

## **DANIEL J. HENDERSON**

### **ADDRESS**

Department of Economics, Finance and Legal Studies  
Culverhouse College of Business  
University of Alabama  
Box 870224  
Tuscaloosa, AL 35487-0224  
Phone: 1-205-348-8991  
Fax: 1-205-348-0590  
E-mail: [djhender@cba.ua.edu](mailto:djhender@cba.ua.edu)  
Homepage: <http://dhenderson.people.ua.edu>

### **EDUCATION**

Ph.D., Economics, University of California, Riverside, Spring 2003  
Committee Co-Chairs: R. Robert Russell and Aman Ullah  
M.A., Economics, University of California, Riverside, Spring 2000  
B.A., Economics (minor, Statistics), University of California, Davis, Spring 1998  
A.A., Mathematics, Sacramento City College, Spring 1996

### **PROFESSIONAL EXPERIENCE**

Professor of Economics, Department of Economics, Finance and Legal Studies, University of Alabama, Fall 2015 – Present  
J. Weldon and Delores Cole Faculty Fellow, Department of Economics, Finance and Legal Studies, University of Alabama, Fall 2012 – Present  
Associate Professor of Economics, Department of Economics, Finance and Legal Studies, University of Alabama, Fall 2012 – Spring 2015  
Associate Professor of Economics, Department of Economics, State University of New York at Binghamton, Fall 2008 – Spring 2013  
Assistant Professor of Economics, Department of Economics, State University of New York at Binghamton, Fall 2003 – Spring 2008

### **CURRENT AFFILIATIONS**

Lecture Professor (Tianjin Thousand Talents Program), School of Mathematical Sciences, Nankai University, Tianjin, China, Summer 2019 – Present  
Scientific Chair, FWO (Research Foundation – Flanders), G&M2: Economics, Business Economics and Management, Brussels, Belgium, Winter 2019 – Present  
Associate Expert, FWO (Research Foundation – Flanders), Interdisciplinary Expert Panel, Brussels, Belgium, Spring 2017 – Present  
Research Fellow, IZA (Institute for the Study of Labor), Bonn, Germany, Fall 2008 – Present

## FORMER AFFILIATIONS

Expert Panelist, FWO (Research Foundation – Flanders), G&M2: Economics, Business Economics and Management, Brussels, Belgium, Winter 2016 – Fall 2018  
Research Fellow, WISE (Wang Yanan Institute for Studies in Economics), Xiamen University, Xiamen, China, Fall 2013 – Spring 2017

## VISITING APPOINTMENTS AND SHORT TERM VISITS

School of Statistics, Jiangxi University of Finance and Economics, Nanchang, China, July 2019  
Department of Economics, University of Colorado, Boulder, CO, Summer 2018 – Spring 2019  
Department of Economics, Universidad de Cantabria, Santander, Spain, September 2016, March 2017, September 2017, September 2018  
Department of Economics and Management, University of Pisa, Pisa, Italy, May 2013, June 2016  
Department of Economics, University of Cyprus, Nicosia, Cyprus, June 2016  
KOF Swiss Economic Institute, ETH Zürich, Zürich, Switzerland, June 2016  
Institute of Statistics, Université catholique de Louvain, Louvain-la-Neuve, Belgium, July 2004, June 2005, October 2014  
School of Economics, Singapore Management University, Singapore, June 2013  
Department of Economics and Finance, University of Dayton, Dayton, OH, February 2011  
Department of Economics, Southern Methodist University, Dallas, TX, Fall 2005 – Summer 2006

## AREAS OF RESEARCH

Nonparametric Econometrics  
Applied Microeconometrics  
Panel Data Econometrics  
Economic Growth and Development  
Economics of Education

## BOOKS

- [1] *Applied Nonparametric Econometrics*, with Christopher F. Parmeter, Cambridge University Press: New York, 2015

