

DANIEL J. HENDERSON

ADDRESS

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EDUCATION

Ph.D., Economics, University of California, Riverside, Spring 2003
R. Robert Russell[†] (co-chair), Aman Ullah (co-chair), Jang-Ting Guo and Tae-Hwy Lee
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

Robert and Mary Cobb Endowed Professor, Department of Economics, Finance and Legal Studies,
University of Alabama, Fall 2024 – Present
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 – Spring 2024
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

AFFILIATIONS

Research Fellow, IZA (Institute for the Study of Labor), Bonn, Germany, Fall 2008 – Present
Lecture Professor, School of Mathematical Sciences, Nankai University, Tianjin, China, Summer 2019 –
Spring 2022
Scientific Chair, FWO (Research Foundation – Flanders), G&M2: Economics, Business Economics and
Management, Brussels, Belgium, Winter 2019 – Fall 2021

Associate Expert, FWO (Research Foundation – Flanders), Interdisciplinary Expert Panel, Brussels, Belgium, Spring 2017 – Fall 2021
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

University of Cantabria (Department of Economics), Santander, Spain, September 2016, March 2017, September 2017, September 2018, November 2019, November – December 2023, June 2024, July 2024
University of Passau (Chair of Statistics and Data Analysis), Passau, Germany, December 2022, Summer 2023, July 2024
Jönköping University (Jönköping International Business School), Jönköping, Sweden, August 2022, June – July 2024
Blekinge Institute of Technology (Industrial Economics and Management), Karlskrona, Sweden, June 2024
Jiangxi University of Finance and Economics (School of Statistics), Nanchang, China, July 2019
Xiamen University (Wang Yanan Institute for Studies in Economics), Xiamen, China, June 2019
University of Colorado (Department of Economics), Boulder, CO, Summer 2018 – Spring 2019
University of Pisa (Department of Economics and Management), Pisa, Italy, May 2013, June 2016
University of Cyprus (Department of Economics), Nicosia, Cyprus, June 2016
ETH Zürich (KOF Swiss Economic Institute), Zürich, Switzerland, June 2016
Université catholique de Louvain (Institute of Statistics), Louvain-la-Neuve, Belgium, July 2004, June 2005, October 2014
Singapore Management University (School of Economics), Singapore, June 2013
University of Dayton (Department of Economics and Finance), Dayton, OH, February 2011
Southern Methodist University (Department of Economics), Dallas, TX, Fall 2005 – Summer 2006

AREAS OF RESEARCH

Nonparametric Econometrics
Nonparametric Statistics
Applied Microeconometrics
Panel Data Econometrics
Economics of Education

CITATIONS & H-INDEX

Web of Science: Citations (1,393); h-Index (23)
Google Scholar: Citations (4,240); h-Index (33)

