

Curriculum Vitae
Christopher F. Parmeter
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Professional Preparation

Binghamton University	Economics	Ph.D.	2006
Binghamton University	Economics	M.S.	2003
Nazareth College	Economics, <i>cum laude</i>	B.A.	2001
Nazareth College	Mathematics, <i>cum laude</i>	B.A.	2001

Academic Appointments

PhD Graduate Director	University of Miami, Department of Economics	08/2018-present
Associate Professor	University of Miami, Department of Economics	06/2013-present
Assistant Professor	University of Miami, Department of Economics	08/2010-06/2013
Assistant Professor	Virginia Tech, Dept. of Ag and Applied Economics	08/2006-08/2010

Editorial Positions

Guest Editor	<i>Empirical Economics</i>	02/2015
Guest Editor	<i>Empirical Economics</i>	02/2021
Associate Editor	<i>Empirical Economics</i>	09/2014-present
Associate Editor	<i>American Journal of Agricultural Economics</i>	01/2016-12/2019
Associate Editor	<i>Journal of African Business</i>	11/2015-11/2018
Associate Editor	<i>Journal of Productivity Analysis</i>	07/2017-present
Editorial Council	<i>Journal of the Association of Environmental and Resource Economists</i>	09/2020-present

Conferences Organized

Conference on Auctions and Games	Virginia Tech	10/2007
Miami Workshop on Productivity Analysis	University of Miami	10/2013
IX World Conference of the Spatial Econometrics Association	University of Miami	05/2015
NAPW X	University of Miami	06/2018
AERE Meetings	Miami, FL	06/2021
vNAPW XI	University of Miami	06/2020
NAPW XII	University of Miami	06/2022

Awards and Grants

1. University of Miami ULINK grant: “Plastics as Material Culture: Understanding Disposal, Movement, and Impact in Miami” (Co-PI), January 2020.
2. Fulbright Specialist Grant, Universidad EAFIT, Medellin, Colombia, May 2019.
3. Best Paper Presentation, Miami Business School, Research Cluster Day, 2019.

4. *Advances in Econometrics* Fellow, 2018.
5. Provost's Research Award, School of Business Administration, University of Miami, 2015.
6. Excellence in Teaching Award, School of Business Administration, University of Miami, 2015.
7. National Institute of Health (NIH-NHLBI, 1R21HL097308-01A2), February 2011-July 2012, \$407,586, with Wen You (PI), Kevin J. Boyle and Paul A. Estabrooks.
8. Visiting Scholar, Dipartimento di Studi su Politica Diritto e Società, University of Palermo, December 2010.
9. United States Department of Agriculture-NIFA, September 2009-August 2012, \$122,000, with George Norton.
10. Young Faculty Travel Grant, Symposium on Econometric Theory and Applications, Seoul, South Korea, 2008.
11. Environmental Protection Agency (G2006-STAR-G-1), January 2007-December 2008, \$194,374, with Kevin J. Boyle, Nicolai V. Kuminoff and Jaren C. Pope.
12. Graduate Student Excellence in Research Award (Binghamton University), 2006.

Books

- [1] Subal C. Kumbhakar and Christopher F. Parmeter, *Stochastic Frontier Analysis: A Modern Treatment*, Cambridge University Press, under contract.
- [2] Daniel J. Henderson and Christopher F. Parmeter, 2015. *Applied Nonparametric Econometrics*, Cambridge University Press.

Monographs

- [1] Christopher F. Parmeter and Subal C. Kumbhakar, 2014 "Efficiency Analysis: A Primer on Recent Advances," *Foundations and Trends in Econometrics*, 7 (3-4), 191-385.

Edited Volumes

- [1] Christopher F. Parmeter and Robin C. Sickles, 2020 *Methodological Contributions to the Advancement of Productivity and Efficiency Analysis*, Springer Proceedings in Business and Economics. Springer International Publishing AG, Cham, Switzerland.

