January 17, 2010.
  23. "You and I Pay so Teams can Play in our Backyard," *Indianapolis Star*, April 22, 2009.
  24. "Let's Learn from the Depression What Works and What Doesn't," *Indianapolis Star*, February 25, 2009.
  25. "We Can Only Dream About Low Gas Prices, Independence," *Indianapolis Star*, February 10, 2009.
  26. "An Apollo Program for US Energy?" *The Christian Science Monitor*, January 28, 2009. Reprinted in: *The Arizona Daily Sun* (Flagstaff, AZ); *The Alaska Dispatch*; *Jakarta* (Indonesia) *Globe*; *North Jersey Herald News* (Passaic, NJ). Revised and updated, "No Apollo Program For Energy," *Waterbury (CT) Republican-American*, June 20, 2010.
  27. "Bankruptcy Beckons," *Indianapolis Star*, November 30, 2008.
  28. "Putting Our Financial House in Order," *Indianapolis Star*, October 12, 2008
  29. "Supply and Demand for Corn Played Part," *Indianapolis Star*, June 1, 2008.
  30. "Campaigns Running Out of Energy," *Indianapolis Star*, April 17, 2008.
  31. "OPEC – Not as Powerful as You Might Think," *The Christian Science Monitor*, March 5, 2008. Reprinted in: *The Deseret Morning News*, (Salt Lake City); *The News & Observer* (Raleigh, NC); *Island Packet* (Hilton Head, SC); *TriCity Herald* (Kennewick, Pasco, Richland, WA); *The Sacramento Bee*; *The Guelph Mercury*, (Guelph, Ontario, Canada); *The Bellingham Herald*, (Bellingham, WA).
  32. "The Farm Boom: It Won't Last; It Never Does," *The Plain Dealer* (Cleveland), February 17, 2008.
  33. "Energy Bill Takes us Nowhere," *Indianapolis Star*, December 20, 2007
  34. "The Ignored Issue," *The Orlando Sentinel*, September 19, 2004.
  35. "You Might Have Had to Leave Home Without It," *The Wall Street Journal*, February 13, 2001.
  36. "US Promoted Nuke Power Before System was Ready", *The Providence Journal* (RI), June 12, 2001.
  37. "The Stock Market and the Real World," *Indianapolis Star*, April 18, 2000.
  38. "Open Trade Means an End to Closed China," *Indianapolis Star*, Dec. 10, 1999.
  39. "'Surpluses Forever' is Pie in Sky," *The Providence Journal*, July 7, 1999.
  40. "The Downside of Economic Paradise", *Indianapolis Star*, July 11, 1999.
  41. "Doing Just Fine in a Year with No Economic Policy," *Indianapolis Star*, March 30, 1999.

42. "Irrationalexuberance.com," *The Providence Journal*, January 20, 1999
43. "The Realities of Web-based Commerce", *Indianapolis Star* January 24, 1999.
44. "Definition of a 'Good Job' Has Changed," *The Plain Dealer* (Cleveland), July 27, 1998.
45. "Redefining 'Good' Jobs in the New Economic Environment," *The Christian Science Monitor*, July 13, 1998.
46. "Why We're Uneasy Despite the Good Economy," *Indianapolis Star*, June 7, 1998.
47. "No Substitute for Choice in Electric Power," *Indianapolis Star*, March 29, 1998.
48. "Business Boom May Have Bumps Ahead," *Indianapolis Star*, January 18, 1998
49. "Effects of a Faltering Japanese Economy," *Indianapolis Star*, December 3, 1997.
50. "Cornerstone of Regional Economic Policy," *Indianapolis Star*, October 27, 1997.
51. "The Wrong Mix of Trade and Environmental Protection," *Indianapolis Star*, September 21, 1997.
52. "How One Man's Words Affect the Economy," *Indianapolis Star*, August 27, 1997.
53. "Shared Benefits of Falling Trade Deficit," *Indianapolis Star*, June 18, 1997.
54. "A Balanced Budget in Five Years If...." *Indianapolis Star*, May 22, 1997.
55. "Promoting a Free Market for a Free Society," *Indianapolis Star*, April 6, 1997.
56. "Advantage of Allowing the Market to Decide," *Indianapolis Star*, March 6, 1997.
57. "When America Online Forgot Basics of Economics," *Indianapolis Star*, February 3, 1997.
58. "When the Price of Gasoline Goes Up, Politicians Come Up with Solutions," *The Indianapolis Star/News*, Business Section, May 13, 1996;
59. "Déjà vu Oil Over Again," *Indianapolis Business Journal*, May 20-26, 1996.
60. "Trade Protectionism Won't Solve Job Insecurity of Americans," *The Indianapolis Star/News*, Business Section April 8, 1996.
61. "Labor, Management Must Join Hands to Aid U.S. Worker," *The Indianapolis Star/News*, Business Section, Oct. 16, 1995.
62. "Tax System Should Reward Saving Not Consuming," *The Indianapolis Star/News*, Business Section, June 12, 1995; reprinted in the *Indianapolis Business Journal*, June 12-18, 1995.