## JOURNAL ARTICLES

- [1] “An Introduction to Nonparametric Regression for Labor Economists,” with Anne-Charlotte Souto, *Journal of Labor Research*, 2018, 39, 355-382 (lead article)  
[2] “Kernel-Based Testing with Skewed and Heavy-Tailed Data: Evidence from a Nonparametric Test for Heteroskedasticity,” with Alice Sheehan, *Economics Letters*, 2018, 172, 8-11  
[3] “On Discrete Epanechnikov Kernel Functions,” with Chi-Yang Chu and Christopher F. Parmeter, *Computational Statistics and Data Analysis*, 2017, 116, 79-105  
[4] “Nonparametric Estimation in Economics: Bayesian and Frequentist Interpretations,” with Joshua C. C. Chan, Christopher F. Parmeter and Justin L. Tobias, *Wiley Interdisciplinary Reviews: Computational Statistics*, 2017, 9, 1-13 (lead article)

- [5] “The Distribution of Returns to Education for People with Disabilities,” with Andrew Houtenville and Le Wang, *Journal of Labor Research*, 2017, 38, 261-282 (lead article)
- [6] “The Robust Relationship Between US Food Aid and Civil Conflict,” with Chi-Yang Chu and Le Wang, *Journal of Applied Econometrics*, 2017, 32, 1027-1032
- [7] “The Three Is of Public Schools: Insufficient Resources, Irrelevant Inputs and Inefficiency,” with Léopold Simar and Le Wang, *Applied Economics*, 2017, 49, 1164-1184
- [8] “Root-n Consistent Kernel Density Estimation in Practice,” with Christopher F. Parmeter, *Journal of Econometric Methods*, 2017, 6,
- [9] “Teaching Nonparametric Econometrics to Undergraduates,” with Christopher F. Parmeter, *Journal of Econometric Methods*, 2016, 5, 179-193
- [10] “Smooth Coefficient Estimation of a Seemingly Unrelated Regression,” with Subal C. Kumbhakar, Qi Li and Christopher F. Parmeter, *Journal of Econometrics*, 2015, 189, 148-162
- [11] “A Consistent Bootstrap Procedure for Nonparametric Symmetry Tests,” with Christopher F. Parmeter, *Economics Letters*, 2015, 131, 78-82
- [12] “Plug-in Bandwidth Selection for Kernel Density Estimation with Discrete Data,” with Chi-Yang Chu and Christopher F. Parmeter, *Econometrics*, 2015, 3, 199-214
- [13] “The Inequality-Growth Plateau,” with Junhui Qian and Le Wang, *Economics Letters*, 2015, 128, 17-20
- [14] “Gradient Based Smoothing Parameter Selection for Nonparametric Regression Estimation,” with Qi Li, Christopher F. Parmeter and Shuang Yao, *Journal of Econometrics*, 2015, 184, 233-241
- [15] “Additive Kernel Estimates of Returns to Schooling,” with Deniz Ozabaci, *Empirical Economics*, 2015, 48, 227-251
- [16] “Significant Drivers of Growth in Africa,” with Oleg Badunenko and Romain Houssa, *Journal of Productivity Analysis*, 2014, 42, 339-354
- [17] “Additive Nonparametric Regression in the Presence of Endogenous Regressors,” with Deniz Ozabaci and Liangjun Su, *Journal of Business and Economic Statistics*, 2014, 32, 555-575
- [18] “Estimation and Inference Under Economic Restrictions,” with Subal C. Kumbhakar, Christopher F. Parmeter and Kai Sun, *Journal of Productivity Analysis*, 2014, 41, 111-129
- [19] “Does Education Matter for Economic Growth?” with Michael S. Delgado and Christopher F. Parmeter, *Oxford Bulletin of Economics and Statistics*, 2014, 76, 334-359
- [20] “Who Benefits from Financial Development? New Methods, New Evidence,” with Chris Papageorgiou and Christopher F. Parmeter, *European Economic Review*, 2013, 63, 47-67
- [21] “Polarization of the Worldwide Distribution of Productivity,” with Oleg Badunenko and R. Robert Russell, *Journal of Productivity Analysis*, 2013, 40, 153-171 (lead article)
- [22] “A Simple Method to Visualize Results in Nonlinear Regression Models,” with Subal C. Kumbhakar and Christopher F. Parmeter, *Economics Letters*, 2012, 117, 578-581
- [23] “Normal Reference Bandwidths for the General Order, Multivariate Kernel Density Derivative Estimator,” with Christopher F. Parmeter, *Statistics and Probability Letters*, 2012, 82, 2198-2205
- [24] “Canonical Higher-Order Kernels for Density Derivative Estimation,” with Christopher F. Parmeter, *Statistics and Probability Letters*, 2012, 82, 1383-1387
- [25] “When, Where and How to Perform Efficiency Estimation,” with Oleg Badunenko and Subal C. Kumbhakar, *Journal of the Royal Statistical Society, Series A*, 2012, 175, 863-892
- [26] “Growth Empirics without Parameters,” with Chris Papageorgiou and Christopher F. Parmeter, *Economic Journal*, 2012, 122, 125-154

