

James M. Griffin
BERKELEY RESEARCH GROUP

2700 Earl Rudder Freeway South
Suite 4800
College Station, TX 77845
JGriffin@thinkBRG.com
Mobile: 979.777.9950

EDUCATION

Ph.D., Economics, University of Pennsylvania, 1970
BA, Economics and Mathematics, Southern Methodist University, 1966

PROFESSIONAL EXPERIENCE

Director, Mosbacher Institute for Trade, Economics & Public Policy, George Bush School, 2010+
Professor of Economics and Public Policy, George Bush School, Texas A & M University, 2001+
Hugh Roy Cullen Professor in Economics, Texas A&M University, 1991–2001
Ella C. McFadden Professor of Economics, Texas A&M University, 1989–1991
Professor of Economics, Texas A&M University, 1983–89
Professor of Economics, University of Houston, 1977–83
Associate Professor of Economics, University of Pennsylvania, 1973–77
Assistant Professor of Economics, University of Houston, 1972–73
Economist, Corporate Planning, Exxon Corporation (New York) 1971–72
Economist, Corporate Planning, Sun Oil, 1969–71

ACADEMIC HONORS AND ACTIVITIES

Bob Bullock Chair in Public Policy and Finance, 2001+
Hugh Roy Cullen endowed professorship in Economics, 1991–2001
Ella C. McFadden endowed professorship in Liberal Arts, 1989–1991
Editorial Board Member, *Journal of Resources and Energy*
Editorial Board Member, *Journal of Regional Science*, 1978–1989
Editorial Board Member, *The Energy Journal*
Editorial Board Member, *Pacific and Asian Journal of Energy*
Humboldt Fellow, University of Koln, 1980
Economics Research Unit Fellow, University of Pennsylvania, 1966–1969

RESEARCH GRANTS

"Studies in Energy Tax Policy," Energy Policy Project, Ford Foundation, \$12,000, 1972–1973

"An International Analysis of Demand Elasticities Among Fuel Types," National Science Foundation, \$70,000, 1975–1976

"Development Work for an Energy Economics Text," (with Henry Steele), Exxon Foundation, \$25,000, 1977

"Miscellaneous Studies of Gasoline Demand and OPEC Pricing," Energy Laboratory, University of Houston, \$21,000, 1978–1982

"The Economic Impact of Severance Taxes," (with John Moroney), Texas Midcontinent Oil and Gas Association, \$150,000, 1984–1985

"Previous Cartel Experience: Any Lessons for OPEC?" Tenneco Foundation, \$21,000, 1987

"Economic Analysis of a Proposal to Extend the Economic Lives of Marginal Oil and Gas Wells," Center for Energy and Mineral Resources, \$16,500, 1990–1991

"The Effects of Airline Deregulation on Costs and Technical Change," (with Badi Baltagi), Texas Advanced Research Program, \$63,600, 1992–1993

"Liquor Consumption: The Relative Impact of Different Social Control Devices," (with Badi Baltagi), Texas Advanced Research Program, \$72,800, 1999–2001

PUBLICATIONS

Books

Capacity Measurement in Petroleum Refining (Lexington, Massachusetts: D.C. Heath, 1971).

Energy Conservation in the OECD: 1980 to 2000 (Cambridge: Ballinger, 1979).

Energy Economics and Policy (with Henry Steele) (New York: Academic Press, 1980). First edition.

OPEC Behavior and World Oil Prices (edited with David Teece) (London: Allen and Unwin, 1982).

Energy Economics and Policy (with Henry Steele) (Orlando: Academic Press, 1986) Second edition.

Global Climate Change: The Science, Economics, and Politics, (editor) (Cheltenham, UK: Edward Elgar, 2003).

Electricity Deregulation: Choices and Challenges, edited with Steven Puller, (Chicago: University of Chicago Press, 2005).

A Smart Energy Policy: An Economist's Rx for Balancing Cheap, Clean, and Secure Energy (New Haven, CT: Yale University Press, 2009).

