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#### Employment

August 2005 - Present. Director, Economic Analysis Program, Bureau of Economic and Business Research. University of Florida.

August 1998 – July 2005. Research Economist, Economic Analysis Program, Bureau of Economic and Business Research. University of Florida.

August 1994 - July 1998. Research Assistant. Department of Economics. University of Florida.

August 1992 - July 1994. Instructor. Department of Economics. University of South Florida.

**Education**

# Ph.D. Economics. University of Florida. December 1998.

M.A. Economics. University of South Florida. August 1992.

B.A. Economics and Political Science. University of South Florida. May 1992.

Current Research Interests

Urban and regional economics and local public policy including: 1) spatial variation in the cost of living and funding adjustments in education and other programs, 2) teacher supply and demand, 3) the fiscal impact of new development and impact fees, 4) determinants of local government spending.

**Teaching**

2009-2010: Teacher of the Year, Warrington College of Business Administration, UF

2006-2010: UF, Managerial Economics, electronic platform, approx. 800 students/term

1997-1998: UF, Managerial Economics.

1992–1994: USF, Principles of Microeconomics, Price Theory, Intermediate Macroeconomics

**Articles in Refereed Journals**

1) “The Ineffectiveness of School Inputs: A Product of Misspecification?” *Economics of Education Review*. February 2000. (With Lawrence Kenny and Thomas Husted).

2) “More is Less? Regulation in a Rent Seeking World.” *Journal of Regulatory Economics*. September 2000.

3) “Economic Analysis and the Design of Alternative Route Teacher Education Programs.” *Journal of Teacher Education*, Vol. 58, No. 5, November/December 2007 422-439. (With Chifeng Dai, Dave Denslow, Mike Rosenberg, and Paul Sindelar)

4) “Inter-city wage differentials and intra-city workplace centralization.” *Regional Science and Urban Economics*. Vol. 39, No. 5, 2009 602-609. (With Gabriel Montes-Rojas)

5) “Cost Effectiveness of Alternative Route Special Education Teacher Preparation.” *Exceptional Children*. Forthcoming. (With Nancy Corbett, Bob Lotfinia, Mike Rosenberg, and Paul Sindelar)

1. Low, declining, polarizing: Florida’s job structure. With Dave Denslow. Forthcoming in *Business and Economics Journal*.
2. Baby boom retirees and Florida’s job structure. With Dave Denslow. Forthcoming in *Business and Economics Journal*.

**Other Publications**

1) “The Political Economy of Privatization.” In *Restructuring State and Local Services.* Arnold H. Raphelson, Editor. 1998. (With Philip K. Porter)

2) “Review of Werner Troeskens’s Why Regulate Utilities? The New Institutional Economics and the Chicago Gas Industry, 1849-1924.” *Public Choice.* 1999.

3) “Living the Good Life in Gainesville.” *The Gainesville Sun - Almanac*. March 25, 2001. Pages 28-33.

1. “Funding Florida’s Education Standards, 2009-10 and 2014-15.” Chapter 6 in *Tough Choices Shaping Florida’s Future*. LeRoy Collins Institute Tallahassee, FL. October 2005. Pages 137-173.

5) “Soaring House Prices and Wages of Local Government Employees.” *Florida Focus* (BEBR) June 2007 Volume 3, No. 3. (With Dave Denslow and Tom Durrenberger)

6) “Economic Implications of Florida’s Proposed Property Tax Amendment.” *Florida Focus*. (BEBR) January 2008. Volume 4, No. 1. (With Dave Denslow, Lynne Holt, and Babak Lotfinia)

