

Gerald Granderson, Professor  
Department of Economics  
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**EDUCATION:**

<u>University</u>	<u>Major</u>	<u>Degree and Date</u>
North Carolina, Chapel Hill	Economics	Ph.D. 1993
Eastern Michigan, Ypsilanti	Economics	M.A. 1987
Michigan, Ann Arbor	Economics	B.A. 1984

**FIELDS OF SPECIALIZATION:**

Industrial Organization  
Regulation  
Productivity Growth and Efficiency

**PROFESSIONAL EXPERIENCE:**

Professor of Economics, Miami University: 2014-Present

Visiting Associate Professor of Economics, University of Florida: Fall 2005

Associate Professor of Economics, Miami University: 1999 to 2014.

Assistant Professor of Economics, Miami University: 1993 to 1999.

Intern, Bureau of Economics, Antitrust Division, Federal Trade Commission  
Washington, DC, Summer 1990.

**COURSES TAUGHT**

Principles of Microeconomics  
Principles of Macroeconomics  
Managerial Economics  
Microeconomic Analysis for Managerial Decisions  
Econometrics (graduate students)

**PUBLICATIONS (book/journal title is underlined):**

- Førsund, Finn, and Granderson, Gerald. "Rate Regulation and the Le Chatelier Principle," Journal of Productivity Analysis, 41(2), April 2014: 263-275.
- Førsund, Finn, and Granderson, Gerald. "The Impacts of the Clean Air Act on Production Cost, And Substitution between Inputs in the Electric Utility Industry," Energy Economics, 40, November 2013: 785-794.
- Granderson, Gerald, and Diego Prior. "Environmental Externalities and Regulation Constrained Cost Productivity Growth in the U.S. Electric Utility Industry," Journal of Productivity Analysis, 39(3), June 2013: 243-257.
- Granderson, Gerald. "The Impacts of Hospital Alliance Membership, Alliance Size, and Repealing Certificate of Need Regulation, on the Cost Efficiency of Non-Profit Hospital," Managerial and Decision Economics, 32(3), April 2011: 159-173.
- Alam, Ila, and Gerald Granderson. "Organizational Structure and Productive Efficiency of U.S. Non-Profit Hospitals," in Evaluating Hospital Policy and Performance: Contributions from Hospital Policy and Productivity Research, edited by Jos L.T. Blank and Vivian G. Valdmanis, Elsevier, Volume 18 of Advances in Health Economics and Health Services Research, 2008: 63-88.
- Granderson, Gerald. "Externalities, Efficiency, Regulation, and Productivity Growth in the U.S. Electric Utility Industry," Journal of Productivity Analysis, 26(3), December 2006: 269-287.
- Granderson, Gerald, and Carl Linvill. "Regulation, Efficiency, and Granger Causality," International Journal of Industrial Organization, 20(9), November 2002: 1225-1245 (lead article).
- Granderson, Gerald. "Regulation, Open-Access Transportation, and Productive Efficiency," Review of Industrial Organization, 16(3), May 2000: 251-266.
- Granderson, Gerald, and Carl Linvill. "Parametric and Nonparametric Approaches to Benchmarking the Regulated Firm," Journal of Productivity Analysis, 12(3), November 1999: 211-232.
- Granderson, Gerald. "The Impact of Regulation on Technical Change," Southern Economic Journal, 65(4), April 1999: 807-822.
- Granderson, Gerald, and Carl Linvill. "Nonparametric Measurement of Efficiency and Productivity Growth in the Presence of Regulation," European Journal of Operational Research, 110(3), November 1998: 643-657.
- Granderson, Gerald, and C.A. Knox Lovell. "The Impact of Regulation on Input Substitution and Operating Cost," Southern Economic Journal, 65(1), July 1998: 83-97.

Granderson, Gerald. "Parametric Analysis of Cost Inefficiency and the Decomposition of Productivity Growth for Regulated Firms," Applied Economics, 29(3), March 1997: 339-348.

Granderson, Gerald, and Carl Linvill. "The Impact of Regulation on Productivity Growth: An Application to the Transmission Sector of the Interstate Natural Gas Industry," Journal of Regulatory Economics, 10(3), November 1996: 291-306

#### PAPERS IN PROGRESS (journal title is underlined):

Granderson, Gerald, and Helen Tauchen. "Organization Membership, Productivity Growth, and Technical Change for Non-Profit Hospitals."