**Indianapolis Star**, a regular monthly editorial 6/13/00 to 4/10/07:

1. "A Confused Energy Policy," April 10, 2007
2. "Fear not, Middle Class," March 13, 2007
3. "A Tank Full of Ethanol Dreams," February 13, 2007.
4. "You Heard it Here First from Prognosticating Economist," January 9, 2007.
5. "Elitist Dobbs Democrats have no Faith in US Workers," December 12, 2006.
6. "Dim Housing Market Could Prove Pessimists Right," November 14, 2006.
7. "Divided Government Puts Brakes on Spending Sprees," October 10, 2006
8. "It's not Wal-Mart, Stupid; how about Important Issues," September 12, 2006.
9. "Tax Cuts Play Little Role in Economic Growth," August 8, 2006
10. "The Downside in a Hike in the Minimum Wage," July 11, 2006
11. "Price Gouging isn't Their Business," June 13, 2006
12. "The American Dream Lives in the Hearts of Immigrants," May 9, 2006
13. "They Breached the First Contract, Why Believe Them Now?" April 11, 2006
14. "Oil Independence isn't the Answer to Our Problems," March 14, 2006
15. "Misleading Hype Creates Major Moves Skepticism," February 19, 2006
16. "I-69 Project Can't Live Up to Promise of 94,000 Jobs," January 10, 2006.
17. "Let US Carmakers Solve the Problems They Created," December 13, 2005.
18. "US Deficit May Cause Headaches for New Fed Chair," November 6, 2005
19. "America Still Offers Hope for Escaping the Grip of Poverty," October 13, 2005
20. "U.S. Must Find Some Way to Pay Costs of Katrina," September 13, 2005.
21. "If You Like Pork, You'll Love the New Energy Bill," August 9, 2005.
22. "Let Chinese Buy Unocal: It Won't Hurt Our Oil Supply," July 12, 2005
23. "Watch for Economic Fallout when Housing Bubble Bursts," June 14, 2005.
24. "Politicians Might as well Do Nothing about Gas Prices," May 10, 2005.