Refereed Publications

- [1] Alecos Papadopoulos and Christopher F. Parmeter, "Type II Failure and Specification Testing in the Stochastic Frontier Model," *European Journal of Operational Research*, forthcoming.
- [2] Daniel L. Millimet and Christopher F. Parmeter, "Accounting for Skewed or One-Sided Measurement Error in the Dependent Variable," *Political Analysis*, forthcoming.

- [3] Luke Fitzpatrick and Christopher F. Parmeter, “Data-Driven Estimation of Treatment Buffers in Hedonic Analysis: An Examination of Surface Coal Mines,” *Land Economics*, forthcoming.
- [4] Moh’d Al-Azzam and Christopher F. Parmeter, 2021. “Competition and Microcredit Interest Rates: International Evidence,” *Empirical Economics*, 60 (2), 829-868.
- [5] Nadine McCloud and Christopher F. Parmeter, 2021. “Calculating Degrees of Freedom in Multivariate Local Polynomial Regression,” *Journal of Statistical Planning and Inference*, 210, 141-160.
- [6] Jianhua Zhou, Christopher F. Parmeter and Subal C. Kumbhakar, 2020. “Nonparametric Estimation of the Determinants of Inefficiency in the Presence of Firm Heterogeneity,” *European Journal of Operational Research*, 286 (3), 1142-1152.
- [7] Daniel Felipe Lopez Gomez and Christopher F. Parmeter, 2020. “Smooth Coefficient Estimation of Stochastic Frontier Models,” *Economics Letters*, 192, 109340.
- [8] Moh’d Al-Azzam, Christopher F. Parmeter and Sudipta Sarangi, 2020. “On The Complex Relationship Between Social Capital and Group Loan Repayment,” *Economic Modelling*, 90, 92-107.
- [9] Richard A. Ashley and Christopher F. Parmeter, 2020. “Sensitivity Analysis of an OLS Multiple Regression Inference with Respect to Possible Linear Endogeneity in the Explanatory Variables, for Both Modest and for Extremely Large Samples,” *Econometrics*, 8, 11.
- [10] Shahram Amini and Christopher F. Parmeter, 2020. “A Review of the ‘BMS’ Package for R with Focus on Jointness,” *Econometrics*, 8, 6.
- [11] Nadine McCloud and Christopher F. Parmeter, 2020. “Determining the Number of Effective Parameters in Kernel Density Estimation,” *Computational Statistics & Data Analysis*, 143, 106843.
- [12] Luke Fitzpatrick, Christopher F. Parmeter and Juan Agar, 2019. “Approaches for Visualizing Uncertainty in Benefit Transfer from Meta-regression,” *Ecological Economics*, 164, 106344.
- [13] Christopher F. Parmeter and Valentin Zelenyuk, 2019 “Combining the Virtues of Stochastic Frontier and Data Envelopment Analysis,” *Operations Research*, 67(6), 1628-1658.
- [14] David Bernstein and Christopher F. Parmeter, 2019. “Returns to Scale in Electricity Generation: Replicated and Revisited,” *Energy Economics*, 82, 4-15, lead article.
- [15] Christopher F. Parmeter, Alan T. K. Wan and Xinyu Zhang, 2019. “Model Averaging Estimators for the Stochastic Frontier Model,” *Journal of Productivity Analysis*, 51(2-3), 91-103, lead article.
- [16] Samah Jradi, Christopher F. Parmeter and John Ruggiero, 2019. “Quantile Estimation of the Stochastic Frontier Model,” *Economics Letters*, 182(1), 15-18.