#### CONFERENCE PRESENTATIONS (by year of conference):<sup>1</sup>

2015: "Impact of the 1990 Clean Air Act, and ISO Membership, on Production Cost and Efficiency in the Electric Utility Industry," co-authored with Finn Forsund, presented at the 2015 European Workshop on Efficiency and Productivity Analysis in Helsinki, Finland

2014: "The Impact of Phase 1 Compliance with the 1990 Clean Air Act on Total Factor Productivity Growth in the Electric Utility Industry," co-authored with Finn Forsund, presented at the 2014 Asia Pacific Productivity Conference in Brisbane, Australia, and at the Eighth North American Productivity Workshop in Ottawa, Canada.

2013: "The Effects of Compliance with the Clean Air Act on Production Cost, and Total Factor Productivity Growth in the Electric Utility Industry," co-authored with Finn Forsund, and "The Impact of Certificate of Need Regulation on Total Factor Productivity Growth," presented by co-author Gary Ferrier, all at the Thirteenth European Workshop on Efficiency and Productivity Analysis in Helsinki, Finland.

2012: "The Impacts of the Clean Air Act, Regulation, and Fuel Adjustment Clauses on Production Cost, and Substitution between Inputs in the Electric Utility Industry," co-authored with Finn Forsund, "The Impact of Certificate of Need Regulation on Total Factor Productivity Growth," co-authored with Gary Ferrier, and The Impacts of Hospital system Membership, System Size, and Repealing Certificate of Need Regulation, on the Efficiency and Capacity Utilization of Non-Profit Hospitals," presented by co-author Diego Prior, all at the 2012 Asia Pacific Productivity Conference in Bangkok, Thailand.

"The Impacts of the Clean Air Act, Regulation, and Fuel Adjustment Clauses on Production Cost, and Substitution between Inputs in the Electric Utility Industry," co-authored with Finn Forsund, "The Impact of Certificate of Need Regulation on Total Factor Productivity Growth," co-presented

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<sup>1</sup> Unless otherwise indicated the papers were presented by me.

with Gary Ferrier, and The Impacts of Hospital system Membership, System Size, and Repealing Certificate of Need Regulation, on the Efficiency and Capacity Utilization of Non-Profit Hospitals," presented by co-author Diego Prior, all at the Seventh North American Productivity Workshop in Houston, Texas.

2011: "Rate Regulation and the Le Chatelier Principle, co-authored with Finn Forsund." Presented at the Twelfth European Workshop on Efficiency and Productivity Analysis in Verona, Italy, June 2011.

"Electric Utilities, Environmental Externalities and Cost Measured Productivity Growth, co-authored with Diego Prior." Presented at the Twelfth European Workshop on Efficiency and Productivity Analysis in Verona, Italy, June 2011. (presented by co-author).

2010: "Rate Regulation and the Le Chatelier Principle, co-authored with Finn Forsund." Presented at the Asia Pacific Productivity Conference in Taipei, Taiwan, July 2010, and presented at the Sixth North American Productivity Workshop in Houston, Texas, June 2010.

"CON Regulation, Hospital Contracts, Hospital System Membership, System Member Status, and Productive Efficiency of Non-Profit Hospitals, co-authored with Diego Prior." Presented at the Asia Pacific Productivity Conference in Taipei, Taiwan, July 2010, and presented at the Sixth North American Productivity Workshop in Houston, Texas, June 2010.

2009: "The Impacts of Fuel Adjustment Clauses, Emissions Reduction, and Regulation, on Input Substitution and Production Cost." Presented at the Eleventh European Workshop on Efficiency and Productivity Analysis in Pisa, Italy, June 2009.

"The Impacts of Hospital System Membership, System Size, and Repealing Certificate of Need Regulation, on the Cost, Allocative, and Technical Efficiency of Non-Profit Hospitals, co-authored with Diego Prior." Presented at the Eleventh European Workshop on Efficiency and Productivity Analysis in Pisa, Italy, June 2009.

2008: "Electric Utilities, Environmental Externalities and Cost Measured Productivity Growth, co-authored with Diego Prior. Presented at the Fifth North American Productivity Workshop in New York, June 2008. (presented by co-author).

2007: "Membership in Hospital Organizations, Productivity Growth, and Technical Change for Non-Profit Hospitals, co-authored with Helen Tauchen." Presented at the Tenth European Workshop on Efficiency and Productivity Analysis in Lille, France, June 2007.

"Electric Utilities, Environmental Externalities and Cost Measured Productivity Growth, co-authored with Diego Prior." Presented at the Eleventh European Workshop on Efficiency and Productivity Analysis in Lille, France, June 2007 (jointly presented).