25. "An Economic Case for Helping Poorest of the Poor," April 12, 2005.
26. "Bush Praises Slovakian Tax—Well, Just the Flat Part," March 8, 2005.
27. "Here's a Win-Win Solution for Social Security," February 19, 2005.
28. "Sorting Fact From Fiction in Social Security Debate," February 8, 2005.
29. "Americans Prove to the World They're Not a Stingy Bunch," January 11, 2005.
30. "If the Dollar Plunges, Watch Out for Worldwide Fallout," December 14, 2004
31. "Bush Should Renew Belief in Smaller Government," November 9, 2004
32. "Sensible Tax, Marketing Will Lure Businesses," October 12, 2004.
33. "Pick Your Poison: Bush's or Kerry's Economic Plan," September 14, 2004.
34. "Level With Us about Real Costs of Adequate Health Care," August 10, 2004.
35. "Keeping the Colts Isn't a Win-Win for the City," July 13, 2004.
36. "A Real Market Solution to Gas Price Hysteria," June 8, 2004.
37. "Here's the Economic Plan Kerry Should Propose," May 11, 2004.
38. "If Only Bush Would Offer a Budget with GOP Values," April 13, 2004.
39. "Bush's Election-Year Budget Plan Pushing Federal Debt Higher," March 9, 2004.
40. "When Bureaucrats Set Prices We All Suffer," February 10, 2004.
41. "Yes, There are Losers, but We All Gain from Trade," January 14, 2004.
42. "Congress Should Pull Plug On Subsidy-Laden Energy Bill," December 9, 2003.
43. "Clear Thought Has No Part in China-Bashing Process," November 11, 2003.
44. "Music Industry's Strong-arm Tactics Hit the Wrong Note," October 14, 2003
45. "Use Market Principles to Keep Lights Turned On," September 9, 2003.
46. "Hey, Big Spender, You've Got Conservatives Worried," August 12, 2003.
47. "The Potential Problem with High Trade Deficits," July 8, 2003.
48. "Who Needs this Energy Bill? We Sure Don't," June 10, 2003.
49. "Reminded that Free Markets Bring Prosperity and Choice," May 13, 2003.
50. "The Decline and Rise (?) of Indiana's Economy," April 8, 2003.
51. "Bush's Deficit Spending Bound to Backfire," March 11, 2003.
52. "Hydrogen-fueled Car a Great Idea But Not for Government," February 11, 2003.
53. "Bush's Tax-cut Plan Benefits Don't Justify the Costs," January 14, 2003.
54. "Don't Just Clean House Make Real Economic Policy Changes," December 17, 2002.
55. "Are We Still Middle Class or Have the Rich Taken Over? November 16, 2002.
56. "Poor Alan Greenspan in Victim of Great Expectations," October 14, 2002.
57. "Despite Business Bad Guys, Economy Will Keep Thriving," September 10, 2002.
58. "Hard Lessons from a Falling Stock Market," August 15, 2002.
59. "Despite Risks, School Vouchers Worth the Cost," July 9, 2002.
60. "'Deregulated' Energy Destined to Fail," June 13, 2002.
61. "Nothing Sweet About Sugar Subsidies," May 14, 2002.
62. "Freedom to Farm is Coming Undone," April 9, 2002.
63. "Steel Jobs Saved at High Cost to Rest of Us," March 12, 2002.
64. "The Unrealized Promise of the Internet," February 12, 2002.
65. "2002 Prediction: Markets will Fluctuate," January 8, 2002.
66. "Protectionism No Answer for U.S. Steel," December 11, 2001.
67. "Energy Bill Won't Give us Independence," November 13, 2001.
68. "Uncle Sam Needs You to Spend," October 30, 2001.
69. "Caution on a Speedy Stimulus," October 9, 2001.
70. "The Downside of Boom-and-Bust Budgets," September 11, 2001.
71. "The Energy Crisis that Never Happened," August 14, 2001.
72. "The Federal Budget Surplus that Isn't," July 10, 2001.
73. "Open Borders Mean More Prosperity for All," June 12, 2001.
74. "New Nukes for Energy? Not Likely," May 22, 2001
75. "Pandering to the Public With Energy Plan, May, 8, 2001.
76. "Economy Boost Wrong Reason for a Tax Cut," April 10, 2001.
77. "Investor's Lament: What's Going on Here?" March 18, 2001.
78. "Before We Privatize Retirement Accounts," March 13, 2001.

79. "Market Meddling Can Cause an Energy Mess," February 13, 2001.
80. "A Vision of the Economy for the Year 2001," January 9, 2001.
81. "Gridlock in Washington? Let's Hope So," December 12, 2000.
82. "New President Aside, We Need Tax Reform," November 14, 2000.
83. "George W.'s Un-doable Economic Plan," October 10, 2000.
84. "The Cost of Gore's Proposal Unknown," September 12, 2000.
85. "Economic Choice in Candidates," August 8, 2000.
86. "Need for Hands-off Oil Policy," July 11, 2000.
87. "Dilemma of Electric Regulation," June 13, 2000.

#### Magazine Articles (since 1994):

- "Russian Reform: Possibility or Pipedream," *USA Today Magazine*, November 1996.  
 "Douglass North: Why Some Nations Can Sustain Growth," *Economic Reform Today*, Fall 1994.