- [17] Mark Andor, Christopher F. Parmeter and Stephan Sommer, 2019. "Combining Uncertainty with Uncertainty to Get Certainty? Efficiency Analysis for Regulation Purposes," *European Journal of Operational Research*, 274(1), 240-252. Second Place in RWI Publication Awards for Outstanding Research.
- [18] Michael Jetter and Christopher F. Parmeter, 2018. "Does Urbanization Mean Bigger Governments?" *Scandinavian Journal of Economics*, 120(4), 1202-1228.
- [19] Michael Jetter and Christopher F. Parmeter, 2018. "Sorting Through Global Corruption Determinants: Institutions and Education Matter - Not Culture," *World Development*, 109, 279-294.
- [20] Michele Battisti, Massimo Del Gatto and Christopher F. Parmeter, 2018. "Labor Productivity Growth: Disentangling Technology and Capital Accumulation," *Journal of Economic Growth*, 23(1), 111-143.
- [21] William C. Horrace and Christopher F. Parmeter, 2018. "A Laplace Stochastic Frontier Model," *Econometric Reviews*, 37(3), 260-280.
- [22] Christopher F. Parmeter, 2018. "Estimation of the Two-Tiered Stochastic Frontier Model With The Scaling Assumption," *Journal of Productivity Analysis*, 49(1), 37-47.
- [23] Daniel J. Henderson and Christopher F. Parmeter, 2017. "Root-n Consistent Density Estimation in Practice," *Journal of Econometric Methods*, 6(1), -.
- [24] Joshua Chan, Daniel J. Henderson, Christopher F. Parmeter and Justin L. Tobias, 2017. "Nonparametric Estimation in Economics: Bayesian and Frequentist Approaches," *Wiley Interdisciplinary Reviews: Computational Statistics*, 1-13.
- [25] Chi-Yang Chu, Daniel J. Henderson and Christopher F. Parmeter, 2017. "On Discrete Epanechnikov Kernel Functions," *Computational Statistics & Data Analysis*, 116, 79-105.
- [26] Mark Andor and Christopher F. Parmeter, 2017. "Pseudolikelihood Estimation of the Stochastic Frontier Model," *Applied Economics*, 49 (55), 5651-5661.
- [27] William C. Horrace and Christopher F. Parmeter, 2017. "Accounting for Multiplicity in Inference on Economics Journal Rankings," *Southern Economic Journal*, 84(1), 337-347.
- [28] Christopher F. Parmeter, Hung-Jen Wang and Subal C. Kumbhakar, 2017. "Nonparametric Estimation of the Determinants of Inefficiency," *Journal of Productivity Analysis*, 47(3), 205-221.
- [29] Shahram Amini, Michele Battisti and Christopher F. Parmeter, 2017. "Decomposing Changes in the Conditional Variance of GDP Over Time," *Economic Modelling*, 61, 376-387.
- [30] Luke Fitzpatrick, Christopher F. Parmeter and Juan Agar, 2017. "Threshold Effects in Meta Analyses with Application to Benefit Transfer for Coral Reef Valuation," *Ecological Economics*, 133(1), 74-85.

