

# **Trevor C. Collier**

## Curriculum Vitae

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Department of Economics and Finance  
University of Dayton  
300 College Park  
Dayton, OH 45469  
Tel: (937) 229-5302  
Email: collier@udayton.edu

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### **EDUCATION**

Ph.D. Economics, Southern Methodist University, Dallas, TX, May 2006  
M.A. Economics, Southern Methodist University, Dallas, TX, May 2004  
B.S. Economics, Centre College, Danville, KY, May 2002

### **EMPLOYMENT**

Chairperson, Department of Economics and Finance, University of Dayton, 2013 - present  
Associate Professor, Department of Economics and Finance, University of Dayton, 2013 - present  
Assistant Professor, Department of Economics and Finance, University of Dayton, 2007- 2013  
Visiting Assistant Professor, Department of Economics, Southern Methodist University, 2006-07  
Visiting Instructor, Centre College, 2005

### **RESEARCH**

#### **Publications in Peer Reviewed Journals**

“Nonparametric Estimation of Production Functions” with Kelli Marquardt and John Ruggiero, *Data Envelopment Analysis Journal*, 2016, 2: 35-52.

“Are We Getting Better or Are They Getting Worse? Draft Position, Strength of Schedule, and Competitive Balance in the National Football League” with Tony Caporale, *Journal of Labor Research*, 2015, 36 (3): 291-300.

“Multifactor productivity, environmental change, and regulatory impacts in the U.S. West Coast groundfish trawl fishery, 1994-2013” with Aaron Mamula, *Marine Policy*, 2015, 62: 326-336

"To Three or Not to Three: Coaching and Shot Selection in the National Basketball Association" with Tony Caporale, *Journal of Labor Research*, 2015, 36 (1): 1-8.

“Estimation of Multi-Output Production Functions in Commercial Fisheries” with Aaron Mamula and John Ruggiero, *OMEGA*, 2014, 42 (1): 157-165.

“Teacher Qualifications and Student Achievement: A Panel Data Analysis” *Review of Applied Economics*, 2013, 9 (2): 1-20.

"The Impact of Institutional Arrangements on Educational Efficiency" *The Open Economics Journal*, 2012, 5: 1-14.

“Scouts vs Stats: The Impact of Moneyball on the Major League Baseball Draft” with Tony Caporale, *Applied Economics*, 2012, 45(15): 1983-1990.

“Measuring Technical Efficiency in Sports” with Andrew L. Johnson and John Ruggiero, *Journal of Sports Economics*, 2011, 12 (6), 579-598

“Technical Efficiency Estimation with Multiple Inputs and Multiple Outputs Using Regression Analysis” with Andrew L. Johnson and John Ruggiero, *European Journal of Operational Research*, 2011, 208: 2, 153-160.

“Institutional Arrangements in Educational Systems and Student Achievement: A Cross-National Analysis” with Daniel Millimet, *Empirical Economics*, 2009, 37, 329-381.

“Efficiency in Public Schools: Does Competition Matter?” with Daniel Millimet, *Journal of Econometrics*, 2008, 145, 134-157

### **Chapters Published in Edited Books**

“Aggression in Mixed Martial Arts: An Analysis of the Likelihood of Winning a Decision” with Andrew L. Johnson and John Ruggiero, in Jewell, R.T. (ed.) Violence and Aggression in Sporting Contests: Economics, History, and Policy, Springer Publishing, 2011

### **Papers Under Review**

“Does Host Country Education Mitigate Immigrant Inefficiency? Evidence from Earnings of Australian University Graduates” with Dipanwita Sarkar

“Shall the last be first? The reverse order draft and competitive balance in the National Hockey League” with Tony Caporale

### **Working Papers / Papers in Progress**

“Choice inconsistencies in employer provided health insurance” with Dipanwita Sarkar and Marlon Williams

“Competition or Information Sharing? Peer Effects in the Pacific Coast Groundfish Fishery” with Nancy Haskell and Aaron Mamula

“Relegation in the English Premier League: Are all incentives created equal?”

“Identifying Factors Influencing Participation in a Voluntary Capacity Reduction Program: A Study of California’s Experience with the Pacific Groundfish Buyback Program” with Jan Mason and Aaron Mamula

### **CONFERENCE PRESENTATIONS**

“Shall the last be first? The reverse order draft and competitive balance in the National Hockey League” with Tony Caporale, Western Economic Association International Annual Conference, Portland, OR, 2016

"To Three or Not to Three: Coaching and Shot Selection in the National Basketball Association" with Tony Caporale, Southern Economic Association Meetings, New Orleans, LA, 2012

"A Stochastic Frontier Approach to Immigrant Earnings" with Dipanwita Sarkar, Southern Economic Association Meetings, New Orleans, LA, 2012

“Relegation in the English Premier League: Are all incentives created equal?” Eastern Economics Association Meetings, Boston, MA, 2012

“Estimation of Multi-Output Production Functions in Commercial Fisheries: A New Empirical Approach” with Aaron Mamula and John Ruggiero, North American Association of Fisheries Economists, Honolulu, HI, 2011