2006: "Organizational Structure and Productive Efficiency of Non-profit Hospitals," co-authored with Ila Semenick Alam. Presented at the Southern Economic Association Meetings in Charleston, South Carolina, November 2006, and presented at the Fourth North American Productivity Workshop in New York, June 2006.

- "Regulated Productivity Growth and Allocative Efficiency in the U.S. Electric Utility Industry, co-authored with Diego Prior. Presented at the Fourth North American Productivity Workshop in New York, June 2006
- 2005: "Organizational Structure and Productive Efficiency of Non-profit Hospitals," co-authored with Ila Semenick Alam. Presented at the Department of Economics Seminar at the University of Florida in Gainesville, Florida, October 2005.
- "Environmental Externalities and Regulation Constrained Cost Productivity Growth in the U.S. Electric Utility Industry," co-authored with Diego Prior. Presented at the Ninth European Workshop on Efficiency and Productivity Analysis in Brussels, Belgium, June 2005 (jointly presented).
- "Organizational Structure and Productive Efficiency of Non-profit Hospitals," co-authored with Ila Semenick Alam. Presented at the Department of Economics Research Group Seminar at the University of Arkansas in Fayetteville, Arkansas, April 2005.
- 2004: "NERC, Open-Access Transportation, and Productivity Growth in the U.S. Electric Utility Industry," co-authored with Diego Prior. Presented at the North American Productivity Workshop, Toronto, Canada, June 2004.
- 2003: "Open Access Transportation, NERC, and Efficiency in Electric Utility Generation." Presented at the Fifty-Fifth International Atlantic Economic Conference in Quebec, Canada, October 2003, and the presented at the Eighth European Workshop on Efficiency and Productivity in Oviedo, Spain, September 2003.
- 2002: "Ownership, Location, Case Mix, and Productivity in Midwestern U.S. Hospitals," co-authored with Ila Semenick Alam. Presented at the Fifty-Fourth International Atlantic Economic Conference, Washington, DC, October 2002, and presented at the North American Productivity Workshop II, Schenectady, New York, June 2002.
- 2001: "The Impact of Ownership, Location, and Case Mix, on U.S. Hospital Productivity," co-authored with Ila Semenick Alam. Paper presented at the Fifty-Second International Atlantic Economic Conference in Philadelphia, Pennsylvania, October 2001, and presented at the Seventh European Workshop on Efficiency and Productivity Analysis in Oviedo, Spain, September 2001.
- 2000: "Regulation, Efficiency, and Granger Causality," co-authored with Carl Linvill. Paper presented at the Fiftieth International Atlantic Economic Conference, Charleston, South Carolina, October 2000, and presented at the North American Productivity Workshop at Union College, Schenectady, New York, June 2000.
- 1999: "Hospital Ownership, Case Mix Heterogeneity, and Productive Efficiency," co-authored with Robert Adams and Ila Semenick Alam. Presented at the International Atlantic Economic Conference in Montreal, Canada: October 1999, and presented at the Sixth European Workshop on Efficiency and Productivity Analysis, Copenhagen, Denmark, October 1999.
- 1998: "Regulation, Open-Access Transportation, and Productive Efficiency." Presented at the Southern Economic Association Meetings in Baltimore, Maryland, November 1998, and presented at the

International Atlantic Economic Society in Boston, Massachusetts, October 1998.

"Parametric and Nonparametric Approaches to Benchmarking the Regulated Firm," co-authored with Carl Linvill. Presented at the Institute for Operations Research and Management Sciences Meetings in Montreal, Canada, April 1998.

1997: "Parametric and Nonparametric Approaches to Benchmarking the Regulated Firm," co-authored with Carl Linvill. Presented at the Southern Economic Association Meetings in Atlanta, Georgia, November 1997, and presented at the Fifth European Workshop on Efficiency and Productivity Analysis, Copenhagen, Denmark, October 1997.

1996: "Duality Theory and the Estimation of Cost Functions for Regulated Firms: An Application to the Interstate Natural Gas Pipeline Industry," co-authored with Helen Tauchen. Presented at the Southern Economic Association Meetings in Washington, DC, November 1996.

"Nonparametric Measurement of Efficiency and Productivity Growth in the Presence of Regulation," co-authored with Carl Linvill. Presented at the Georgia Productivity Workshop in Athens, Georgia, November 1996, and paper presented at the Department of Economics Theory Workshop at Purdue University, West Lafayette, Indiana, October 1996.

"The Impact of Regulation on Input Substitutability," co-authored with C. A. Knox Lovell. Presented at the Department of Economics Research Group Seminar at the University of Arkansas in Fayetteville, Arkansas, April 1996.