- [31] Sapna Kaul, Mark Fluchel, Holly Spraker-Perlman, Christopher F. Parmeter and Anne C. Kirchoff, 2016. "Healthcare Experiences of Long-Term Survivors of Adolescent and Young Adult Cancer," *Supportive Care in Cancer*, 24(9), 3967-3977.
- [32] Daniel J. Henderson and Christopher F. Parmeter, 2016. "Teaching Nonparametric Methods to Undergraduates," *Journal of Econometric Methods*, 5(2), 179-193.
- [33] Richard A. Ashley and Christopher F. Parmeter, 2015. "When is it Justifiable to Ignore Explanatory Variable Endogeneity in a Regression Model?," *Economics Letters*, 137(1), 70-74.
- [34] Richard A. Ashley and Christopher F. Parmeter, 2015. "Sensitivity Analysis for Inference in 2SLS Estimation with Possibly-Flawed Instruments," *Empirical Economics*, 49(4), 1153-1171, lead article.
- [35] Michele Battisti, Michael S. Delgado and Christopher F. Parmeter, 2015. "Evolution of the Global Distribution of Carbon Dioxide: A Finite Mixture Analysis," *Resource and Energy Economics*, 42(1), 31-52.
- [36] Daniel J. Henderson, Subal C. Kumbhakar, Qi Li and Christopher F. Parmeter, 2015. "Smooth Coefficient Estimation of a Seemingly Unrelated Regression," *Journal of Econometrics*, 189(1), 148-162.
- [37] Kyle Hyndman and Christopher F. Parmeter, 2015. "Efficiency or Competition? A Structural Econometric Analysis of Canada's AWS Auction and the Set-Aside Provision," *Production and Operations Management*, 24(5), 821-839.
- [38] Daniel J. Henderson and Christopher F. Parmeter, 2015. "A Consistent Bootstrap Procedure for Nonparametric Tests of Symmetry," *Economics Letters*, 131(1), 78-82.
- [39] Chi-Yang Chu, Daniel J. Henderson and Christopher F. Parmeter, 2015. "Plug-in Bandwidth Selection for Kernel Density Estimation with Discrete Data," *Econometrics*, 3(2), 199-214.
- [40] Ali Hashemi, Wen You, Kevin J. Boyle, Christopher F. Parmeter, Barbara Kanninen and Paul A. Estabrooks, 2015. "Identifying Financial Incentive Designs to Enhance Participation in Weight Loss Programs," *Journal of Obesity and Weight Loss Therapy*, 5(1).
- [41] Michael S. Delgado, Christopher F. Parmeter, Valentina Hartarska and Roy Mersland, 2015. "Should All Microfinance Institutions Mobilize Microsavings? Evidence from Economies of Scope," *Empirical Economics*, 48(1), 93-126.
- [42] Daniel J. Henderson, Qi Li, Christopher F. Parmeter and Shuang Yao, 2015. "Gradient Based Smoothing Parameter Selection for Nonparametric Regression Estimation," *Journal of Econometrics*, 184(2), 233-241.
- [43] Michael Jetter and Christopher F. Parmeter, 2015. "Trade Openness and Bigger Governments: The Role of Country Size Revisited," *European Journal of Political Economy*, 37(1), 49-63.
- [44] Michael S. Delgado and Christopher F. Parmeter, 2014. "A Simple Estimator for Partial Linear Regression with Endogenous Nonparametric Variables," *Economics Letters*, 124(1), 100-103.

- [45] Michael S. Delgado, Daniel J. Henderson and Christopher F. Parmeter, 2014. “Does Education Matter for Economic Growth?” *Oxford Bulletin of Economics and Statistics*, 76(3), 334-359.
- [46] Christopher F. Parmeter, Kai Sun, Daniel J. Henderson and Subal C. Kumbhakar, 2014. “Regression and Inference Under Smoothness Restrictions,” *Journal of Productivity Analysis*, 41(1), 111-129.
- [47] Valentina Hartarska, Roy Mersland, Denis Nadolnyak and Christopher F. Parmeter, 2013. “Governance and Scope Economies in Microfinance Institutions,” *International Journal of Corporate Governance*, 4(1), 74-96.
- [48] Michael S. Delgado and Christopher F. Parmeter, 2013. “Embarrassingly Easy Embarrassingly Parallel Processing in R,” *Journal of Applied Econometrics*, 28, 1224-1230.
- [49] Michael O’Hara and Christopher F. Parmeter, 2013. “Nonparametric Generalized Least Squares in Applied Regression Analysis,” *Pacific Economic Review*, 18(4), 456-474.
- [50] Daniel J. Henderson, Chris Papageorgiou and Christopher F. Parmeter, 2013. “Who Benefits from Financial Development? New Methods, New Evidence,” *European Economic Review*, 63, 47-67.
- [51] Sapna Kaul, Kevin J. Boyle, Nicolai V. Kuminoff, Christopher F. Parmeter and Jaren C. Pope, 2013. “What Can We Learn From Benefit Transfer Errors? Evidence From 20 Years of Research on Convergent Validity,” *Journal of Environmental Economics and Management*, 66(1), 90-104.
- [52] Kevin J. Boyle, Christopher F. Parmeter, Brent Boehlert and Robert Paterson, 2013. “Due Diligence in Meta-Analyses to Support Benefit Transfer,” *Environmental and Resource Economics*, 55(3), 357-386. Nominated for Outstanding Publication in *Environmental and Resource Economics* for year 2013.
- [53] Pang Du, Christopher F. Parmeter and Jeffrey S. Racine, 2013. “Nonparametric Kernel Regression with Multiple Predictors and Multiple Shape Constraints,” *Statistica Sinica*, 23(3), 1343-1372.
- [54] Michele Battisti and Christopher F. Parmeter, 2013. “Clustering and Polarization in the Distribution of Output: A Multivariate Perspective,” *Journal of Macroeconomics*, 35(1), 144-162.
- [55] Subal C. Kumbhakar, Christopher F. Parmeter and Efthymios G. Tsionas, 2013. “A Zero Inefficiency Stochastic Frontier Estimator,” *Journal of Econometrics*, 172(1), 66-76.
- [56] Michele Battisti and Christopher F. Parmeter, 2012. “GDP Clustering: A Reappraisal,” *Economics Letters*, 117(3), 837-840.
- [57] Daniel J. Henderson and Christopher F. Parmeter, 2012. “Normal Reference Bandwidths for the General Order, Multivariate Kernel Density Derivative Estimator,” *Statistics and Probability Letters*, 82(8), 2198-2205 .

