

Matthew P.H. Taylor

Department of Economics
University of California, Riverside
900 University Avenue
Riverside, CA 92521-9800

Phone: Available Upon Request
Email: mptaylor1@live.com
Website: <https://matthewphtaylor.net>

EDUCATION

Ph.D. Candidate, Economics, University of California, Riverside *In Progress*
M.S., Economics, Portland State University *June 2011*
B.S./B.A., Business Administration and Economics, University of Nevada, Las Vegas *December 2007*

CURRENT TEACHING POSITIONS

Lecturer, Department of Economics, California State University, East Bay *March 2016 - Present*
Lecturer, Department of Economics, Los Medanos College *August 2016 - Present*

RESEARCH FIELDS

Development Economics, Applied Microeconomic Theory, US Economic History, and Political Economy

TEACHING EXPERIENCE

Lecturer

Research Methods (Graduate Course), California State University, East Bay (2 classes)
Intermediate Microeconomic Theory, San Francisco State University (1 class)
Managerial Economics and Business Strategy, California State University, East Bay (14 classes)
Managerial Economics, UC Riverside (1 class)
Principles of Microeconomics, Los Medanos College (9 classes)
Principles of Microeconomics, California State University, East Bay (2 online classes, 1 in person)
U.S. Economic History and Institutions, California State University, East Bay (3 classes)
Economic History of the United States, Los Medanos College (3 classes)
Money, Banking, and Financial Intermediaries, California State University, East Bay (2 classes)
Selected Topics in Economic Analysis, California State University, East Bay (1 class)
Information and Organizations, California State University, East Bay (1 class)

Teaching Assistant

Introduction to Macroeconomics, University of California, Riverside (3 sections)
Intermediate Microeconomic Theory, University of California, Riverside (6 sections)
Introduction to Microeconomics, University of California, Riverside (6 sections)
Intermediate Macroeconomic Theory, University of California, Riverside (3 sections)
Managerial Economics, University of California, Riverside (3 sections)
Principles of Macroeconomics, Portland State University (1 class)
Economics of Sustainability (Graduate Course), Portland State University (2 classes)
Business Environmental Management (Graduate Course), Portland State University (1 class)
Principles of Microeconomics, Portland State University (1 class)

PEER-REVIEWED PUBLICATIONS

'Month of Birth and Child Height in 40 Countries,' *Economic Letters* (2017) with Neha Agarwal, Anaka Aiyar, Arpita Bhattacharjee, Joseph Cummins, Christian Gunadi, Deepak Singhania, and Evan Wigton-Jones.

'A Genuine Metric for Assessing Business Sustainability,' in *Building a Green Economy: Perspectives from Ecological Economics* (2012), edited by Robert B. Richardson. East Lansing, MI: Michigan University Press, with Darrell Brown, David Ervin, Jim Thayer, and Brett Cassidy.

OTHER PUBLICATIONS

'The Inverse Relationship between Farm Size and Productivity: Refocusing the Debate,' UCR Working Paper 18-11 (2018) with Steven Helfand. *Under Review*.

'Agricultural Productivity and Farm Size in Latin America,' World Bank Background Paper (2018), with Steven Helfand.

'Closing the Digital Divide: A Historic and Economic Justification for Government Intervention,' University of California, Riverside School of Public Policy Paper Working Paper #18-05 (2018), with Hon. Lloyd Levine

'A Good Environment for Jobs,' Economics for Equity and the Environment (E3 Network) Working Paper (2012), with Elizabeth Stanton.

WORKING PAPERS

'The Farm Size – Productivity Relationship in the Wake of Market Reform: an Analysis of Mexican Family Farms,' (2018), with Steven Helfand.

'Agricultural Productivity and Poverty Reduction Potential in Rural Mexico,' (2018).

WORK IN PROGRESS

Carnegie Libraries and Access to Information in Early 20th Century America.

Household Inputs and the Educational Production Frontier: Evidence from Mexico.

Institutional Crisis and Change in SSA Theory.

A General Equilibrium Model of the War on Drugs, with Jonny Kurzfeld.

PAST RESEARCH EXPERIENCE

Research Assistant, Steven Helfand, UC Riverside July 2015 – July 2018

- Conducting empirical analysis on agricultural productivity in Brazil and Mexico

Research Assistant, Center for Sustainable Suburban Development June 2013 – January 2014

- Assisted Professor Richard Arnott with work on the TRANS-RELU Graphical User Interface

Research Assistant, Climate Economics Group, Stockholm Environmental Institute March 2012 – August 2012

- Assisted Frank Ackerman and Liz Stanton with research on the economics of climate change and the environmental issue, directly resulting in two white papers

Research Assistant, Julie Nelson, University of Massachusetts, Boston November 2011 – August 2012

- Assisted with research regarding gender differences (similarities) in risk aversion, providing the empirical foundation for publications in the *Journal of Economic Surveys*, the *Journal of Economic Methodology*, and *Feminist Economics*

Research Assistant, David Ervin and Darrell Brown, Portland State University April 2010 - July 2010

- Developed an approach for firm-level evaluation of sustainability performance

- Conducted data analysis, market assessments, program evaluation, and project management in the energy efficiency industry as an intern and contractor, directly resulting in two internal white papers