BOOKS

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

JOURNAL ARTICLES

- [1] “Do Same-Sex Couples Induce Gentrification?” with Mia Goodnature and Amanda Ross, *Journal of Real Estate Finance and Economics*, forthcoming
- [2] “Accounting for Two-Club Convergence,” with R. Robert Russell, *Journal of Productivity Analysis*, forthcoming
- [3] “Do Participation Rates Vary with Participation Payments in Laboratory Experiments?” with Cary Deck and Huizhen Zhong, *Experimental Economics*, 2024, 27, 1140-1157
- [4] “Unifying Estimation and Inference for Linear Regression with Stationary and Integrated or Near-Integrated Variables,” with Shaoxin Hong, Jiancheng Jiang and Qingshan Ni, *Journal of Financial Econometrics*, 2024, 22, 1397–1420
- [5] “Production Analysis with Asymmetric Noise,” with Oleg Badunenko, *Journal of Productivity Analysis*, 2024, 61, 1-18 (lead article)
- [6] “A Complete Framework for Model-Free Difference-in-Differences Estimation,” with Stefan Sperlich, *Foundations and Trends in Econometrics*, 2023, 12, 232-323
- [7] “Bandwidth Selection for Kernel Density Estimation of Fat-Tailed and Skewed Distributions,” with Alecos Papadopoulos and Christopher F. Parmeter, *Journal of Statistical Computation and Simulation*, 2023, 93, 2110-2135
- [8] “Does One Size Fit All in the Non-Profit Donation Production Function?” with Teresa D. Harrison, Christopher A. Laincz and Deniz Ozabaci, *Oxford Bulletin of Economics and Statistics*, 2023, 82, 373-402
- [9] “Estimation of a Varying Coefficient, Fixed-Effects Cobb-Douglas Production Function in Levels,” with Taining Wang, *Economics Letters*, 2022, 213, 110354
- [10] “Nonparametric Multi-Dimensional Fixed-Effects Panel Data Models,” with Juan M. Rodriguez-Poo and Alexandra Soberon, *Econometric Reviews*, 2022, 41, 321-358
- [11] “Nonparametric Estimation of Unrestricted Distributions and their Jumps,” with Carlos Martins-Filho and Kairat Mynbaev, *Canadian Journal of Statistics*, 2022, 50, 638-662
- [12] “Minimum Wage Changes Across Provinces in China: Average Treatment Effects on Employment and Investment Decisions,” with Ji Luo, *Journal of Risk and Financial Management*, 2021, 14, 22
- [13] “Higher-Order Risk>Returns to Education,” with Anne-Charlotte Souto and Le Wang, *Journal of Risk and Financial Management*, 2020, 13, 253
- [14] “Labor Demand Shocks at Birth and Cognitive Achievement during Childhood,” with Krishna Regmi, *Economics of Education Review*, 2019, 73, 101917
- [15] “An Introduction to Nonparametric Regression for Labor Economists,” with Anne-Charlotte Souto, *Journal of Labor Research*, 2018, 39, 355-382 (lead article)
- [16] “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
- [17] “On Discrete Epanechnikov Kernel Functions,” with Chi-Yang Chu and Christopher F. Parmeter, *Computational Statistics and Data Analysis*, 2017, 116, 79-105

- [18] “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)
- [19] “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)
- [20] “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
- [21] “The Three Is of Public Schools: Insufficient Resources, Irrelevant Inputs and Inefficiency,” with Léopold Simar and Le Wang, *Applied Economics*, 2017, 49, 1164-1184
- [22] “Root-n Consistent Kernel Density Estimation in Practice,” with Christopher F. Parmeter, *Journal of Econometric Methods*, 2017, 6,
- [23] “Teaching Nonparametric Econometrics to Undergraduates,” with Christopher F. Parmeter, *Journal of Econometric Methods*, 2016, 5, 179-193
- [24] “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
- [25] “A Consistent Bootstrap Procedure for Nonparametric Symmetry Tests,” with Christopher F. Parmeter, *Economics Letters*, 2015, 131, 78-82
- [26] “Plug-in Bandwidth Selection for Kernel Density Estimation with Discrete Data,” with Chi-Yang Chu and Christopher F. Parmeter, *Econometrics*, 2015, 3, 199-214
- [27] “The Inequality-Growth Plateau,” with Junhui Qian and Le Wang, *Economics Letters*, 2015, 128, 17-20
- [28] “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
- [29] “Additive Kernel Estimates of Returns to Schooling,” with Deniz Ozabaci, *Empirical Economics*, 2015, 48, 227-251
- [30] “Significant Drivers of Growth in Africa,” with Oleg Badunenko and Romain Houssa, *Journal of Productivity Analysis*, 2014, 42, 339-354
- [31] “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
- [32] “Estimation and Inference Under Economic Restrictions,” with Subal C. Kumbhakar, Christopher F. Parmeter and Kai Sun, *Journal of Productivity Analysis*, 2014, 41, 111-129
- [33] “Does Education Matter for Economic Growth?” with Michael S. Delgado and Christopher F. Parmeter, *Oxford Bulletin of Economics and Statistics*, 2014, 76, 334-359
- [34] “Who Benefits from Financial Development? New Methods, New Evidence,” with Chris Papageorgiou and Christopher F. Parmeter, *European Economic Review*, 2013, 63, 47-67
- [35] “Polarization of the Worldwide Distribution of Productivity,” with Oleg Badunenko and R. Robert Russell, *Journal of Productivity Analysis*, 2013, 40, 153-171 (lead article)
- [36] “A Simple Method to Visualize Results in Nonlinear Regression Models,” with Subal C. Kumbhakar and Christopher F. Parmeter, *Economics Letters*, 2012, 117, 578-581
- [37] “Normal Reference Bandwidths for the General Order, Multivariate Kernel Density Derivative Estimator,” with Christopher F. Parmeter, *Statistics and Probability Letters*, 2012, 82, 2198-2205
- [38] “Canonical Higher-Order Kernels for Density Derivative Estimation,” with Christopher F. Parmeter, *Statistics and Probability Letters*, 2012, 82, 1383-1387
- [39] “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