- [27] “Empirical Implementation of Nonparametric First-Price Auction Models,” with John A. List, Daniel L. Millimet, Christopher F. Parmeter and Michael K. Price, *Journal of Econometrics*, 2012, 168, 17-28
- [28] “Heterogeneity in Schooling Rates of Return,” with Solomon W. Polachek and Le Wang, *Economics of Education Review*, 2011, 30, 1202-1214.
- [29] “Are we Wasting our Children’s Time by Giving them More Homework,” with Ozkan Eren, *Economics of Education Review*, 2011, 30, 950-961
- [30] “Biases in Approximating Log Production,” with Subal C. Kumbhakar and Kai Sun, *Journal of Applied Econometrics*, 2011, 26, 708-714.
- [31] “A Test for Multimodality of Regression Derivatives with an Application to Nonparametric Growth Regressions,” *Journal of Applied Econometrics*, 2010, 25, 458-480
- [32] “A Nonparametric Examination of Capital-Skill Complementarity,” *Oxford Bulletin of Economics and Statistics*, 2009, 71, 519-538
- [33] “Technological Change and Transition: Relative Contributions to Worldwide Growth During the 1990's,” with Oleg Badunenko and Valentin Zelenyuk, *Oxford Bulletin of Economics and Statistics*, 2008, 70, 461-492
- [34] “Nonparametric Estimation and Testing of Fixed Effects Panel Data Models,” with Raymond J. Carroll and Qi Li, *Journal of Econometrics*, 2008, 144, 257–275
- [35] “The Impact of Homework on Student Achievement,” with Ozkan Eren, *Econometrics Journal*, 2008, 11, 326-348
- [36] “Modes, Weighted Modes, and Calibrated Modes: Evidence of Clustering Using Modality Test,” with Christopher F. Parmeter and R. Robert Russell, *Journal of Applied Econometrics*, 2008, 23, 607-638
- [37] “Is Gravity Linear?” with Daniel L. Millimet, *Journal of Applied Econometrics*, 2008, 23, 137-172 (lead article)
- [38] “A Drive up the Capital Coast? Contributions to Post-Reform Growth Across Chinese Provinces,” with Oleg Badunenko and Kiril Tochkov, *Journal of Macroeconomics*, 2007, 29, 569-594
- [39] “Testing for (Efficiency) Catching-up,” with Valentin Zelenyuk, *Southern Economic Journal*, 2007, 73, 1003-1019
- [40] “Pollution Abatement Costs and Foreign Direct Investment Inflows to U.S. States: A Nonparametric Reassessment,” with Daniel L. Millimet, *Review of Economics and Statistics*, 2007, 89, 178-183
- [41] “Nonparametric Estimation of a Hedonic Price Function,” with Subal C. Kumbhakar and Christopher F. Parmeter, *Journal of Applied Econometrics*, 2007, 22, 695-699
- [42] “Do Former College Athletes Earn More at Work? A Nonparametric Assessment,” with Alexandre Olbrecht and Solomon W. Polachek, *Journal of Human Resources*, 2006, 41, 558-577
- [43] “Public and Private Capital Productivity Puzzle: A Nonparametric Approach,” with Subal C. Kumbhakar, *Southern Economic Journal*, 2006, 73, 219-232
- [44] “A Nonparametric Random Effects Estimator,” with Aman Ullah, *Economics Letters*, 2005, 88, 403-407
- [45] “Environmental Regulation and U.S. State-Level Production,” with Daniel L. Millimet, *Economics Letters*, 2005, 87, 47-53
- [46] “Human Capital and Convergence: A Production-Frontier Approach,” with R. Robert Russell, *International Economic Review*, 2005, 46, 1167-1205