Monographs

Energy Input-Output Modelling, Problems and Prospects (Palo Alto: Electric Power Research Institute, 1976).

The Economic Impact of Severance Taxes: Results from an Econometric Model of the Texas Oil and Gas Industry (with J.R. Moroney) (Austin: Texas Mid Continent Oil and Gas Association, 1985).

Articles and Papers

"An Econometric Model of the U.S. Petroleum Refining Industry," (with F.G. Adams) in *Essays in Industrial Econometrics*, Vol. 1, ed. L.R. Klein (Philadelphia: University of Pennsylvania, 1969).

"The Process Analysis Alternative to Statistical Cost Functions: An Application to Petroleum Refining," *American Economic Review* 62 (March 1972): 46–56.

"An Economic Measure of Capacity in a Joint Product, Multi-Process Industry," *Journal of Political Economy* 80 (August 1972): 703–723.

"An Econometric-Linear Programming Model of the U.S. Petroleum Refining Industry" (with F.G. Adams), *Journal of the American Statistical Association* 67 (September 1972): 542–551. Reprinted in *Studies in Industrial Econometrics*, ed. Walter Labys (Cambridge: Heath Lexington, 1974).

"Suggested Roles for Econometrics and Process Analysis in Long-Term Energy Modeling," in *Prospects for Energy Modelling*, ed. Milton Searl (Baltimore: John Hopkins Press, 1973): 177–186.

"Recent Sulphur Tax Proposals: An Econometric Evaluation of Welfare Gains," in *Energy: Demand, Conservation and Institutional Problems*, ed. Michael S. Macrakis (Cambridge: MIT Press, 1974): 236–248.

"The Process Analysis Alternative to Statistical Cost Functions: Reply," *American Economic Review* 64 (September 1974): 777–779.

"Methodological Issues in the Econometric Estimation of Energy Demand Elasticities," in *Energy Modeling and Forecasting*, ed. Peter Benenson et al. (Berkeley: Lawrence Berkeley Laboratory, 1975).

"Secular and Cross-Section Industrialization Patterns: Some Further Evidence on the Kuznets-Chenery Controversy" (with Paul Gregory), *The Review of Economics and Statistics* 56 (August 1974): 360–368.

"An Econometric Evaluation of Sulphur Taxes," *Journal of Political Economy* 82 (July/August 1974): 669–688.

"Environmental Quality and Rising Energy Needs: A Collision Course?" *Studies in Energy Tax Policy*, ed. Gerard M. Brannon (Cambridge: Ballinger, 1975): 253–320.

"The Effects of Higher Prices on Electricity Consumption," *Bell Journal of Economics and Management Science* 5 (Autumn 1974): 515–539.

"Demand Elasticities for Gasoline: Another View" (with F.G. Adams and Hugh Graham), University of Pennsylvania Working Paper, 1975.