- [40] “Growth Empirics without Parameters,” with Chris Papageorgiou and Christopher F. Parmeter, *Economic Journal*, 2012, 122, 125-154
- [41] “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
- [42] “Heterogeneity in Schooling Rates of Return,” with Solomon W. Polachek and Le Wang, *Economics of Education Review*, 2011, 30, 1202-1214.
- [43] “Are we Wasting our Children’s Time by Giving them More Homework,” with Ozkan Eren, *Economics of Education Review*, 2011, 30, 950-961
- [44] “Biases in Approximating Log Production,” with Subal C. Kumbhakar and Kai Sun, *Journal of Applied Econometrics*, 2011, 26, 708-714.
- [45] “A Test for Multimodality of Regression Derivatives with an Application to Nonparametric Growth Regressions,” *Journal of Applied Econometrics*, 2010, 25, 458-480
- [46] “A Nonparametric Examination of Capital-Skill Complementarity,” *Oxford Bulletin of Economics and Statistics*, 2009, 71, 519-538
- [47] “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
- [48] “Nonparametric Estimation and Testing of Fixed Effects Panel Data Models,” with Raymond J. Carroll and Qi Li, *Journal of Econometrics*, 2008, 144, 257–275
- [49] “The Impact of Homework on Student Achievement,” with Ozkan Eren, *Econometrics Journal*, 2008, 11, 326-348
- [50] “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
- [51] “Is Gravity Linear?” with Daniel L. Millimet, *Journal of Applied Econometrics*, 2008, 23, 137-172 (lead article)
- [52] “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
- [53] “Testing for (Efficiency) Catching-up,” with Valentin Zelenyuk, *Southern Economic Journal*, 2007, 73, 1003-1019
- [54] “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
- [55] “Nonparametric Estimation of a Hedonic Price Function,” with Subal C. Kumbhakar and Christopher F. Parmeter, *Journal of Applied Econometrics*, 2007, 22, 695-699
- [56] “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
- [57] “Public and Private Capital Productivity Puzzle: A Nonparametric Approach,” with Subal C. Kumbhakar, *Southern Economic Journal*, 2006, 73, 219-232
- [58] “A Nonparametric Random Effects Estimator,” with Aman Ullah, *Economics Letters*, 2005, 88, 403-407
- [59] “Environmental Regulation and U.S. State-Level Production,” with Daniel L. Millimet, *Economics Letters*, 2005, 87, 47-53

- [60] “Human Capital and Convergence: A Production-Frontier Approach,” with R. Robert Russell, *International Economic Review*, 2005, 46, 1167-1205

BOOK CHAPTERS

- [61] “Nonparametric Correlated Random-Effects Models,” with Emma Kate Henry and Alexandra Soberon, in *Seven Decades of Econometrics and Beyond -- A Tribute to the Life and Work of Marc Nerlove*, Badi Baltagi and Laszlo Matyas (Eds.), 2025, 287--305
- [62] “Nonparametric Models with Fixed Effects,” with Alexandra Soberon, in *The Econometrics of Multi-Dimensional Panels – Theory and Applications, Second Edition*, Laszlo Matyas (Ed.), 2024, 2, 285-324
- [63] “A Semiparametric Constant Elasticity of Substitution Stochastic Frontier Model for Panel Data,” with Taining Wang, *Advances in Econometrics*, Christopher F. Parmeter, Mike G. Tsionas, Hung-Jen Wang (Eds.), 2024, 46, 329-370
- [64] “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, 781-815
- [65] “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
- [66] “Nonparametric Estimation in a One-Way Error Component Model: A Monte Carlo Analysis,” with Aman Ullah, in *Statistical Paradigms: Recent Advances and Reconciliations*, Ashis SenGupta, Tapas Samanta and Ayanendranath Basu (Eds.), 2015, 14, 213-238
- [67] “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
- [68] “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
- [69] “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
- [70] “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 Vytlačil (Eds.), 2008, 21, 167-195
- [71] “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