#### Blog Posts

Articles online at The Energy Collective (EC): <http://theenergycollective.com/>; Master Resource (MR): [www.masterresource.org](http://www.masterresource.org); Cambridge University Press blog ("This Side of the Pond") (CUP): [www.cambridgeblog.org](http://www.cambridgeblog.org), Houston Chronicle, Inside Policy & Politics (HC): <http://blog.chron.com/insidepolicy>, and Our Energy Policy, (OEP): [ourenergypolicy.org](http://ourenergypolicy.org).

1. "On Coal Power Plants, Japan has the Right Idea," 10/8/15 (HC)
2. "What Goes Down Must..." 1/27/15, (HC).
3. "Bipartisan Energy Policy: Consumers, Taxpayers Beware" 1/13/15 (MR).
4. "Bipartisan Energy Policy: The Solution or the Problem?" 12/3/14 (OEP).
5. "Science vs. Politics," 7/8/14 (HC).
6. "What Oil Weapon?" 11/19/13 (HC).
7. "After Forty Years, Politicians Still Understand Little About Energy," 10/23/13 (EC).
8. "Simple Rules for a Complex World: Five for Energy Policy," 10/4/13 (MR).
9. "Energy Policy Myopia: George P. Shultz Remembered (Republicans Have Been Bad Too)," 9/20/13, (MR).
10. "U.S. Energy Policy: New Mindset Needed ('energy security' narrative must go)," 7/26/13 (MR)
11. "It Takes a Crisis: Energy and Climate Change," 6/7/13 (EC)
12. "Ignorant Arrogance: Energy 'Market Failure' Revisited," 5/2/13 (MR)
13. "The Future of Fracking," 4/8/13 (CUP)
14. "Energy Price Volatility and the Energy Security Trust," 3/29/13 (EC)
15. "Defining Success Downward?" 2/11/13 (EC)
16. "Renewable Energy Portfolio Standards Mandates: What Gives?" 1/19/13 (EC)
17. "Getting it Wrong: A Brief History of Energy Forecasts," 12/21/12 (EC)
18. "Is Energy Independence Undesirable?" 10/12/12 (EC)
19. "Would a North American Energy Pact Lead to Energy Independence?" 11/2/12 (EC)

#### Dissertation

Contract and Conflict: A Study of the Express Cartel  
 Chair, **Douglass C. North**

#### Referee

*Journal of Public Policy*

*Energy Economics  
Science  
Economic Inquiry  
Journal of Institutional and Theoretical Economics  
Journal of Conflict Resolution  
Social Science History  
Journal of the Indiana Academy of the Social Sciences  
The Independent Review  
Energy Policy*

### **Awards**

Butler University Distinguished Faculty Award for Scholarship 2014  
 “Apple for You” Teaching Award, 2006, 2013 Butler University  
 COB Faculty Outstanding Achievement, 2013  
 COB Faculty Award, Excellence in Research, 2002-3, Butler University  
 William Abbott Fellow, 1991-1992, Washington University, St. Louis  
 Who’s Who in America 2009-present

### **Professional Office**

Junior Director, Indiana Academy of Social Sciences, 1995-1996  
 Director, IASS, 1996-7  
 Senior Director, IASS, 1997-8

### **Professional Conference Participation**

Chair/discussant  
 Midwest Economics Association, March 28, 2003.  
 Southern Economic Association, November 25, 2002 (session organizer)  
 Southern Economic Association, November 21, 1999.  
 Indiana Academy of the Social Sciences, (Economics Session), Oct. 16, 1997.  
 Indiana Academy of the Social Sciences, (Economics Session), Oct. 11, 1996.  
 International Studies Association (Midwest), Sept. 22, 1995.  
 Western Economic Association, June 23, 1993.  
 Economic and Business Historical Society, April 24, 1991.

### **Other Professional Activities**

Member, Board of Directors, Real Silk Investments Inc., 1998- 9, (outside director)  
  
 Consultant, Ralston Purina Inc., 1993-4 (consulted on 100<sup>th</sup> anniversary corporate history project)

### **Professional Organizations**

American Economic Association, International Association for Energy Economics,  
 Society for Environmental Law & Economics