"Fisheries Regulations and Efficiency: A Panel Data Analysis," with Aaron Mamula, Southern Economics Association Meetings, Atlanta, GA, 2010

"Institutional Arrangements in Educational Systems and Student Achievement: A Cross-National Analysis," with Daniel Millimet, Improving Education: Evidence from secondary analysis of international studies, Stockholm, Sweden, 2009

"Teacher Qualifications and Student Achievement: A Panel Data Analysis," Southern Economics Association Meetings, San Antonio, TX, 2009

"Teacher Qualifications and Student Achievement: A Panel Data Analysis," Eastern Economics Association Meetings, New York, NY, 2009

"Fisheries Regulations and Efficiency: A Panel Data Analysis," with Aaron Mamula, North American Association of Fisheries Economists, Newport, RI, 2009

"Institutional Arrangements in Educational Systems and Student Achievement: A Cross-National Analysis," with Daniel Millimet, Society of Labor Economists Meetings, San Francisco, CA, 2005

"Institutional Arrangements in Educational Systems and Student Achievement: A Cross-National Analysis," with Daniel Millimet, Southwestern Economics Association Meetings, New Orleans, LA, 2005

“Efficiency in Public Schools: Does Competition Matter?” with Daniel Millimet, American Economic Association, Philadelphia, PA, 2005

## **CONFERENCE DISCUSSANT**

Western Economic Association International Annual Conference, Portland, OR, 2016

Southern Economic Association Meetings, New Orleans, LA, 2012

Eastern Economics Association Meetings, Boston, MA, 2012

North American Association of Fisheries Economists, Honolulu, HI, 2011

Southern Economics Association Meetings, Atlanta, GA, 2010

Improving Education: Evidence from secondary analysis of international studies, Stockholm, Sweden, 2009

Southern Economics Association Meetings, San Antonio, TX, 2009

Eastern Economics Association Meetings, New York, NY, 2009

North American Association of Fisheries Economists, Newport, RI, 2009

## **TEACHING EXPERIENCE**

### **University of Dayton**

Principles of Microeconomics  
Public Finance  
Economics of the Environment  
Principles of Economics (MBA: traditional and online formats)  
Managerial Economics (MBA: traditional, blended, and online formats)

### **Southern Methodist University**

Principles of Microeconomics  
Economics of the Public Sector  
Public Finance

### **Centre College**

Introduction to Economics  
Macroeconomic Analysis

## **PROFESSIONAL SERVICE**

### **Ad-hoc Referee for:**

Applied Economics  
Economic Inquiry  
Economics of Education Review  
Education Economics  
Eastern Economic Journal  
Empirical Economics  
Journal of Sports Economics  
Journal of Sports Analytics  
Southern Economic Journal

## **UNIVERSITY SERVICE**

SBA Dean Search Committee, Chair, 2016  
Athletics Advisory Committee, 2013 – present, Chair 2015-present  
SBA Leadership Committee, 2013 – present  
Faculty Advisor to Hanley Sustainability Fund, 2013- present  
Leadership UD Development Team, 2014 – 2016  
Honors Thesis Advisor for Brian Bates, 2015 – 2016  
Presidential Search Committee, 2015  
UD2NYC, Founder/Director, 2014-2015  
Hanley Sustainability Institute Graduate Certificate Working Group, 2014 – 2015  
Finance Faculty Search Committee, 2015  
UDCI Lecturer Search Committee, 2015  
Berry Summer Thesis Institute Advisor for Brian Bates, 2014  
Human Resources Advisory Council, 2013 – 2014  
Faculty Board, 2011- 2014  
Faculty Advisor to Omicron Delta Epsilon, 2007- 2014

Economics Faculty Search Committee, Chair, 2013-2014  
Task Force on SBA Core Curriculum, Chair, 2013  
Honors Thesis Advisor for Stephen Mackell, 2011- 2013  
Honors Thesis Advisor for Justin Jennewine, 2011- 2013  
Finance Faculty Search Committee, 2012  
SBA Graduate Committee, 2008-2012  
Finance Faculty Search Committee, 2010  
Finance Faculty Search Committee, 2009  
Faculty Advisor to University of Dayton Men's Club Golf Team, 2007-2009

## **HONORS**

### **University of Dayton**

E-Learning Fellows Program, 2012, 2016  
SBA Summer Research Grant, 2008, 2011  
Teaching Fellows Program, 2010-2011  
Leadership UD, 2009

### **Southern Methodist University**

Treasurer, Graduate Student Assembly, 2005-2006  
Economics Department Representative to GSA, 2005-2006  
Department of Economics Teaching Assistantship, 2002-2006  
AEA/ODE Travel Award, January 2005

### **Centre College**

Omicron Delta Epsilon, 2000  
Order of Omega, 2000-2002  
Lansing Scholarship, 1998-2002  
Captain, Men's Soccer Team, 2001  
SCAC Honor Roll, 2000, 2001