- [1] “Testing for Relevance in Partially Parametric Models with Parametric Nulls,” with Jiancheng Jiang, *Econometrics and Statistics*
- [2] “Joint Estimation and Bandwidth Selection in Partially Parametric Models,” with Nadine McCloud and Christopher F. Parmeter, *Journal of Applied Econometrics*
- [3] “Using Replication to Teach and Understand Econometrics,” with Christopher F. Parmeter

PAPERS UNDER SUBMISSION

- [1] “M-Estimation of a Nonparametric Threshold Regression Model,” with Christopher F. Parmeter, Alexandra Soberon and Liangjun Su
- [2] “Estimation and Inference for Varying Coefficient Multidimensional Fixed-Effects Panel Data Models,” with Christopher F. Parmeter and Alexandra Soberon

WORK IN PROGRESS

- [1] “Testing Differences between Non-Differentiable Distributions,” with Carlos Martins-Filho
- [2] “Varying Coefficient Models with Non-Separable Fixed Effects,” with Mohammed Alzahrani, Alexandra Soberon and Qin Wang
- [3] “Estimation of Functional Coefficient Panel Data Models with Endogenous Selectivity and Fixed-Effects: A Pairwise Approach,” with Juan-Manuel Rodriguez-Poo, Alexandra Soberon and Taining Wang

FUNDED PROJECTS & GRANTS

- [1] Hamrin Foundation Grant, 2023 – 2025
Host: Jönköping University, Jönköping, Sweden
Improving the Swedish Regulatory Model for Electricity Distribution
- [2] Spanish Ministry for Science and Innovation Grant (TED2021-131763A-I00), 2022 – 2024
Host: University of Cantabria, Santander, Spain
Semiparametric Modeling of Environmental Regulation, Competitiveness, and Innovation
- [3] Passau International Center for Advanced Interdisciplinary Studies Fellowship, 2022 – 2023
Host: University of Passau, Passau, Germany
Semiparametric Varying Coefficient Dynamic Fixed-Effects Panel Data Models: With Application to Migration Patterns into Europe
- [4] Individual Development Award (Binghamton University), 2004 – 2005
Host: Catholic University of Louvain, Louvain-la-Neuve, Belgium
Nonparametric Estimation of Time Varying Technical Efficiency
- [5] Delta Sigma Pi Graduate Study Grant, 2000 – 2001
Host: University of California, Riverside

PROFESSIONAL ACTIVITY

Editorial Experience

- [1] Associate Editor, *Journal of Productivity Analysis*, Spring 2022 – Present
- [2] Topic Editor, *Journal of Risk and Financial Management*, Summer 2020 – Present
- [3] Review Board, *Journal of Risk and Financial Management*, Fall 2019 – Present
- [4] Associate Editor, *Economics Bulletin*, Summer 2019 – Present
- [5] Editorial Review Board, *Journal of African Business*, Spring 2017 – Present
- [6] Board of International Referees, *Pakistan Journal of Applied Economics*, Winter 2009 – Present
- [7] Guest Editor, *Journal of Productivity Analysis*, Special Issue “In Honor of R. Robert Russell,” 2024-2025

- [8] Guest Editor, *Journal of Risk and Financial Management*, Special Issue on “Nonparametric Econometric Methods and Application II,” 2020 – 2021