- [58] Daniel J. Henderson, Subal C. Kumbhakar and Christopher F. Parmeter, 2012. "A Simple Method to Visualize Results in Nonlinear Regression Models," *Economics Letters*, 117(3), 578-581.
- [59] Shahram Amini and Christopher F. Parmeter, 2012. "Comparisons of Model Averaging Techniques: Assessing Growth Determinants," *Journal of Applied Econometrics*, 27(5), 870-876.
- [60] Daniel J. Henderson and Christopher F. Parmeter, 2012. "Canonical Higher-Order Kernels for Density Derivative Estimation," *Statistics and Probability Letters*, 82(4), 1383-1387.
- [61] Subal C. Kumbhakar, Christopher F. Parmeter and Efthymios G. Tsionas, 2012. "Bayesian Estimation Approaches to First-Price Auctions," *Journal of Econometrics*, 168(1), 47-60.
- [62] Daniel J. Henderson, John A. List, Daniel L. Millimet, Christopher F. Parmeter and Michael K. Price, 2012. "Empirical Implementation of Nonparametric First-Price Auction Models," *Journal of Econometrics*, 168(1), 17-29.
- [63] Daniel J. Henderson, Chris Papageorgiou and Christopher F. Parmeter, 2012. "Growth Empirics without Parameters," *The Economic Journal*, 122 (559), 125-154.
- [64] Shahram Amini and Christopher F. Parmeter, 2011. "Bayesian Model Averaging in R," *Journal of Economic and Social Measurement*, 36(4), 253-287.
- [65] William C. Horrace and Christopher F. Parmeter, 2011. "Semiparametric Deconvolution with Unknown Error Variance," *Journal of Productivity Analysis*, 35(2), 129-141.
- [66] Valentina Hartarska, Christopher F. Parmeter and Denis Nadolnyak, 2011. "Economies of Scope of Lending and Mobilizing Deposits in Microfinance Institutions: A Semiparametric Analysis," *American Journal of Agricultural Economics*, 93(2), 389-398.
- [67] Nicolai Kuminoff, Christopher F. Parmeter and Jaren C. Pope, 2010. "Which Hedonic Models Can We Trust to Recover the Marginal Willingness to Pay for Environmental Amenities?," *Journal of Environmental Economics and Management*, 60(3), 145-160, lead article.
- [68] Valentina Hartarska, Christopher F. Parmeter, Denis Nadolnyak and Beibei Zhu, 2010. "Economies of Scope for Microfinance: Differences Across Output Measures," *Pacific Economic Review*, 15(4), 464-481.
- [69] Gabriel Asaftei and Christopher F. Parmeter, 2010. "Market Power, EU Integration and Privatization: The Case of Romania," *Journal of Comparative Economics*, 38(3), 340-356.
- [70] Subal C. Kumbhakar and Christopher F. Parmeter, 2010. "Estimation of Hedonic Price Functions with Incomplete Information," *Empirical Economics*, 39(1), 1-25, lead article.
- [71] Kevin J. Boyle, Nicolai V. Kuminoff, Christopher F. Parmeter and Jaren C. Pope, 2009. "Necessary Conditions for Valid Benefit Transfers," *American Journal of Agricultural Economics*, 91(5), 1328-1334.
- [72] Subal C. Kumbhakar and Christopher F. Parmeter, 2009. "The Effects of Bargaining on Market Outcomes: Evidence From Buyer and Seller Specific Estimates," *Journal of Productivity Analysis*, 31(1), 1-14, lead article.