1995: "Nonparametric Measurement of Efficiency and Productivity Growth in the Presence of Regulation," co-authored with Carl Linvill. Presented at the Southern Economic Association Meetings in New Orleans, Louisiana, November 1995.

"Duality Theory and the Estimation of Cost Functions for Regulated Firms: An Application to the Interstate Natural Gas Pipeline Industry," co-authored with Helen Tauchen. Presented at the American Economic Association Meetings in Washington, DC, January 1995.

1994: "The Contribution of Rate of Return Regulation to Total Factor Productivity Growth in the Natural Gas Pipeline Transmission Industry," co-authored with Carl Linvill. Presented at the Georgia Productivity Workshop in Athens, Georgia, October 1994 (jointly presented).

1991: "The Effects of Rate of Return Regulation on the Transmission Sector of the U.S. Interstate Natural Gas Industry." Presented at the Atlantic Economic Society Meetings in Washington DC, October 1991.

#### REVIEWS:

Refereed papers submitted for publication to: Applied Economics, Regional Science and Urban Economics, Journal of Productivity Analysis, Journal of Business and Economics Statistics, American Economic Review, Energy Journal, International Journal of Industrial Organization, Omega, European Journal of Operational Research, Journal of Econometrics, International

Transactions in Operational Research, Managerial and Decision Economics, and the Annals of Operations Research on Data Envelopment Analysis.

Reviewed outline of chapters for textbook, "The Theory and Practice of Industrial Organization" for South-West Publishing Company. Reviewed the book, "Cost Structure and the Measurement of Economic Performance: Productivity, Utilization, Cost Economics, and Related Performance Measures" for the Southern Economic Journal.

Reviewed and wrote a report on the dissertation of Mr. Douglas Nanka, a doctoral student in the Department of Economics at the Universitat Autònoma de Barcelona. In applying for a European qualification of his PH.D, the candidate needed reports to evaluate whether the content of the dissertation has academic value.

Reviewed NSF Grant Proposals.

#### CONFERENCE PARTICIPATION (by year of conference):

- 2006: Southern Economic Association Meetings in Charleston, South Carolina in November 2006: Discussant for the session "Issues in Health Economics."
- 2000: Southern Economic Association Meetings in Washington, DC in November 2000: (1) Chair for the session "Empirical Studies in Industrial Organization," and (2) Discussant for the session "Strategic Behavior in Markets."
- 1999: Southern Economic Association Meetings in New Orleans, Louisiana in November 1999: (1) Chair and Discussant for the session "Theoretical Industrial Organization," and (2) Discussant for the session "Industry Studies and Growth Strategies."
- 1997: November 1997 Southern Economic Association Meetings in Atlanta, Georgia: Discussant for the paper "Nonparametric Tests of Household Behavior."
- 1996: November 1996 Southern Economic Meetings in Washington, DC:
- Organized the following sessions: (i) Measuring Efficiency in Financial Intermediation, (ii) Measuring Efficiency and Productivity in Manufacturing Industries, and (iii) Studies in Efficiency and Productivity.
  - Discussant for the following papers: (i) "Measuring the Flexibility of Technologies: An Application of a Generalized Dynamic Duality to the Canadian Manufacturing Sectors," and (ii) "Technical Efficiency in Peruvian Manufacturing Industries."
- 1994: November 1994 Southern Economic Association Meetings in Lake Buena Vista, Florida:
- Chair of session "Econometrics II."
  - Discussant for the following papers: (i) "Lag Selection when Trend is Misspecified," and (i) "Macroeconomic Implications from Estimating a Structural Demand-for- Money Specification with Data Contaminated by Seasonal Noise."

#### GRANTS:

Richard T. Farmer Summer Research Grant for the project "Hospital Ownership, Case Mix Heterogeneity, and Productivity Growth" in the Summer of 2001.

## MIAMI UNIVERSITY SERVICE ACTIVITIES:

### UNIVERSITY

University Appeals Board	2007 – Present, Chair 2009, 2011
Member of Faculty Welfare Committee	2008 – Present
Member of Benefits Committee	2009 – Present
Member of Council on Diversity and Inclusion	2012 - Present
Awards and Recognition Committee	2003 – 2006, 2010 – 2012, 2014 - Present
Student Affairs Committee	1998 – 2000
Participant in Commencement Ceremonies:	1994 – Present
Greek Advisory Council:	1998 – 2001
Commencement Planning Committee:	1998 – 2002
Academic Advisor for Sigma Alpha Epsilon Fraternity:	1996 – 2007