Conference Presentations

- [1] Eastern Economic Association Meetings, New York, NY, 2025
[2] International Conference on Computational and Methodological Statistics, London, England, 2024
[3] Midwest Econometric Group, Lexington, KY, 2024
[4] Society for Economic Measurement Annual Conference, Atlanta, GA, 2024
[5] European Workshop on Efficiency and Productivity Analysis, Faro, Portugal, 2024
[6] Advances in Productivity and Growth Workshop, Palermo, Italy, 2024
[7] Kansas Econometrics Workshop, Lawrence, KS, 2024
[8] African Meeting of the International Society for Efficiency and Productivity Analysis, Sponsored by Jönköping University, 2023 (keynote address)
[9] Southern Economic Association Annual Meeting, New Orleans, LA, 2023
[10] International Conference on Econometrics and Statistics, Tokyo, Japan, 2023
[11] International Panel Data Conference, Amsterdam, Netherlands, 2023
[12] West Indies Economic Conference, Kingston, Jamaica, 2023
[13] International Conference on Computational and Methodological Statistics, London, England, 2022
[14] Meeting of the Economics of Education Association, Porto, Portugal, 2022
[15] European Workshop on Efficiency and Productivity Analysis, Porto, Portugal, 2022
[16] International Association of Applied Econometrics Annual Conference, London, England, 2022
[17] International Conference on Econometrics and Statistics, Kyoto, Japan, 2022
[18] New York Camp Econometrics, Lake Placid, NY, 2022
[19] West Indies Economic Conference, Kingston, Jamaica, 2022
[20] International Conference on Computational and Methodological Statistics, London, England, 2021
[21] Asian Meeting of the Econometric Society, Miri, Malaysia, 2021
[22] International Association for Applied Econometrics Conference, Rotterdam, Netherlands, 2021
[23] North American Summer Meeting of the Econometric Society, Montreal, Canada, 2021
[24] North American Productivity Workshop, Miami, FL, 2021
[25] International Conference on Computational and Methodological Statistics, London, England, 2019
[26] International Chinese Statistical Association Conference, Tianjin, China, 2019
[27] Asian Meeting of the Econometric Society, Xiamen, China, 2019
[28] New York Camp Econometrics, Clayton, NY, 2019
[29] Eastern Economic Association Meetings, New York, NY, 2018
[30] International Conference on Computational and Methodological Statistics, Pisa, Italy, 2018
[31] International Conference on Econometrics and Statistics, Hong Kong, 2018
[32] North American Productivity Workshop, Miami, FL, 2018
[33] West Indies Economic Conference, Kingston, Jamaica, 2018
[34] Eastern Economic Association Meetings, Boston, MA, 2018
[35] International Conference on Computational and Methodological Statistics, London, England, 2017
[36] International Conference on Econometrics and Statistics, Hong Kong, 2017
[37] China Meeting of the Econometric Society, Wuhan, China, 2017
[38] Asian Meeting of the Econometric Society, Hong Kong, 2017
[39] Western Economic Association International Annual Conference, Portland, OR, 2016
[40] International Association for Applied Econometrics Conference, Milan, Italy, 2016
[41] Chinese Economist Society North America Conference, Sacramento, CA, 2016