**Papers Under Review, Working Papers, Works in Progress**

1. “Variability in Demand for Special Education Teachers.” Submitted April 2012 to *Exceptionality*, under revision. (With Ed Boe, Lorrie deBettencourt, Chris Leko, Mike Rosenberg, and Paul Sindelar)
2. “Benefit-Cost Analysis of a Beverage Container Deposit Refund System.” Submitted May 2012 to *Journal of Benefit-Cost Analysis*, under revision. (With Belen Chavez, Dave Denslow, Lynne Holt, and Henrique Romero)
3. “Passing the Buck or Feeding Leviathan? The Interacting Roles of Assessment Limits and Voter Education in Local Government Spending.” Working Paper. (With Larry Kenny)
4. “Using simple wage indices in school funding adjustments: a test using teacher turnover in Florida and Texas.” (With Shiva Koohi and Belen Chavez)
5. “Teacher Attrition and Alternative Teacher Certification Programs.” (With Natalia Pakhotina)
6. “Funding Disequalization – when price indices are not appropriate for spatial cost adjustments.” (With Dave Denslow)
7. “Why Less Can Be More with Spatial Price Indices.” (With Henrique Romero)
8. “The Fiscal Impact of New Development on Florida’s Schools.” (With Daniel Weinberg)
9. “Impact Fees and Optimal Growth.” (With Burcin Unel)
10. “Improved Starting Salary Based Rankings of Undergraduate Business Programs for Regional Variation in Amenities and Price Levels.” (With Mike Canencia.)
11. “The Effect of Quality Improvements on Mobile Home Placements.” (With Brianna Sullivan.)

**Funded Policy Research**

1. Florida Price Level Index. Funding Agency: Florida Department of Education and the State of Florida. Years: 1996-Present. Approximate Funding: Over $950,000 from 1996 – Present. With Dave Denslow and others. Including serving as an expert witness for the Florida Legislature in 2004-2005.
2. Trends and Conditions Research. Funding Agency: Florida Department of Transportation. Years: 1999-2003. $145,000.
3. Rail/Truck Freight Allocation Policy Research. Funding Agency: Florida Department of Transportation. Years: 2001-2002. $80,000.
4. Benefit-Cost Analysis of Alternative Routes to Certification in Special Education. Funding Agency: UF Center for Personnel Studies in Special Education. Years: 2003-2005. $180,000.
5. An Independent Assessment of Florida’s Medicaid Transportation Waiver. Funding Agency: Florida Agency for Health Care Administration. Years: 2003. $100,000.
6. Measuring and Evaluating Florida’s Job Structure. Funding Agency: Enterprise Florida. Years: 2005-2006. $50,000.
7. An Analysis of Reforms to Florida’s Property Tax System. Years: 2006-2007. $142,597
8. High Value Added Green Economic Development for Sarasota County. Funding Agency: Sarasota County, U.S. Department of Energy: 2009-2010. $66,312
9. Analysis of a Beverage Container Deposit Refund System. Sponsor: Owens Illinois, Inc. Years: 2010-2011. $31,750

