

DAVID O. SCROGIN
Department of Economics
College of Business Administration
University of Central Florida
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EDUCATION

University of New Mexico
Ph.D. Economics, 1999

Southern Methodist University
M.A. Economics, 1995

Kansas State University
B.S. Economics, 1992

RESEARCH AREAS

Applied Microeconomics
Environmental and Resource Economics

EMPLOYMENT HISTORY

Associate Professor, Department of Economics, University of Central Florida, 2006-Present

Assistant Professor, Department of Economics, University of Central Florida, 2000-2006

Post-Doctoral Research Associate, Department of Resource Economics and Policy, University of
Maine, 1999-2000. Supervisor: Prof. Kevin J. Boyle

Instructor, Department of Economics, University of New Mexico, August 1996-December 1998
Courses taught: Principles of Macroeconomics, Principles of Microeconomics,
Intermediate Microeconomics, Econometrics

Graduate Teaching Assistant, University of New Mexico, Fall 1995-Fall 1996, Fall 1997-
Spring 1998, Spring 1999

Graduate Research Assistant, University of New Mexico, Spring 1997

Research Assistant, Alfred Parker and Associates (oil and natural gas royalty litigation)
Summer 1996, March-December 1997, August-December 1998

Adjunct Faculty, Eastfield College, Dallas, TX, Fall 1994-Spring 1995
Courses taught: Principles of Macroeconomics, Principles of Microeconomics

Graduate Teaching Assistant, Southern Methodist University, Fall 1993-Spring 1995

Intern, Merrill-Lynch, Dallas Galleria, Summer 1994

Research Assistant, Boston Chicken Texas (commercial real estate site selection), Summer 1993

Research Assistant, MacKenzie S. Bottom and Associates (commercial real estate appraisal),
February 1993-June 1993

Economics Tutor, Kansas State University, Summer 1992-Fall 1992

COURSES TAUGHT AT UCF

Undergraduate

Principles of Microeconomics

Quantitative Business Tools II

Intermediate Microeconomics

Econometrics I

Introduction to Business Analytics

Introduction to Business Analytics for FinTech

Environmental Economics

Managerial Economics

Public Economics

Graduate

Applied Business Research Tools

Economic Analysis of the Firm

Economic Concepts with Mathematical Applications

Introduction to Business Analytics

Software Tools for Business Analytics

PUBLICATIONS

“Estimating Risk and Time Preferences Over Public Lotteries: Findings from the Field and Stream”
Journal of Risk and Uncertainty, 2023, 67(1):73-106.

“Risk Preferences Over Simple and Compound Public Lotteries” *Economics Letters*, 2018, 170:85-87.

“Effects of Payment Timing and Prior Outcomes on the Composition of Choices Over Public Lotteries” *Theoretical Economics Letters*, 2017, 7:747-756.

“Optimal (Under-) Pricing and Allocation of Publicly Provided Goods” *Theoretical Economics Letters*, 2017, 7: 683-695.

“Optimal Pricing of Public Lotteries and Comparison of Competing Mechanisms” Chen Ling and David Scrogin, *Applied Economics*, 2014, 46(26):3211-3223.

“The Spatial Extent of Water Quality Benefits in Urban Housing Markets” Patrick Walsh, Wally Milon, and David Scrogin, *Land Economics*, 2011, 87(4):628-644.

“The Property-Price Effects of Abating Nutrient Pollutants in Urban Housing Markets,” Patrick Walsh, Wally Milon, and David Scrogin, in *Economic Incentives for Stormwater Control*, Hale W. Thurston ed., 2011, CRC Publishers, pp. 127-145.

“An Efficiency Approach to Choice Set Formation: Theory and Application to Recreational Destination Choice” David Scrogin, Richard Hofler, Kevin Boyle and Wally Milon, *Applied Economics*, 2010, 42(3):333-350.

“Under-Pricing in Public Lotteries: A Critique of All-Pay and User-Pay Tariffs,” David Scrogin, *Economic Inquiry*, 2009, 47(3):500-511.

“Latent Preferences and Valuation of Wetland Ecosystem Restoration,” Wally Milon and David Scrogin, *Ecological Economics*, 2006, 56(2):162-175.

“Lottery-Rationed Public Access under Alternative Tariff Arrangements: Changes in Quality, Quantity, and Expected Utility,” David Scrogin, *Journal of Environmental Economics and Management*, 2005, 50(1):189-211.

“Effects of Regulations on Expected Catch, Expected Harvest, and Site Choice of Recreational Anglers,” David Scrogin, Kevin Boyle, George Parsons, and Andrew Plantinga, *American Journal of Agricultural Economics*, 2004, 86(4):963-974.

“Rationed Access and Welfare: Case of Public Resource Lotteries,” David Scrogin and Robert Berrens, *Land Economics*, 2003, 79(2):137-148.

“Heterogeneous Preferences and Complex Environmental Goods,” Walter Milon and David Scrogin, in *Recent Advances in Environmental Economics*, John List and Aart de Zeeuw eds, 2002, Springer-Verlag.