- [42] Southern Economic Association Annual Meeting, New Orleans, LA, 2015
- [43] European Workshop on Efficiency and Productivity Growth, Helsinki, Finland, 2015
- [44] New York Camp Econometrics, Lake George, NY, 2015
- [45] Advances in Econometrics Conference: In Honor of Aman Ullah, Riverside, CA, 2015
- [46] Eastern Economic Association Meetings, New York, NY, 2015
- [47] Southern Economic Association Annual Meeting, Atlanta, GA, 2014
- [48] TFP: Measurement, Determinants and Effects, Brussels, Belgium, 2014
- [49] Midwest Econometric Group, Iowa City, IA, 2014
- [50] International Association for Applied Econometrics Conference, London, England, 2014
- [51] Econometric Society Summer Meetings, Minneapolis, MN, 2014
- [52] Western Economic Association International Annual Conference, Seattle, WA, 2013
- [53] Rimini Workshop on Developments in Macroeconomics and Growth, Rimini, Italy, 2013
- [54] New York Camp Econometrics, Lake George, NY, 2013
- [55] Society for Nonlinear Dynamics and Econometrics Symposium, Milan, Italy, 2013
- [56] Midwest Econometric Group, Lexington, KY, 2012
- [57] Midwest Econometric Group, Chicago, IL, 2011
- [58] Western Economic Association International Annual Conference, San Diego, CA, 2011
- [59] New York Camp Econometrics, Lake Placid, NY, 2011
- [60] Society for Nonlinear Dynamics and Econometrics Symposium, Washington, DC, 2011
- [61] Southern Economic Association Annual Meeting, Atlanta, GA, 2010
- [62] Econometric Society World Congress, Shanghai, China, 2010
- [63] North American Productivity Workshop, Houston, TX, 2010
- [64] Econometric Society Winter Meetings, Atlanta, GA, 2010
- [65] Midwest Econometric Group, West Lafayette, IN, 2009
- [66] Econometric Society Summer Meetings, Boston, MA, 2009
- [67] IZA/SOLE Transatlantic Meeting of Labor Economists, Ammersee, Germany, 2009
- [68] Southern Economic Association Annual Meeting, Washington, DC, 2008
- [69] Advances in Econometrics Annual Conference, Baton Rouge, LA, 2008
- [70] New York Camp Econometrics, Ithaca, NY, 2008
- [71] Institutional and Social Dynamics of Growth & Distribution, Lucca, Italy, 2007
- [72] Western Economic Association International Annual Conference, Seattle, WA, 2007
- [73] Econometric Society Summer Meetings, Durham, NC, 2007
- [74] Globalization and Its Discontents, Cortland, NY, 2007
- [75] Texas Camp Econometrics, Huntsville, TX, 2006
- [76] New York Camp Econometrics, Saratoga Springs, NY, 2006
- [77] Midwest Econometric Group, Carbondale, IL, 2005
- [78] European Workshop on Efficiency and Productivity Growth, Brussels, Belgium, 2005
- [79] Econometric Society Winter Meetings, Philadelphia, PA, 2005
- [80] North American Productivity Workshop, Toronto, Canada, 2004
- [81] International Panel Data Conference, College Station, TX, 2004
- [82] European Workshop on Efficiency and Productivity Growth, Oviedo, Spain, 2003
- [83] Conference on Aggregation, Efficiency, and Measurement, Riverside, CA, 2003
- [84] All-UC Conference on Convergence and Divergence, Irvine, CA, 2002
- [85] Asia Conference on Efficiency and Productivity Growth, Taipei, Taiwan, 2002
- [86] Western Economic Association International Annual Conference, Seattle, WA, 2002
- [87] Econometric Society Summer Meetings, Los Angeles, CA, 2002

[88] Canadian Economic Association Annual Meeting, Calgary, Canada, 2002

Referee For

Advances in Econometrics, African Journal of Agricultural Research, American Educational Research Association Open, American Journal of Agricultural Economics, Annals of Operations Research, Annals of the Institute of Statistical Mathematics, Applied Economics Letters, Biometrics, Bulletin of Economic Research, Canadian Journal of Economics, Cogent Economics & Finance, Computational Statistics and Data Analysis, Computer Methods and Programs in Biomedicine, Ecological Economics, Econometric Reviews, Econometric Theory, 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, Entropy, European Journal of Finance, European Journal of Operational Research, European Review of Economic History, Frontiers in Nutrition, 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 Business and Economic Studies, 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 Machine Learning Research, 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 the Association of Environmental and Resource Economists, Journal of the Royal Statistical Society, 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, PLOS ONE, 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, Stats, Studies in Nonlinear Dynamics and Econometrics, Sustainability, Symmetry, TEST, World Development Perspectives, World Economy

Invited Seminars

California State University at San Diego, City University of Hong Kong (Management Sciences), Clemson University, Cornell University (Applied Economics and Management), Drexel University, Economics of LGBTQ+ Individuals Virtual Seminar Series, Emory University, ETH Zürich (KOF Swiss Economic Institute), Georgia State University (Risk Management and Insurance), Fordham University, Louisiana State University, Nankai University (Mathematical Sciences), Nanyang Technological University, Sam Houston State University, Singapore Management University, Southern Methodist University, State University of New York at Albany, State University of New York at Binghamton, State University of New York at Binghamton (Finance), State University of New York at Binghamton (Statistics), Syracuse University, Temple University, Texas A&M University, Texas