Technical Reports

1. “Report on the Florida Price Level Index.” January 1999. 80 Pages. (With Dave Denslow and John Scoggins.)
2. “Report on the Florida Price Level Index: Impact of Dropping Items.” June 1999. 17 Pages. (With Dave Denslow.)
3. “Report on the Florida Price Level Index: Alternative Methods for Measuring Costs Across Counties.” January 2000 (Revised February 2000). 41 Pages. (With Dave Denslow.)
4. “Florida Price Level Index.” Annual 2000-Present. (With others.)
5. “Report on Trends and Conditions Research: Modeling Demographic and Economic Trends and Their Relation to the Supply and Demand for Transportation.” June 30, 2000 (Revised August 11, 2000). 50 Pages. (With Dave Denslow.)
6. “Growth and Infrastructure in Alachua County: Does Conventional Development Pay its Share of Public Costs?” August 2, 2001. 37 Pages. (With Dave Denslow. Prepared for the Gainesville Builders Association.)
7. “Report on Trends and Conditions Research: The Impact Of The Internet On Transportation In Florida – Current Economic Perspective And Possibilities For Further Research.” March 30, 2002. 18 Pages. (With Dave Denslow and Kevin Christensen.)
8. “The Response of Railroad and Truck Freight Shipments to Optimal Excess Capacity Subsidies and Externality Taxes. An Empirical Study of Florida’s Surface Freight Transportation Market.” September 30, 2002. 45 Pages. (With Dave Denslow and David Lenze)”
9. “Report on Trends and Conditions Research: The Magnitude of Population Adjustment to Transportation Investments and its Implications for Transportation Planning in Florida.” February 10, 2003. 51 Pages. (With Dave Denslow and others.)
10. “Growth and Infrastructure in Manatee County, Florida: Does Conventional Development Pay its Share of Public Costs?” October 13, 2003. 40 Pages. (Prepared for the Home Builders Association of Manatee County and the Gulf Coast Builders Exchange.)
11. “Independent Assessment: Florida’s Non-Emergency Medicaid Transportation Services.” November 2003. 68 Pages. (With Chifeng Dai, and Babak Lotfinia)
12. “Review of Tischler & Associates, Inc.’s ‘School Impact Fees. Manatee County, Florida.’” February 16 2004. (Prepared for the Home Builders Association of Manatee County and the Gulf Coast Builders Exchange.)
13. “Research on the Florida Education Finance Program: the Florida Price Level Index, the Sparsity Supplement, and Discretionary Millage.” March 2004. 134 Pages. (With Dave Denslow and Babak Lotfinia)
14. “Improvements to the 2003 Florida Price Level Index: Background, Theory, Tests Based on the Current Population Survey, the Relationship between Excess Teacher Turnover in Florida’s Schools and the Market Basket Approach, and Robustness Checks.” May 2005.
15. “Measuring the Quality of Florida’s Job Structure.” Enterprise Florida. May 9, 2006. 134 pages. With Dave Denslow and Bob Lotfinia.)”
16. “The Quality of Florida’s Job Structure.” Enterprise Florida. April 17, 2006. 17 Pages. (With Dave Denslow and Bob Lotfinia.)
17. “Analytical Services Related to Property Taxation: Part 2 Revenue Component.” August 17, 2007. 264 Pages. (With Dave Denslow, Gabriel Rojas, Babak Lotfinia, and, Lynne Holt.)
18. “High Value Added Green Economic Development for Sarasota County.” February 11, 2010. 161 pages. (With Dave Denslow, Lynne Holt, Ted Kury, Belen Chavez, Henrique Romero, and Katie Thomason.)
19. “Analysis of a Florida Beverage Container Deposit Refund System.” March 15, 2011. 20 pages. (With Dave Denslow, Lynne Holt, Belen Chavez, and Henrique Romero.)
20. “Indicators of Florida’s Economic Competitiveness.” May 21, 2011. 66 pages with appendices. (With Dave Denslow, Eve Irwin, and Susan Floyd.)
21. “The Tipping Point: Trends Shaping Florida’s Job Structure.” November 2011. 42 pages. (With Dave Denslow.)

