

James M. Griffin

PERSONAL:

Office:

George Bush School of Govt. & Public Service
Texas A&M University
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Date of Birth: November 13, 1944
Place of Birth: Dallas, Texas
Marital Status: Married, three children

EDUCATION:

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

PROFESSIONAL EXPERIENCE:

Director, Berkeley Research Group, 2010+
Bob Bullock Chair and Professor of Economics and Public Policy, George Bush School, Texas A & M Univ. 2001+
Founding Director, Mosbacher Institute for Trade, Economics & Public Policy, George Bush School, 2010-2014
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*, 1978-89.
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, 1992-93.

"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 (ed. 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, U.K., 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 Modelling," in *Prospects for Energy Modeling*, 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: M.I.T. 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*, (M.I.T. 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. V.K. Smith (ed.), *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 Modeling 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) *The Energy Journal*, Vol. 4, No. 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) *The Energy Journal*, Vol. 5, No. 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) *Oil and Gas Tax Quarterly*, Vol. 34, No. 3 (March, 1986): 575-596.

"Falling Oil Prices: Where is the Floor," (with Cliff Jones) *Energy Journal*, Vol. 7, No. 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) *Economic Inquiry*, Vol. 26, No. 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 *Economics in Theory and Practice: An Eclectic Approach* (eds. L. R. Klein and J. Marquez) (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 Modelling: 1970-90", *Energy Journal*, Vol. 14, No. 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. Also reprinted in *Recent Developments in the Econometrics of Panel Data*, ed. Badi Baltagi (Cheltenham, U.K., 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.

"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), *Empirical Economics*, 2003, 795-811.

"New Evidence on Asymmetric Gasoline Price Responses" (with Lance Bachmeier), *Review of Economics and Statistics*, August 2003, 772-776.

"Price Asymmetry: A Proxy for Energy Saving Technical Change?" (with Craig Schulman), *The Energy Journal*, 2005:II, pp. 1-21.

"Swedish Liquor Consumption: New Evidence on Taste Change" with Badi Baltagi, in *Contributions in Economic Analysis*, ed. Badi Baltagi (North Holland, Elsevier, 2006).

"Testing for Market Integration: Crude Oil, Coal and Natural Gas (with Lance Bachmeier), *The Energy Journal*, 2006:II, pp. 55-71.

"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?” *The Energy Journal*, 2013:4, pp. 1-24.

“Petro-Nationalism: The Futile Search for Oil Security,” *The Energy Journal*, 2015: Special Issue in Honor of M.A. Adelman, pp. 25-42.

“Interjecting Economics into the Groundwater Policy Dialogue,” *The Texas Water Journal*, 2017:8,1, pp. 98-112.

“The Saudi 2014 Gambit: A Counterfactual Analysis,” *Mineral Economics*, forthcoming 2018