Christian University, Tulane University, University of Alabama, University of Calgary, University of California, Merced, University of California, Riverside, University of Colorado, University of Cyprus, University of Dayton, University of Houston (joint with Rice University), University of Kansas, University of Macau, University of Mississippi, University of Nevada, Las Vegas, University of North Dakota (Center for Cyber Security/Artificial Intelligence Research), University of Oklahoma, University of Passau (Statistics and Data Analysis), University of Pisa, University of Texas at Dallas, University of Victoria, University of Washington, University of the West Indies at Mona, Utah State University, Virginia Tech University, West Virginia University, Xiamen University

Reviewer For

Cengage, 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, Princeton University Press, Research Grants Council (Hong Kong), Routledge, Social Sciences and Humanities Research Council of Canada, Springer-Verlag, Studies in Nonlinear Dynamics and Econometrics Conference, University of California Press, Worth Publishers, W.W. Norton & Company

AWARDS

- [1] Advances in Econometrics Fellow, 2018
- [2] New York Camp Econometrics Fellow, 2015
- [3] Outstanding Referee – International Economic Review, 2011
- [4] Teaching Assistant of the Year (UC Riverside), 2000 – 2001

TEACHING

Undergraduate

Economic Forecasting
Intermediate Microeconomics
Introductory Econometrics
Labor Economics
Statistics for Economics

Master's

Applied Econometrics
Capstone Project
Economic Forecasting
Introductory Econometrics
Microeconomic Theory

Doctorate

Applied Econometrics

Linear Regression

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, 2020) – University of Alabama
Industrial Firm and Households Responses to Energy Price Changes: Evidence from Energy Subsidy Reform in Iran
Initial Placement: Economist, Economic Development Company of Lancaster County
- [4] Emma Kate Henry (advisor, in progress) – University of Alabama
Nonparametric Correlated Random Effects Models
- [5] Nadine McCloud (co-advisor, 2008) – Binghamton University
Model Misspecification: Tests and Applications
Initial Placement: Assistant Professor (Equivalent), University of the West Indies at Mona
- [6] Natalie Millar (advisor, 2022) – University of Alabama
Factors Determining Academic Success: Nonparametric Analyses of Alabama Community College Students
Initial Placement: Research Fellow, Hoover Institution, Stanford University
- [7] 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
- [8] 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
- [9] Xianghang Shi (advisor, 2009) – Binghamton University
Applied Nonparametric Regression in Economics and Finance
Initial Placement: Statistician, UCLA Center for Health Policy Research

- [10] Alice Sheehan (advisor, 2019) –University of Alabama
Kernel-based Specification Testing with Skewed and Heavy-Tailed Data
Initial Placement: Lecturer, University of New Hampshire
First Permanent Position: Economist, Federal Housing Finance Agency
- [11] Kai Sun (co-advisor, 2011) – Binghamton University
Essays on Non/Semiparametric Models with Microeconomic Applications
Initial Placement: Assistant Professor (Equivalent), Aston Business School
- [12] Anne-Charlotte Souto (advisor, 2019) –University of Alabama
The Distribution of Returns to Education
Culverhouse College Outstanding Dissertation
Initial Placement: Postdoctoral Fellow, University of Pittsburgh
- [13] Huizhen Zhong (advisor, 2021) –University of Alabama
Nonparametric Estimation and Inference in the Presence of Sample Selection Bias in Experimental Economics Studies
Initial Placement: Assistant Professor, South China Agricultural University

Dissertation Committee Member

- [14] Lori Anderson (2011) – Binghamton University
Applications of Health Outcomes and Social Behaviors
- [15] Gabriel Asaftei (2004) – Binghamton University
Essays on Financial Intermediation
- [16] German Blanco (2013) – Binghamton University
Bounds on Average and Quantile Treatment Effects
- [17] Gene Birz (2011) – Binghamton University
Macroeconomic News and Stock Returns
- [18] Tim Haase (2014) – Binghamton University
Essays in Empirical Economics
- [19] Laura Carolevski (2012) – Binghamton University
Inflation Targeting in Developing Countries
- [20] Mia Goodnature (2020) – University of Alabama
Three Essays on the Impact of Demographic and Environmental Changes on Home Sales
- [21] Matthew Hampton (2018) – University of Alabama
Essays on Attention Deficit Hyperactivity Disorder
- [22] William Hankins (2014) – University of Alabama
Three Essays on Distributive Politics: How Legislature Size and Political Alignment Impact the Distribution of Government Spending
- [23] Jared Levant (2014) – University of Alabama
Essays on Yield Curve Models with Markov Switching and Macroeconomic Fundamentals
- [24] Yuan Li (2009) – Binghamton University
The New Development of Econometrics and its Applications in Financial Markets
- [25] Liang Liu (2012) – Binghamton University
Essays on the Econometrics of Production Technology in US Commercial Banking
- [26] Weiwei Liu (2012) – Binghamton University
Essays on Gasoline Demand and Carbon Emissions
- [27] Ya-Pin Lyu (2012) – Binghamton University
Self-Selection or Discrimination: Female Scientists and Occupational Selection