- "An Intercountry Translog Model of Energy Substitution Responses" (with Paul Gregory), *American Economic Review* 66 (December 1976): 845–857.
- "Uncertainty and the Choice of Pollution Control Instruments" (with Zvi Adar), *Journal of Environmental Economics* 3 (October 1976): 178–188.
- "Long Run Production Modeling with Pseudo Data: Electrical Power Generation," *Bell Journal* 8 (Spring 1977): 112–127.
- "The Econometrics of Joint Production: Another Approach," *Review of Economics and Statistics* 59 (August 1977): 389–397.
- "Interfuel Substitution Possibilities: A Translog Application to Pooled Data," *International Economic Review* 18 (October 1977): 755–770.
- "An Application of Process Modelling in a Macroeconomic Framework," in *Intermaterials Competition in the Management of Shrinking Resources*, ed. W.R. Schmeal (New York: American Institute of Chemical Engineers, Symposium Series, Vol. 73, 1977): 55–56.
- "Methodological Implications of International Energy Demand Analysis," in *International Comparisons of Energy Consumption*, ed. Joy Dunkerley (Washington: Resources for the Future, 1978): 101–110.
- "Joint Production Technology: The Case of Petrochemicals," *Econometrica* 46 (March 1978): 379–396.
- "Results of Policy Simulations to 2000," in *Select Papers from Workshops on World Energy Supply and Demand*, International Energy Agency, Paris, 1978.
- "A Post Arab Oil Embargo Comparison of Alternative I-O Coefficient Modelling Techniques" (with W.F. Finan), *Journal of Resources and Energy* 1 (December 1978): 315–324.
- "Statistical Cost Analysis Revisited," *Quarterly Journal of Economics* 93 (February 1979): 107–130.
- "Alternative Functional Forms and Errors of Pseudo Data Estimation: A Reply," *Review of Economics and Statistics* 62 (May 1980): 327–328.
- "The Energy-Capital Complementarity Controversy: A Progress Report on Reconciliation Attempts," in Berndt and Fields (eds.), *Economics of Natural Resource Substitution* (MIT Press, 1982).
- "Statistical Cost Analysis Revisited: A Reply," *Quarterly Journal of Economics* 96 (February 1981): 183–187.
- "The Approximation Characteristics of Generalized Functional Forms: Results from Pseudo-Data Experiments," ed. V.K. Smith, *Advances in Applied Microeconomics, Vol. II*, (Greenwich: J.A.I. Press, 1982): 3–18.
- "Engineering and Econometric Interpretations of Energy-Capital Complementarity: A Comment," *American Economic Review* 71 (December 1981): 1100–1104.

- "Pseudodata: A Synthesis of Econometric and Process Modelling Methodologies," in R. Amit and M. Avriel (eds.), *Perspectives on Resource Policy Modeling: Energy and Minerals* (Cambridge: Ballinger, 1982): 63–82.
- "A Tariff on Imported Oil," (with David Teece) *Journal of Contemporary Studies*, Winter 1982. Also see "An Exchange on Oil Tariffs" (with Milton Friedman), *Journal of Contemporary Studies*, Summer 1982.
- "The Welfare Implications of Externalities and Price Elasticities for Telecommunications Pricing," *Review of Economics and Statistics* 64 (February 1982): 59–66.
- "Recent Oil Price Escalations: Implications for OPEC Stability" (with G. Daly and H.B. Steele), in Griffin and Teece (eds.), *OPEC Behavior and World Oil Prices* (Boston: Allen and Unwin, 1982): 145–174.
- "The Future of OPEC: Price Level and Cartel Stability" (with G. Daly and H.B. Steele), 4 *Energy Journal* 1 (1983): 65–77.
- "Gasoline Demand in the OECD: An Application of Pooling and Testing Procedures" (with Badi Baltagi), *European Economic Review* 22 (July 1983): 117–137.
- "U.S. Gasoline Demand: What Next" (with Badi Baltagi), 5 *Energy Journal* 1 (1984): 129–140.
- "Short and Long Run Effects in Pooled Models" (with Badi Baltagi), *International Economic Review* 25 (October 1984): 631–646.
- "Demand System Estimation in the Presence of Multi-block Tariffs: A Telecommunications Example" (with Bruce Egan), *Review of Economics and Statistics* 67 (August 1985): 520–524.
- "OPEC Behavior: A Test of Alternative Hypotheses," *American Economic Review* 75 (December 1985): 954–963.
- "An Economic Model of the Texas Petroleum Industry" (with J.R. Moroney, Dale Bremmer, and Clifton Jones), 34 *Oil and Gas Tax Quarterly* 3 (March 1986): 575–596.
- "Falling Oil Prices: Where is the Floor" (with Cliff Jones), 7 *Energy Journal* 4 (October 1986): 37–50.
- "Comments on "Lessons Learned from the 1986 Oil Price Collapse," *Brookings Papers on Economic Activity*, II (1986): 276–282.
- "The Welfare Gain from Efficient Pricing of Local Telephone Services" (with Tom Mayor), *Journal of Law and Economics* 30 (October 1987): 465–488.
- "Economies of Scale in a Multiplant Technology: Evidence from the Oilpatch" (with Cliff Jones), 26 *Economic Inquiry* 1 (January 1988): 107–122.