CONFERENCE PARTICIPATION

<i>Pacific Development Conference (PacDev)</i> , Riverside, California	March 2017
<ul style="list-style-type: none">• Presenter: "The Inverse Relationship between Farm Size and Productivity: Refocusing the Debate"	
<i>Western Economic Association International Conference</i> , Portland, Oregon	July 2016
<ul style="list-style-type: none">• Presenter: "The Inverse Relationship between Farm Size and Productivity: Refocusing the Debate"	
<i>International Congress on Sustainability Science and Engineering</i> , Tucson, Arizona	January 2011
<ul style="list-style-type: none">• Co-Presenter: "A Genuine Metric for Assessing Business Sustainability" (with David Ervin)	
<i>Behavior, Energy and Climate Change Conference</i> , Sacramento, California	November 2010
<ul style="list-style-type: none">• Volunteer and Co-Author: "Persistent Misperceptions: The Participation Disconnect between Energy Programs and Customers" (with Sarah Castor)	
<i>International Conference on Business and Sustainability</i> , Portland, Oregon	November 2010
<ul style="list-style-type: none">• Presenter: "A Genuine Metric for Assessing Business Sustainability"	
<i>Oregon Built Environment and Sustainable Technologies Festival</i> , Portland, Oregon	September 2010
<ul style="list-style-type: none">• Poster Session Participant: "A Genuine Metric for Assessing Business Sustainability"	
<i>Western Economic Association International Conference</i> , Portland, Oregon	July 2010
<ul style="list-style-type: none">• Volunteer and Conference Participant	

AWARDS, HONORS, AND FELLOWSHIPS

<i>Chancellor's Distinguished Fellowship</i> , University of California, Riverside	September 2012
<i>National Science Foundation Grant</i> , provided support for ICOSSE attendance	January 2011
<i>Institute for Sustainable Solutions Student Travel Award</i>	January 2011
<i>Portland State University Department of Economics Student Travel Award</i>	November 2010
<i>Precourt Energy Efficiency Center Fellow</i> , provided support for BECC attendance	November 2010
<i>Department of Economics Graduate Assistantship</i> , Portland State University	September 2009, September 2010
<i>Magna Cum Laude Graduate</i> , University of Nevada, Las Vegas	December 2007
<i>Omicron Delta Epsilon</i> , International Honor Society in Economics	December 2007
<i>Golden Key International Honor Society</i>	December 2007

UNIVERSITY PARTICIPATION AND PROFESSIONAL DEVELOPMENT

<i>Becoming an Effective Online Instructor</i> , Professional Development Course	Summer 2019
<i>Sustainability Student Learning Outcomes Pilot Program</i> , California State University, East Bay	Spring 2019
<i>Supplemental Instruction (SI) Faculty Training</i> , California State University, East Bay	Spring 2019
<i>Faculty Advising and Mentoring (FAM) Program Participant</i> , Los Medanos College	Spring 2018 - Present
<i>Student Mental Health and Wellness Workshop</i> , Los Medanos College	Summer 2019
<i>Racism and Sexism in the 21st Century Workshop</i> , Los Medanos College	Summer 2019

College of Business and Economics Undergraduate Mentor, California State University, East Bay

Spring 2017

The Student Economics Association Co-Founder, Portland State University

Spring 2010

Mock Federal Open Market Committee Meeting Participant, University of Nevada, Las Vegas

2007

REFERENCES

Steven Helfand (Chair)
Associate Professor/Chair
Department of Economics
University of California
Riverside, CA 92521
steven.helfand@ucr.edu

Anil Deolalikar
Professor/Founding Dean
Department of Economic
University of California
Riverside, CA 92521
anild@ucr.edu

Joseph Cummins
Assistant Professor
Department of Economics
University of California
Riverside, CA 92521
joseph.cummins@ucr.edu

DISSERTATION ABSTRACTS

Title: 'Essays on Agricultural Productivity and Poverty in Latin America'

Chapter 1: 'The Inverse Relationship between Farm Size and Productivity: Refocusing the Debate,' with Steven Helfand. (*Under Review*).

Abstract: Empirical studies of the relationship between farm size and productivity, a recurrent topic in development economics, use a range of productivity measures. This paper emphasizes the role of choice of productivity measure in reconciling and interpreting the large body of literature. First, the meaning, relationships, and empirical advantages/limitations of the most common measures are clarified. Second, it is argued that total factor productivity (TFP), not land productivity, is the appropriate indicator for most policy questions. Third, the changing nature of the farm size – productivity relationship is discussed, suggesting that the identification of these dynamics crucially depends on the productivity measure chosen. Lastly, using a pseudo-panel of Brazilian farms aggregated at the municipality and farm size levels, new evidence on the inverse relationship between farm size and productivity over the 1985-2006 period. The inverse relationship between farm size and land productivity is alive and well. The relationship between TFP and size, in contrast, has evolved with modernization during this period, becoming increasingly U-shaped or even positive. Policy implications are discussed.

Chapter 2: 'The Farm Size – Productivity Relationship in the Wake of Market Reform: an Analysis of Mexican Family Farms,' with Steven Helfand.

Abstract: The hypothesis of a dynamic farm size – productivity relationship is extended to the context of Mexico, identifying the relationship in a panel of family farms from the Mexican Family Life Survey (MxFLS). We find a time invariant inverse relationship between farm size and both land productivity and total factor productivity. Stochastic frontier analysis reveals that, while technical change is expanding the frontier and technical inefficiency is growing for the entire sample, these changes are more pronounced for larger farms. An inverse relationship along the productivity frontier is disappearing in the wake of Mexico's NAFTA-era reforms to agricultural policy, yet this change has not affected the farm size – total factor productivity relationship due to growing technical inefficiency. These findings suggest that either the multiple market failure hypothesis is not a source of the inverse relationship in Mexico or that the NAFTA-era reforms have been insufficient.

Chapter 3: 'Agricultural Productivity and Poverty Reduction Potential in Rural Mexico'

Abstract: Recent years have seen agricultural productivity re-emerge as a preferred channel for poverty reduction in the developing world. Using a panel of family farms from the Mexican Family Life Survey, this paper generates counterfactual estimates of the poverty reduction potential of a suite of agricultural policies.