- [28] Emir Malikov (2014) – Binghamton University
Essays on the Economics of Banking and Credit Union Industries
- [29] Nonso Obikili (2013) – Binghamton University
Pre-colonial Experiences and Economic Development of Ethnic Groups in Colonial Africa
- [30] Alexandre Olbrecht (2005) – Binghamton University
The Impacts of Athletic Participation on Earnings and Life Choices
- [31] Biru Paksha Paul (2007) – Binghamton University
Monetary Policy and Business Cycle Transmission from USA to India
- [32] Diego Restrepo Tobón (2013) – Binghamton University
Essays on Profit Efficiency, Scale and Productivity of U.S. Banks
- [33] Esha Sinha (2010) – Binghamton University
Essays on the Economics of Higher Education
- [34] Rewat Thamma-Apiroam (2009) – Binghamton University
Identifying and Estimating Ability from Nonlinear Human Capital Earnings Functions
- [35] Dan Wang (2006) – Binghamton University
Three Essays on Bank Technology, Cost Structure, and Performance
- [36] Liang Xie (2012) – Binghamton University
Three Essays on Econometrics in Capital-Skill Complementarities

Outside Dissertation Committee Member

- [37] Mohammed Alzahrani (2024) – University of Alabama, Applied Statistics
On Dimension Reduction and Variable Selection for High Dimensional Data
- [38] Trevor Collier (2006) – Southern Methodist University, Economics
Essays on the Economics of Education
- [39] Jichang Du (2008) – Binghamton University, Statistics
Covariate-Matched Estimator of the Error Variance in Nonparametric Regression
- [40] Collin Gilstrap (2017) – University of Alabama, Finance
Three Empirical Essays in Finance
- [41] 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
- [42] Jerome Krief (2010) – Louisiana State University, Economics
Kernel Weighted Smooth Maximum Score Estimator for Endogenous Binary Choice Model
- [43] Somali Ghosh (2011) – Binghamton University, Marketing
Suspicion at the Individual and Firm Level
- [44] Shenelle Guscott (in progress) – University of the West Indies, Mona, Economics
On the Causes and Consequences of Banking Crises
- [45] Ming Liu (2011) – Binghamton University, Finance
Two Essays on Market Efficiency and Behavioral Finance
- [46] Ji Luo (2021) – Nankai University, Mathematics
Essays on Average Treatment Effects
- [47] Tung Nguyen (2010) – Binghamton University, Mechanical Engineering
Characterization of Mechanical Properties of Actual Lead-Free Solder Joints using DIC
- [48] Talha Omer (in progress) – Jönköping University, Statistics
Methods and Applications in MIDAS Models

- [49] Vikram Singh (2024) – University of Alabama, Mathematics
Solving Cardinality Constrained Optimization Problems Using the Framework of Interval Branch and Bound
- [50] Le Wang (2006) – Southern Methodist University, Economics
Essays on the Economics of Families
- [51] Qing Xiao (2021) – University of Alabama, Applied Statistics
Semiparametric Approaches for Dimension Reduction through Gradient Descent on Manifold
- [52] Peng Zhang (2010) – Binghamton University, Statistics
Prediction in Heteroskedastic Autoregressive Models

Undergraduate Thesis Advisor

- [53] Pavel Chernyavskiy (2007) – Binghamton University
A Tobit Analysis of NASCAR Expenditures
High Honors in Economics

REFERENCES

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