## BOOK CHAPTERS

- [1] “The Productivity of Nations,” with Oleg Badunenko and Valentin Zelenyuk, in *Oxford Handbook of Productivity Analysis*, Emili Grifell-Tatjé, C. A. Knox Lovell and Robin C. Sickles (Eds.), 2018
- [2] “Model Averaging over Nonparametric Estimators,” with Christopher F. Parmeter, *Advances in Econometrics*, Gloria Gonzalez-Rivera, R. Carter Hill and Tae-Hwy Lee (Eds.), 2016, 36, 539-560
- [3] “Nonparametric Estimation in a One-Way Error Component Model: A Monte Carlo Analysis,” with Aman Ullah, in *ISI Platinum Jubilee – Statistical Paradigms: Recent Advances and Reconciliations*, Ashis SenGupta, Tapas Samanta and Ayanendranath Basu (Eds.), 2015, 14 213-238
- [4] “Searching for Rehabilitation in Nonparametric Regression Models with Exogenous Treatment Assignment,” with Esfandiar Maasoumi, in *Oxford Handbook of Applied Nonparametric and Semiparametric Econometrics and Statistics*, Jeffrey S. Racine, Liangjun Su and Aman Ullah (Eds.), 2014, 501-520
- [5] “Fixed versus Random: The Hausman Test Four Decades Later,” with Shahram Amini, Michael S. Delgado and Christopher F. Parmeter, *Advances in Econometrics*, Badi H. Baltagi, R. Carter Hill, Whitney K. Newey and Halbert L. White (Eds.), 2012, 29, 479-513
- [6] “Imposing Economic Constraints in Nonparametric Regression: Survey, Implementation and Extension,” with Christopher F. Parmeter, *Advances in Econometrics*, Qi Li and Jeffrey S. Racine (Eds.), 2009, 25, 433-469
- [7] “Fertility and the Health of Children: A Nonparametric Investigation,” with Daniel L. Millimet, Christopher F. Parmeter and Le Wang, *Advances in Econometrics*, Daniel L. Millimet, Jeffrey A. Smith and Edward Vytlacil (Eds.), 2008, 21, 167-195
- [8] “Nonparametric Estimation of Higher-Order Moments of Technical Efficiency,” in *Aggregation, Efficiency, and Measurement*, Rolf Färe, Shawna Grosskopf and Daniel Primont (Eds.), 2007, 117-128

## PAPERS UNDER REVISION

## PAPERS UNDER SUBMISSION

- [1] “Nonparametric Multi-Dimensional Fixed-Effects Panel Data Models,” with Juan-Manuel Rodriguez-Poo and Alexandra Soberon
- [2] “Bandwidth Selection in a Partially Parametric Model,” with Nadine McCloud and Christopher F. Parmeter
- [3] “M-Estimation of a Nonparametric Threshold Regression Model,” with Christopher F. Parmeter and Liangjun Su
- [4] “Labor Demand Shocks at Birth and Cognitive Achievement during Childhood,” with Krishna Regmi

## WORKING PAPERS

- [1] “Local-Linear Specification Testing,” with Jiancheng Jiang and Alice Sheehan
- [2] “Estimation, Testing and Bandwidth Selection for Non-smooth or Discontinuous Distributions,” with Carlos Martins-Filho
- [3] “Heterogeneity and Interactions in the Nonprofit Donation Production Function,” with Teresa D. Harrison, Deniz Ozabaci and Christopher A. Laincz

## PROFESSIONAL ACTIVITY

### Editorial Experience

Editorial Review Board, *Journal of African Business*, Spring 2017 – Present

Board of International Referees, *Pakistan Journal of Applied Economics*, Winter 2009 – Present