**Presentations**

1. “The Economic Theory of Regulation: Normative and Positive Aspects”. Presentation Given at: Annual Meeting of the Public Choice Society, March 1997.
2. “The Politics of Regulation: More is Less?” Presentation Given at: Southeastern Economic Theory and International Economics Conference, November 1997.
3. “Determining the Rules of the Game: Regulatory Regime Adoption in the U.S. Telecommunications Industry”. Presentation Given at: Annual Meeting of the Public Choice Society, March 1998.
4. Florida Education Funding Outlook.” Presentation Given at: Annual Meeting of the Florida School Finance Officer Association, November 2000.
5. “The DCD and Other Components of the FEFP” Presented to the Florida Task Force for School Finance Reform, August 2001.
6. “Growth and the Cost of Living in Marion County and Florida.” Presentation to the Marion County Public Policy Institute, April 2003.
7. “Optimal Investments in Special Education Teacher Preparation.” Delivered at the Annual Meeting of the Teacher Education Division of the Council of Exceptional Children. Biloxi Mississippi. November 14, 2004.
8. “Research on the FEFP: the FPLI, Sparsity, and Discretionary Millage.” Presentation to the Florida Senate and House Education Appropriations Subcommittees. February 10, 2004.
9. “Summary of Research and Recommendation on the FPLI in the DCD.” Presentation to the Florida House of Representatives, meeting as a Committee of the Whole. April 22, 2004.
10. “Evaluating Alternative Routes to Certification”. National Center for Alternative Certification Conference, February 2005, Orlando, Florida.
11. “Inter-city compensating wage differentials and intra-city workplace centralization.” Presented at the 47th Annual Meeting of the Southern Regional Science Association, March 2008, Washington, D.C.
12. “Local Government Reactions to Surges in Property Values.” Presented at the 78th Annual Meeting of the Southern Economics Association, November 2008, Washington, D.C.
13. “Are Alternative Route Programs Cost Effective?” Georgia State University, Research Wednesday Speaker Series. December 2009. Atlanta, Georgia.
14. “Declining Demand for Special Education Teachers: Its Origins and Implications.” Symposium sponsored by UFs School of Special Education, School Psychology, and Early Childhood Studies. February 2012.
15. Low, declining, polarizing: Florida’s job structure. Florida Regional Economic Symposium. April 2012.
16. Baby boom retirees and Florida’s job structure. Florida Regional Economic Symposium. April 2012.

**Consulting**

1) “Growth and Growth and Infrastructure in Alachua County: Does Conventional Development Pay Its Share of Public Costs?” Study conducted for the Gainesville Builder’s Association. 2001.

2) Review of Addy, Ijaz, and Zumpano’s Shelby County Impact Fee Study. Conducted for the Greater Birmingham Association of Homebuilders. 2003.

3) “Growth and Growth and Infrastructure in Manatee County Florida: Does Conventional Development Pay Its Share of Public Costs?” Study conducted for the Home Builders’ Association of Manatee County and the Gulf Coast Builders Exchange. 2003.

4) Analysis of wages of direct care workers for the Florida Attorney General’s office for: Florida Association of Rehabilitation Facilities, Inc. Et Al. v. Agency for Health Care Administration. 2005

5) Expert for the Florida Senate, case number 04-1647, The School Board of Miami Dade County et al. v. James E. King Jr. et al. 2005

6) Technical review of “Economic Analysis of Proposed Critical Habitat Designation for the Florida Beach Mice and Alabama Beach Mice”. For Industrial Economics Incorporated and the U.S. Fish and Wildlife Service. 2006.

7) Analysis of construction related price increases for Progress Energy Florida, pertaining to S&B Engineers and Constructors Ltd. v. Progress Energy Florida. 2007.

8) Analysis regarding the impact of munitions discovered at the Pinecastle Jeep Range on surrounding property values, pertaining to *Robert Bernardo, et al v. Morrison Homes, Inc., et al*., 2010-2011.

#### Reviewer For

*The Journal of Law, Economics, and Organization, Journal of Regulatory Economics, Journal of Economics and Management Strategy, Southern Economic Journal, Bulletin of Economic Research*

#### Service

1) Participation in committees related to Florida’s Social Science Teacher Certification Exam (Grades 6-12), including competency and skill revision, item specification validation, and test validation.

2) ACCRA Cost of Living Index Advisory Board, Council for Community and Economic Research

3) Mentor, University Scholars Program: Henrique Romero (2008-2009), Tolulope Bukola (2009-2010), German Velasco (2009-2010), Michael Canencia (2010-2011), Brianna Sullivan (2010-2011).

Professional Associations

Southern Regional Science Association, American Economic Association, American Real Estate and Urban Economics Association, Southern Economic Association