### DIVISION

Portfolio Review Committee	2011 - 2014
Diversity Committee	2003 – 2008, Chair 2012 – 2014
Multicultural Enrollment Task Force	2003 – 2005
School of Business Writing Committee:	1999 – 2000
MBA Development Committee:	1999 – 2000
Alternate on Business School Academic Appeals Committee:	1994 – 1995

### DEPARTMENT

Research Committee	2008 - 2012
Recruiting Committee	1999 – 2005, 2007 – 2008
Seminar Committee	2000 – 2002
Graduate Studies Committee	1996 – 2003
Advisor for Economics Club	1993 – 2002



**Exit Paper Committee Member for Master's of Economics Students (by year was paper completed)**

- 2015: Tam Hong Thanh Pham (Co-Supervisor): "The Effect of Minimum Wage on U.S. Labor Productivity 1997-212: The Higher, The Better?" Neel Shivdasani (Reader): Paper entitled "The Impact of Smoking Legislation on Smoked and Smokeless Tobacco Use.
- 2012: Jake Wishart (Reader): New Evidence On The Relationship Between Public And Private Consumption In The US: A State Level Examination.
- 2009: Reader on exit papers of Whitney Benson (Departure Time Differentiation: Is There Evidence of Flight Scheduling Agglomeration or Dispersion in India's Domestic Aviation Market), Bradley Epstein (Dot Commerce: Measuring the Determinants of Internet Domain Name Auction Prices), and Lewis Warren (The Effects of Recessions on the Retirement Behavior of Older Male Workers: 1990-2008).
- 2008: Nadzmin Ahmid-Nazir (Supervisor): "Factors Influencing the Probability of Product and Process Innovations in Malaysian Manufacturing Firms." Andrew Dustan (Reader): Paper entitled "Divorce and Wealth: A Longitudinal Analysis), Douglas Pelsey (Reader): Paper entitled "An Empirical Study on the Effect of Eco-Labels on Firm Financial Performance), John Krebs (Reader).
- 2007: Scott Wentland (Supervisor): Paper entitled "Racial Composition and Customer Discrimination: Utilizing the Market for Baseball Cards to Examine a Beckerian Inquiry." Paul Spiller (Reader): Paper entitled "Why Pay Differs: An Empirical Study of Interest Arbitration, Unionization, and Police Compensation").
- 2006: Jennifer Naberhaus (Reader): Paper entitled "Economic Incentives and the Choice to Participate in the Social Security Disability Insurance Program".
- 2005: Manuel Buitrago (Co-supervisor): Paper entitled "The Effects of Ethnic Differences on the Earnings of Hispanic Men". Noah Stefanec (Reader): Paper entitled "The Importance of Schooling, Cognition, and Incentive-Enhancing Preferences in Earnings Determination and Labor Market Sorting".
- 2004: Brendan Browne (Reader): Paper entitled "Has there been a Structural Shift in the Connection between Macroeconomic Variables and Poverty Rates"? Seth Ruhter (Reader): Paper entitled "Portfolio Choice and Wage Risk: Some Empirical From Pension Fund Data."
- 2003: Robert Markham (Reader): Paper entitled "Monopoly Power and Real Estate Markets."
- 2002: Karyn Crassweller (Reader): Paper entitled Paper entitled "Spacial Cournot Competition: Agglomeration versus Dispersion with Complements and Substitutes". Schuyler Porche (Reader): Paper entitled "The Effects of Regional Trade Agreements on Economic Growth".
- 2001: Ranjan Shrestha (Reader): Paper entitled "Landlockedness and Economic Growth Across the U.S. States." Todd Walker (Reader): Paper entitled "The Effects of the Local labor Market on the High School Dropout Decision."

- 2000: Radek Szulga (Reader): Paper entitled "Factor Flows and Trade; Substitutes or Complements in North America."
- 1998: Allen Burns (Reader): Paper Entitled "National Park Tourism: A Study of Yellowstone and Yosemite." Nigar Hashimzade (Reader): Paper entitled "Political Instability, Human Capital and Growth."
- 1997: Masahiro Kawai (Reader): Paper entitled "Removing Regulation Q."

**Focus Paper Committee Member for MBA students (by year paper was completed)**

- 1997: Ke Cai (Reader): Paper entitled "Time Study for Star Bank Corporation." Jeaneene Maxie (Reader): Paper entitled "New Employee Orientation Process." Study for the Goodyear Tire and Rubber Company. Brian Rebello (Reader): Paper entitled "Visa and Star Bank 1995 Credit Card Functional Cost Study." Study for the Star Bank Corporation.