### Conference Presentations

- [1] International Conference on Econometrics and Statistics, Taichung City, Taiwan, June 2017
- [2] New York Camp Econometrics, Clayton, NY, April 2014
- [3] Eastern Economic Association Meetings, New York, NY, March 2018
- [4] International Conference on Computational and Methodological Statistics, Pisa, Italy, December 2018
- [5] International Conference on Econometrics and Statistics, Hong Kong, June 2018
- [6] North American Productivity Workshop, Miami, FL, June 2018
- [7] West Indies Economic Conference, Kingston, Jamaica, March 2018
- [8] Eastern Economic Association Meetings, Boston, MA, March 2018
- [9] International Conference on Computational and Methodological Statistics, London, England, December 2017
- [10] International Conference on Econometrics and Statistics, Hong Kong, June 2017
- [11] China Meeting of the Econometric Society, Wuhan, China, June 2017
- [12] Asian Meeting of the Econometric Society, Hong Kong, June 2017
- [13] Western Economic Association International Annual Conference, Portland, OR, June 2016
- [14] International Association for Applied Econometrics Conference, Milan, Italy, June 2016
- [15] Chinese Economist Society North America Conference, Sacramento, CA, April 2016
- [16] Southern Economic Association Annual Meeting, New Orleans, LA, November 2015
- [17] European Workshop on Efficiency and Productivity Growth, Helsinki, Finland, June 2015
- [18] New York Camp Econometrics, Lake George, NY, April 2015
- [19] Advances in Econometrics Conference: In Honor of Aman Ullah, Riverside, CA, March 2015
- [20] Eastern Economic Association Meetings, New York, NY, February 2015
- [21] Southern Economic Association Annual Meeting, Atlanta, GA, November 2014
- [22] TFP: Measurement, Determinants and Effects, Brussels, Belgium, October 2014
- [23] Midwest Econometric Group, Iowa City, IA, September 2014
- [24] International Association for Applied Econometrics Conference, London, England, June 2014
- [25] Econometric Society Summer Meetings, Minneapolis, MN, June 2014
- [26] Western Economic Association International Annual Conference, Seattle, WA, June 2013
- [27] Rimini Workshop on Developments in Macroeconomics and Growth, Rimini, Italy, May 2013
- [28] New York Camp Econometrics, Lake George, NY, April 2013
- [29] Society for Nonlinear Dynamics and Econometrics Symposium, Milan, Italy, March 2013
- [30] Midwest Econometric Group, Lexington, KY, September 2012
- [31] Midwest Econometric Group, Chicago, IL, October 2011
- [32] Western Economic Association International Annual Conference, San Diego, CA, June 2011
- [33] New York Camp Econometrics, Lake Placid, NY, April 2011
- [34] Society for Nonlinear Dynamics and Econometrics Symposium, Washington, DC, March 2011

- [35] Southern Economic Association Annual Meeting, Atlanta, GA, November 2010
- [36] Econometric Society World Congress, Shanghai, China, August 2010
- [37] North American Productivity Workshop, Houston, TX, June 2010
- [38] Econometric Society Winter Meetings, Atlanta, GA, January 2010
- [39] Midwest Econometric Group, West Lafayette, IN, September 2009
- [40] Econometric Society Summer Meetings, Boston, MA, June 2009
- [41] IZA/SOLE Transatlantic Meeting of Labor Economists, Ammersee, Germany, May 2009
- [42] Southern Economic Association Annual Meeting, Washington, DC, November 2008
- [43] Advances in Econometrics Annual Conference, Baton Rouge, LA, November 2008
- [44] New York Camp Econometrics, Ithaca, NY, April 2008
- [45] Institutional and Social Dynamics of Growth & Distribution, Lucca, Italy, December 2007
- [46] Western Economic Association International Annual Conference, Seattle, WA, June 2007
- [47] Econometric Society Summer Meetings, Durham, NC, June 2007
- [48] Globalization and Its Discontents, Cortland, NY, June 2007
- [49] Texas Camp Econometrics, Huntsville, TX, February 2006
- [50] New York Camp Econometrics, Saratoga Springs, NY, February 2006
- [51] Midwest Econometric Group, Carbondale, IL, October 2005
- [52] European Workshop on Efficiency and Productivity Growth, Brussels, Belgium, June 2005
- [53] Econometric Society Winter Meetings, Philadelphia, PA, January 2005
- [54] North American Productivity Workshop, Toronto, Canada, June 2004
- [55] International Conference on Panel Data, College Station, TX, June 2004
- [56] European Workshop on Efficiency and Productivity Growth, Oviedo, Spain, September 2003
- [57] Conference on Aggregation, Efficiency, and Measurement, Riverside, CA, May 2003
- [58] All-UC Conference on Convergence and Divergence, Irvine, CA, November 2002
- [59] Asia Conference on Efficiency and Productivity Growth, Taipei, Taiwan, July 2002
- [60] Western Economic Association International Annual Conference, Seattle, WA, June 2002
- [61] Econometric Society Summer Meetings, Los Angeles, CA, June 2002
- [62] Canadian Economic Association Annual Meeting, Calgary, Canada, May 2002