“Policy Changes and the Demand for Lottery-Rationed Big-Game Hunting Licenses,” David Scrogin, Robert P. Berrens, and Alok K. Bohara, 2000, *Journal of Agricultural and Resource Economics* 25(2):501-519.

“Reflections Upon Twenty-Five Years of the *Journal of Environmental Economics and Management*,” David Brookshire and David Scrogin, 2000, *Journal of Environmental Economics and Management* 39(3):249-263.

“Effects of Permit Quotas on Lottery Distributed Hunting Privileges: Case of Elk Hunting in New Mexico,” David Scrogin and Robert P. Berrens, 2000, *Southwestern Journal of Economics* 3(1):155-175.

“Labor Force Participation and Household Work of Urban School Children in Mexico: Characteristics and Consequences,” Melissa Binder and David Scrogin, 1999, *Economic Development and Cultural Change* 48(1):123-154.

“Determinants of Participation for Lottery Distributed Hunting Privileges: Resident versus Nonresident Elk Hunters in New Mexico,” David Scrogin and Robert P. Berrens, 1999, *Human Dimensions of Wildlife* 4(1):36-49.

“Research Trends and Opportunities in Environmental and Natural Resource Economics,” Robert T. Deacon, David S. Brookshire, Anthony C. Fisher, Allen V. Kneese, Charles D. Kolstad, David Scrogin, V. Kerry Smith, Michael Ward, and James Wilen, 1998, *Environmental and Resource Economics* 11(3-4): 383-397.

REPORTS AND OTHER PUBLICATIONS

“A Consistent Framework for Valuation of Wetland Ecosystem Services Using Discrete Choice Methods, J.W. Milon, D. Scrogin, and J. Weishampel, report to National Center for Environmental Economics, US Environmental Protection Agency, RD-83159801-0, 2009.

“An Economic Analysis of the Effects of Land Conservation, Parks and Open Space on Residential Property Values in Orange County, Florida,” J. Walter Milon, David Scrogin, Valerie Seidel, Mark Schneider, and Patrick Walsh, 2006, Department of Economics, University of Central Florida.

“Queues, Lotteries and Auctions for Rationing Recreational Access: A Briefing Statement,” Gillian Bowser and David Scrogin, 2002, Office of the Director, National Park Service.

“Maine Open Water Fishing Survey: Summer 1999,” Robert Paterson, David Scrogin, Kevin Boyle, and Dennis McNeish, 2001, Maine Agricultural and Forest Experiment Station Paper No. 493, University of Maine.

“Maine Ice Fishing Survey: Winter 1998-1999,” David O. Scrogin, Kevin J. Boyle, and Dennis McNeish, 2000, Maine Agricultural and Forest Experiment Station Paper No. 486, University of Maine.

“Environmental Regulations and Consumers: Case of Recreationists” David Scrogin, Kevin Boyle, George Parsons, and Andrew Plantinga. Abstract: *Agricultural and Resource Economics Review*, Fall 2001.

WORK IN PROGRESS

Effects of Residential Self-Taxing Districts on Urban Surface Water Quality, with Andrew Hutchens

Beta Mixture Panel Models of Under-Reported Count Data

FUNDED RESEARCH

“A Consistent Framework for Valuation of Wetland Ecosystem Services Using Discrete Choice Methods,” J. Walter Milon, David Scrogin, and John F. Weishampel. Funding agency: U.S. Environmental Protection Agency (STAR Grant). 2004-2009. Funding: \$313,797.

“1999 Ice Fishing and Open Water Fishing Surveys of Angler Effort and Preferences,” Kevin Boyle, David Scrogin, and Dennis McNeish. Funding agencies: Maine Department of Inland Fisheries and Wildlife and University of Maine. 1999-2000. Funding: \$142,180.

AWARDS AND HONORS

University Teaching Award (TIP), University of Central Florida, 2007, 2014

CBA Summer Research Award, University of Central Florida, 2005, 2007, 2010

J. Raymond Stewart Research Award, Department of Economics, University of New Mexico, 1998

Research Fellowship, Institute for Public Policy, University of New Mexico, 1997

Ph.D. DISSERTATION COMMITTEES

Patrick Walsh, 2009

Chen Ling, 2011

Santikorn Pamornpathomkul, 2011

M.A. THESIS COMMITTEES

Jesse Abelson, 2005

Patrick Walsh, 2007

Amanda Silvestri, 2008

Chen Ling, 2009

HONORS UNDERGRADUATE THESIS COMMITTEES

Julian Sanchez (Marketing), 2007

Shea Cooney (Economics), 2010

Leonard DeStefano (Real Estate), 2010

James Stevenson (Economics), 2010

Kaitlyn Neill (Economics), 2011

John D’Angelo (Finance), 2012

Radoslav Iliev (Economics), 2012

John Romano (Finance), 2012

Samuel Bookhardt (Economics), 2013

Matthew Robin (Economics), 2013

Jacob Davis (Economics), 2014

Andre Mira (Economics), 2015

Andrew Papa (Legal Studies), 2015

Amy Hillman (Economics), 2015

Andrew Hutchens (Economics), 2019

Jordan Izenwasser (Economics), 2019

Moutasm Badawa (Economics), 2020

James Bailey (Economics), 2020

Megan Hoang (Economics), 2022

Nefertari Elshiekh (Legal Studies), 2022

Xiaoling Sundberg (Economics), 2022

PRESENTATIONS

“Estimating Risk and Time Preferences Over Public Lotteries: Findings from the Field and Stream,” Workshop in Applied and Theoretical Economics, University of Florida, Fall 2019.