"A General Index of Technical Change" (with Badi Baltagi), *Journal of Political Economy* 96 (February 1988): 20–41.

"A Test of the Free Cash Flow Hypothesis: Results from the Petroleum Industry," *Review of Economics and Statistics* 70 (February 1988): 76–82.

"A Generalized Error Component Model with Heteroskedastic Disturbances" (with Badi Baltagi), *International Economic Review* 29 (November 1988): 745–754.

"Alternative Models of Managerial Behavior: Empirical Tests for the Petroleum Industry" (with Badi Baltagi), *Review of Economics and Statistics* 71 (November 1989): 579–585.

"Previous Cartel Experience: Any Lessons for OPEC?" in L.R. Klein and J. Marquez (eds.), *Economics in Theory and Practice: An Eclectic Approach* (Kluwer, 1989): 179–206.

"Takeover: Managerial Incompetence or Managerial Shirking?" (with Steven Wiggins), *Economic Inquiry* 30 (April 1992): 355–370.

"OPEC and World Oil Prices: Is the Genie Back in the Bottle?" *Energy Studies Review* 4 (January 1992): 27–40.

"Methodological Advances in Energy Modeling: 1970–90," 14 *Energy Journal* 1 (January 1993): 111–124.

"The 1985-86 Oil Price Collapse and Afterwards: What Does Game Theory Add?" (with William Neilson), *Economic Enquiry* (October 1994): 543–562.

"OPEC Production: The Missing Link" (with Larry Vielhaber), *Energy Journal*, Special Issue (1994): 115–132.

"Airline Deregulation: The Cost Pieces of the Puzzle" (with Badi Baltagi and Daniel Rich), *International Economic Review* (February 1995): 245–258.

"A Dynamic Demand Model for Liquor: The Case for Pooling" (with Badi Baltagi), *Review of Economics and Statistics* (August 1995).

"The Measurement of Firm-Specific Indexes of Technical Change" (with Badi Baltagi and Daniel Rich), *Review of Economics and Statistics* (November 1995): 654–663.

"Pooled Estimators vs. Their Heterogeneous Counterparts in the Context of Dynamic Demand for Gasoline" (with Badi Baltagi), *Journal of Econometrics* (April 1997): 303-327. Reprinted in *Recent Developments in the Econometrics of Panel Data*, ed. Badi Baltagi (Cheltenham, UK: Edward Elgar, 2002).

"The Incentive to Cheat: An Empirical Analysis of OPEC" (with Weiwen Xiong), *The Journal of Law and Economics* (October 1997): 289–316.

"Effect of a Mass Merchandiser on Traditional Food Retailers" (with Oral Capps), *Journal of Food Distribution Research* (February 1998).

“Excess Capacity: A Permanent Characteristic of U.S. Airlines?” (with Badi H. Baltagi and S.R. Vadali), *Journal of Applied Econometrics* (December 1998): 645–646.

“To Pool or Not to Pool: Homogenous Estimates Applied to Cigarette Demand” (with Badi Baltagi and Weiwen Xiong), *Review of Economics and Statistics* (February 2000): 117–126.

“The Econometrics of Rational Addiction: The Case of Cigarettes” (with Badi Baltagi), *Journal of Business and Economic Statistics* (October 2001): 449–454.

“Rational Addiction to Alcohol: Panel Data Analysis of Liquor Consumption” (with Badi Baltagi), *Health Economics* (Fall 2002): 485–491.