Referee For

*Advances in Econometrics, African Journal of Agricultural Research, American Educational Research Association Open, Annals of Operations Research, Bulletin of Economic Research, Canadian Journal of Economics, Computational Statistics and Data Analysis, Computer Methods and Programs in Biomedicine, Ecological Economics, Econometric Reviews, Econometrics Journal, Economic Inquiry, Economics and Human Biology, Economics Bulletin, Economics Letters, Economics of Education Review, Economics of Transition, Economies, Educational Research and Reviews, Empirical Economics, Energy Journal, Energy Policy, Engineering Economist, European Journal of Finance, European Journal of Operational Research, European Review of Economic History, Health Care Management Science, Higher Education, IEEE Conference on Decision and Control, Info-Metrics, International Economic Review, Journal of African Business, Journal of Agricultural and Resource Economics, Journal of Applied Econometrics, Journal of Asian Economics, Journal of Banking and Finance, Journal of Business and Economic Statistics, Journal of Development Economics, Journal of Econometrics, Journal of Economic Behavior and Organization, Journal of Economic Geography, Journal of Economic Growth, Journal of Economic Studies, Journal of Economic Surveys, Journal of Empirical Finance, Journal of Environmental Economics and Management, Journal of Human Capital, Journal of Human Development and Capabilities, Journal of Human Resources, Journal of International Money and Finance, Journal of Macroeconomics, Journal of*

*Multivariate Analysis, Journal of Nonparametric Statistics, Journal of Productivity Analysis, Journal of Regional Science, Journal of Sports Economics, Journal of Statistical Computation and Simulation, Journal of Statistical Planning and Inference, Journal of the American Statistical Association, Journal of Urban Economics, Labour Economics, Macroeconomic Dynamics, Operations Research, Oxford Bulletin of Economics and Statistics, Oxford Economic Papers, Pakistan Journal of Applied Economics, Pakistan Journal of Statistics, Regional Studies, Research in Labor Economics, Resource and Energy Economics, Review of Economic Studies, Review of Educational Research, Review of Income and Wealth, Scandinavian Journal of Economics, Social Science and Medicine, Social Science Journal, Sociological Quarterly, Southern Economic Journal, SpringerPlus, Studies in Nonlinear Dynamics and Econometrics, World Economy*

Invited Seminars

- [1] California State University at San Diego
- [2] City University of Hong Kong (Management Sciences)
- [3] Clemson University
- [4] Cornell University (Applied Economics and Management)
- [5] Drexel University
- [6] Emory University
- [7] ETH Zürich (KOF Swiss Economic Institute)
- [8] Fordham University
- [9] Louisiana State University
- [10] Nankai University (Mathematics)
- [11] Nanyang Technological University
- [12] Rice University
- [13] Sam Houston State University
- [14] Singapore Management University
- [15] Southern Methodist University
- [16] State University of New York at Albany
- [17] State University of New York at Binghamton
- [18] State University of New York at Binghamton (Finance)
- [19] State University of New York at Binghamton (Statistics)
- [20] Syracuse University
- [21] Temple University
- [22] Texas A&M University
- [23] Texas Christian University
- [24] Tulane University
- [25] University of Alabama
- [26] University of Calgary
- [27] University of California, Merced
- [28] University of California, Riverside
- [29] University of Cantabria
- [30] University of Colorado
- [31] University of Cyprus
- [32] University of Dayton
- [33] University of Houston
- [34] University of Kansas
- [35] University of Macau
- [36] University of Nevada, Las Vegas



- [37] University of Oklahoma
- [38] University of Pisa
- [39] University of Texas at Dallas
- [40] University of Victoria
- [41] University of Washington
- [42] University of the West Indies at Mona
- [43] Utah State University
- [44] Virginia Tech University
- [45] West Virginia University
- [46] Xiamen University

Reviewer For

Fund for Scientific Research, Belgium  
FWO (Research Foundation – Flanders), Belgium  
Oxford University Press  
National Science Foundation  
Natural Sciences and Engineering Research Council of Canada  
Prentice Hall  
Research Grants Council, Hong Kong  
Routledge  
Springer-Verlag  
Studies in Nonlinear Dynamics and Econometrics Conference, 2016  
University of California Press  
Worth Publishers