“Optimal Under-Pricing and Sufficient Conditions for the Dominance of Market, Lottery, and Hybrid Allocation Mechanisms,” Department of Economics, University of Central Florida, Spring 2015.

“Optimal Pricing of Public Lotteries and Comparison of Competing Mechanisms,” Department of Economics, University of Central Florida, Fall 2011.

“Under-Pricing in Public Lotteries: A Critique of All-Pay and User-Pay Tariff Arrangements,” American Agricultural Economics Association annual meetings, Providence, RI, July 2005.

“Under-Pricing in Public Lotteries: A Critique of All-Pay and User-Pay Tariff Arrangements,” Department of Economics, University of Central Florida, Spring 2005.

“On the Frontier of Generating Revealed Preference Choice Sets: An Efficient Approach,” American Agricultural Economics Association annual meetings, Denver, CO, August 2004.

“An Efficiency Approach to Choice Set Generation,” Department of Economics, University of Central Florida, Spring 2004.

“Lottery-Rationed Public Access under Alternative Tariff Arrangements,” Department of Economics, Appalachian State University, Boone, NC, October 2002.

“Lottery-Rationed Public Access under Alternative Tariff Arrangements,” Department of Economics, University of Central Florida, September 2002.

“Recreation Demand with Supply Constraints,” Camp Resources X, Wilmington, NC, August 2002.

“Recreation Demand with Supply Constraints,” Environmental and Resource Economics Workshop, University of Colorado at Boulder, July 2002.

“Rationing Public Resources by Lottery: Case of Recreation,” Department of Resource Economics and Policy, University of Maine, Orono, April 2002.

“Rationed Access and Welfare: Case of Public Resource Lotteries,” Southern Economic Association annual meetings, Tampa, FL, November 2001.

“Rationed Access and Welfare: Case of Public Resource Lotteries,” Department of Agricultural and Resource Economics, North Carolina State University/ Research Triangle Institute seminar series, Raleigh, NC, September 2001.

“Regulated Recreationists: Case of Angler Catch, Harvest and Fishery Choice,” Camp Resources IX, Wilmington, NC, August 2001.

“Rationed Access and Welfare: Case of Public Resource Lotteries,” American Agricultural Economics Association annual meetings, Chicago, IL, August 2001.

“Regulated Recreationists: Case of Angler Catch, Harvest and Fishery Choice,” Northern Agricultural and Resource Economics Association annual meetings, Bar Harbor, ME, June 2001.

“Rationed Access and Welfare: Case of Public Resource Lotteries,” Southern Regional Science Association annual meetings, Austin, TX, April 2001.

“Policy Changes and the Demand for Lottery Rationed Big-Game Hunting Licenses,” USDA W-133 annual meetings, Tucson, AZ, February 1999.

“Effects of Permit Quotas on Lottery Distributed Hunting Privileges: Case of New Mexico,” Southwestern Economics Association annual meetings, Corpus Christi, TX, March 1998.

“Simulating the Market for Big-Game in New Mexico: An Experimental Study of the Effects of Permit Supply Quotas on Resident and Nonresident Special Hunts Lottery Participation,” Economic Science Association annual meetings, Tucson, AZ, September 1997.

EDITORIAL SERVICE

Referee: *Journal of Environmental Economics and Management, American Journal of Agricultural Economics, Land Economics, Ecological Economics, Marine Resource Economics, Environmental and Resource Economics, Journal of Environmental Management, Agricultural and Resource Economics Review, Journal of Agricultural and Resource Economics, Canadian Journal of Economics, Water Resources Research, Southwestern Journal of Economics, Social Choice and Welfare, Environmental Management*

DEPARTMENT SERVICE

Undergraduate Advisor 2014-2018
Faculty Search Committee 2000-2001, 2010-2011, Chair 2013-2014, Chair 2021-2022
Promotion and Tenure Committee 2006-Present
Student Assessment Committee 2001-Present
Undergraduate Committee 2006-Present
Graduate Committee 2008-2010
Economics Club Advisor 2007-2010, 2017-2018
Library Representative 2000-2003

COLLEGE SERVICE

Undergraduate Program Review Committee 2014-2018
Masters Program Review Committee 2012-2014
Lecturer/Instructor Promotion Committee 2012, 2016-2018
Teacher Incentive Program (TIP) Selection Committee, 2010-2012 (Chair 2012),
2016-2020 (Chair 2019), 2022
Technology Committee, 2021
Ad Hoc Member Integrated Business Lecturer/Instructor Promotion Committee, 2021

UNIVERSITY SERVICE

University Honors Committee Fall 2020-Present
Graduate Program Review and Awards Committee Fall 2015
Faculty Senate 2008-2010
Undergraduate Program Review Committee 2009-2010
Environmental Management Committee 2001-2002