“Homogeneous, Heterogeneous or Shrinkage Estimators? Some Empirical Evidence from French Regional Gasoline Consumption” (with Badi Baltagi, Georges Bresson, and Alain Pirotte), *28 Empirical Economics* 4 (November 2003):795-811.

“New Evidence on Asymmetric Gasoline Price Responses” (with Lance Bachmeier), *85 Review of Economics and Statistics* 3(August 2003):772–776.

“Price Asymmetry in Energy Demand Models: A Proxy for Energy - Saving Technical Change” (with Craig Schulman), *Energy Journal* (2005): II 1–21.

“Testing for Market Integration: Crude Oil, Coal, and Natural Gas” (with Lance Bachmeier), *Energy Journal* (2006): II 55–71.

“Swedish Liquor Consumption: New Evidence on Taste Change” (with Badi Baltagi), in *Contributions to Economic Analysis*, ed. B. Baltagi (Amsterdam: Elsevier, 2006).

“The Future of World Oil Prices: Some Keys to the Puzzle,” in K. Huff, K. Meilke, R. Knutson, R. Ochoa, and J. Rude (eds.), *Contemporary Drivers of Integration* (Texas A&M University, University of Guelph, and Inter-American Institute for Cooperation on Agriculture-Mexico: 2008), pp. 7–24

“U.S. Ethanol Policy: Time to Reconsider?” *Energy Perspectives*, forthcoming 2013.

SELECTED EXPERT TESTIMONY EXPERIENCE

Affiliation:

Managing Director, Berkeley Research Group
2700 Earl Rudder Fwy. South
Suite 4800
College Station, TX 77845
979-694-2421

Depositions and Trial Testimony

Anglo Dutch (Tenge) L.L.C. and Anglo Dutch Petroleum International Inc. v. Ramco Oil and Gas Ltd.; Ramco Energy PLC.; Golden Eagle Partners S.a.r.L., Central Asian Industrial Investments, N.V.;

Halliburton Energy Services, Inc.; Halliburton Company, Bruce Kososki; and Fred M. Tresca, Deposition, 2003.

I Q Products vs. Pennzoil-Quaker State Company, U.S. District Court for the Southern District of Texas, Houston Division, H-01-0066, Deposition, February 2003.

Thornberry Oil Field Services vs. Gulf Coast Partners, Houston Pipeline Co., and Danex Energy Co., Southern District of Texas, Houston Division, H-03-1458, Report and Deposition, November 2004.

Union Oil Company of California, United States of America, Before the Federal Trade Commission, 9305, Report, September 2003; Deposition, October 2003; Trial Testimony, January 2005.

Plains Marketing LP vs. Geonet Gathering LLC, 190th State Court of Harris County Cause No. 2002-47434, Report and Deposition, 2005.

Tetco Inc., et al. vs. Exxon Mobil Corp., 73rd Judicial Court Bexar County, Cause No. 2003-CI-04424, Report and Deposition, 2005.

Kenneth Schauer, et al vs Cargill, Incorporated, et al, 25th Judicial Court, Gonzales County, Cause No. 21,586, Report and Deposition, 2007.

Crawford County Oil, LLC v Plains Marketing, LP, 127th Judicial District Court Harris County, Texas, Report and Deposition, July 2007.

O2Micro v. Rohm Co., Ltd., Sony Corporation, Sony EMCS Corporation, Sony Corporation of America, Sony Electronics Inc; v. MicroSemi Corporation, Third Party Defendant, U.S. District Court for the Eastern District of Texas, Marshall Division, Report and Deposition 2008.

BP America Production Company vs. Carlos M. Zaffirini, Sr., et al, State of Texas Fourth Court of Appeals, San Antonio, Cause No. 04-11-00550-CV, Report and Affidavit, 2011.

Western Convenience Stores, Inc., Western Truck One, LLC v. Suncor Energy (U.S.A.) Inc., United States District Court for the District of Colorado, Cause No. 11-cv-01611-MSK-CBS, Report, March 2013.