**AWARDS AND GRANTS**

Tianjin Thousand Talents Program (Nankai University), 2019 – 2021  
Advances in Econometrics Fellow, 2018  
New York Camp Econometrics Fellow, 2015  
Individual Development Award (Binghamton University), 2004 – 2005  
Delta Sigma Pi Graduate Study Grant, 2000 – 2001  
Teaching Assistant of the Year, Department of Economics (UC Riverside), 2000 – 2001

**TEACHING**

Undergraduate

Economic Forecasting  
Introductory Econometrics  
Labor Economics  
Microeconomic Theory  
Statistics for Economics

Master's

Applied Econometrics  
Capstone Project  
Economic Forecasting  
Introductory Econometrics  
Microeconomic Theory

Doctorate

Linear Regression

Applied Econometrics

Nonlinear Regression

Nonparametric Econometrics

Time Series Analysis

**STUDENT SUPERVISION**

Dissertations Supervised

- [1] Chi-Yang Chu (advisor, 2017) – University of Alabama  
*Applied Nonparametric Density and Regression Estimation with Discrete Data: Plug-In Bandwidth Selection and Non-Geometric Kernel Functions*  
Culverhouse College Outstanding Dissertation  
Initial Placement: Assistant Professor, National Taipei University
- [2] Michael Delgado (co-advisor, 2012) – Binghamton University  
*Essays in Nonparametric Econometrics and Voluntary Pollution Abatement*  
Binghamton University Excellence in Research Award  
Initial Placement: Assistant Professor, Purdue University
- [3] Karim Hasani (advisor, in progress) – University of Alabama  
*Essays on Nonparametric Stochastic Frontier Models*
- [4] Nadine McCloud (co-advisor, 2008) – Binghamton University  
*Model Misspecification: Tests and Applications*  
Initial Placement: Assistant Professor (Equivalent), University of the West Indies at Mona
- [5] Deniz Ozabaci (advisor, 2014) – Binghamton University  
*Additive Nonparametric Regression with Microeconomic Applications*  
Initial Placement: Visiting Assistant Professor, University of Connecticut  
First Tenure Track Appointment: Assistant Professor, University of New Hampshire
- [6] Christopher Parmeter (co-advisor, 2006) – Binghamton University  
*Two-Tier Frontier and Generalized Kernel Estimation of Hedonic Price Indices*  
Binghamton University Excellence in Research Award  
Initial Placement: Assistant Professor, Virginia Tech University
- [7] Xianghang Shi (advisor, 2009) – Binghamton University  
*Applied Nonparametric Regression in Economics and Finance*  
Initial Placement: Statistician, UCLA Center for Health Policy Research
- [8] Alice Sheehan (advisor, 2019) – University of Alabama  
*Kernel-based Specification Testing with Skewed and Heavy-Tailed Data*  
Initial Placement: Lecturer, University of New Hampshire
- [9] Kai Sun (co-advisor, 2011) – Binghamton University  
*Essays on Non/Semiparametric Models with Microeconomic Applications*  
Initial Placement: Assistant Professor (Equivalent), Aston Business School
- [10] Anne-Charlotte Souto (advisor, 2019) – University of Alabama  
*The Distribution of Returns to Education*  
Initial Placement: Post-Doc, University of Pittsburgh

Dissertation Committee Member

- [11] Lori Anderson (2011) – Binghamton University  
*Applications of Health Outcomes and Social Behaviors*

- [12] Gabriel Asaftei (2004) – Binghamton University  
*Essays on Financial Intermediation*
- [13] German Blanco (2013) – Binghamton University  
*Bounds on Average and Quantile Treatment Effects*
- [14] Gene Birz (2011) – Binghamton University  
*Macroeconomic News and Stock Returns*
- [15] Tim Haase (2014) – Binghamton University  
*Essays in Empirical Economics*
- [16] Laura Carolevski (2012) – Binghamton University  
*Inflation Targeting in Developing Countries*
- [17] Matthew Hampton (2018) – University of Alabama  
*Essays on Attention Deficit Hyperactivity Disorder*
- [18] William Hankins (2014) – University of Alabama  
*Three Essays on Distributive Politics: How Legislature Size and Political Alignment Impact the Distribution of Government Spending*
- [19] Jared Levant (2014) – University of Alabama  
*Essays on Yield Curve Models with Markov Switching and Macroeconomic Fundamentals*
- [20] Liang Liu (2012) – Binghamton University  
*Essays on the Econometrics of Production Technology in US Commercial Banking*
- [21] Weiwei Liu (2012) – Binghamton University  
*Essays on Gasoline Demand and Carbon Emissions*
- [22] Ya-Pin Lyu (2012) – Binghamton University  
*Self-Selection or Discrimination: Female Scientists and Occupational Selection*
- [23] Emir Malikov (2014) – Binghamton University  
*Essays on the Economics of Banking and Credit Union Industries*
- [24] Nonso Obikili (2013) – Binghamton University  
*Pre-colonial Experiences and Economic Development of Ethnic Groups in Colonial Africa*
- [25] Alexandre Olbrecht (2005) – Binghamton University  
*The Impacts of Athletic Participation on Earnings and Life Choices*
- [26] Biru Paul (2007) – Binghamton University  
*Monetary Policy and Business Cycle Transmission from USA to India*
- [27] Diego Restrepo Tobón (2013) – Binghamton University  
*Essays on Profit Efficiency, Scale and Productivity of U.S. Banks*
- [28] Esha Sinha (2010) – Binghamton University  
*Essays on the Economics of Higher Education*
- [29] Rewat Thamma-Apirom (2009) – Binghamton University  
*Identifying and Estimating Ability from Nonlinear Human Capital Earnings Functions*
- [30] Dan Wang (2006) – Binghamton University  
*Three Essays on Bank Technology, Cost Structure, and Performance*
- [31] Liang Xie (2012) – Binghamton University  
*Three Essays on Econometrics in Capital-Skill Complementarities*

Outside Dissertation Committee Member

- [32] Trevor Collier (2006) – Southern Methodist University, Economics  
*Essays on the Economics of Education*
- [33] Jichang Du (2008) – Binghamton University, Statistics  
*Covariate-Matched Estimator of the Error Variance in Nonparametric Regression*
- [34] Collin Gilstrap (2017) – University of Alabama, Finance  
*Three Empirical Essays in Finance*

- [35] Dina Hamer (2012) – Binghamton University, Statistics  
*On Two-Stage and Three-Stage Sampling Procedures for Fixed-Width Interval Estimation of the Common Variance of Correlated Normal Random Variables*
- [36] Jerome Krief (2010) – Louisiana State University, Economics  
*Kernel Weighted Smooth Maximum Score Estimator for Endogenous Binary Choice Model*
- [37] Somali Ghosh (2011) – Binghamton University, Marketing  
*Suspicion at the Individual and Firm Level*
- [38] Ming Liu (2011) – Binghamton University, Finance  
*Two Essays on Market Efficiency and Behavioral Finance*
- [39] Tung Nguyen (2010) – Binghamton University, Mechanical Engineering  
*Characterization of Mechanical Properties of Actual Lead-Free Solder Joints using DIC*
- [40] Le Wang (2006) – Southern Methodist University, Economics  
*Essays on the Economics of Families*
- [41] Peng Zhang (2010) – Binghamton University, Statistics  
*Prediction in Heteroskedastic Autoregressive Models*

Undergraduate Thesis Advisor

- [42] Pavel Chernyavskiy (2007) – Binghamton University  
*An Inferior Race? Tobit Analysis of NASCAR Expenditures*  
High Honors in Economics

**REFERENCES**

Steven N. Durlauf  
Steans Professor of Educational Policy  
Harris School of Public Policy  
University of Chicago  
Chicago, IL 60637  
1-773-834-1574  
sdurlauf@uchicago.edu

Qi Li  
Hugh Roy Cullen Professor  
Department of Economics  
Texas A&M University  
College Station, TX 77843  
1-979-845-9954  
qi-li@tamu.edu

John A. List  
Homer J. Livingston Professor  
Department of Economics  
University of Chicago  
Chicago, IL 60637  
1-773-702-6576  
jlist@uchicago.edu

Chris Papageorgiou  
Deputy Unit Chief  
Development Macroeconomics Division  
Research Department  
International Monetary Fund  
Washington, DC 20431  
1-202-623-7503  
cpapageorgiou@imf.org

Léopold Simar  
Professor Emeritus  
Institut de Statistique  
Université catholique de Louvain  
B-1348 Louvain-la-Neuve, Belgium  
+32-(0)10 47 43 08  
simar@stat.ucl.ac.be