- [73] Robert Paterson, Kevin Boyle, Christopher F. Parmeter, James Neumann and Paul De Civita, 2008. "Heterogeneity in Smoker Preferences for Increased Efficacy of Cessation Therapies," *Health Economics*, 17(12), 1363-1377.
- [74] Christopher F. Parmeter, 2008. "The Effect of Measurement Error on the Shape of the World Distribution of Income," *Economics Letters*, 100(3), 373-376.
- [75] Daniel J. Henderson, Christopher F. Parmeter and R. Robert Russell, 2008. "Modes, Weighted Modes, and Calibrated Modes: Evidence of Clustering Using Modality Tests," *Journal of Applied Econometrics*, 23(5), 607-638.
- [76] Christopher F. Parmeter, Daniel J. Henderson and Subal C. Kumbhakar, 2007. "Nonparametric Estimation of a Hedonic Price Function," *Journal of Applied Econometrics*, 22(3), 695-699.

Chapters in Books/Annuals

- [1] Christopher F. Parmeter and Valentina Hartarska, "Performance of Microfinance Institutions: A Review," with Valentina Hartarska. *Handbook of Production Economics*, edited by R. Chambers, S. C. Kumbhakar and S. Ray, Springer, forthcoming.
- [2] Subal C. Kumbhakar, Christopher F. Parmeter and Valentin Zelenyuk, "Stochastic Frontier Analysis: Foundations and Advances I," *Handbook of Production Economics*, edited by R. Chambers, S. C. Kumbhakar and S. Ray, Springer, forthcoming.
- [3] Subal C. Kumbhakar, Christopher F. Parmeter and Valentin Zelenyuk, "Stochastic Frontier Analysis: Foundations and Advances II," *Handbook of Production Economics*, edited by R. Chambers, S. C. Kumbhakar and S. Ray, Springer, forthcoming.
- [4] Christopher F. Parmeter and Jeffrey S. Racine, 2019. "Nonparametric Estimation and Inference for Panel Data Models," *Panel Data Econometrics: Theory and Empirical Applications*, edited by E. G. Tsionas, Elsevier, Chapter 4, 97-130.
- [5] Subal C. Kumbhakar and Christopher F. Parmeter, 2019. "Implementing Generalized Panel Data Stochastic Frontier Estimators," *Panel Data Econometrics: Theory and Empirical Applications*, edited by E. G. Tsionas, Elsevier, Chapter 9, 225-250.
- [6] Kevin J. Boyle and Christopher F. Parmeter, 2017. "Benefits Transfer for Ecosystem Services" *Oxford Research Encyclopedia of Environmental Sciences*, Oxford.
- [7] Daniel J. Henderson and Christopher F. Parmeter, 2016. "Model Averaging over Nonparametric Estimators," *Advances in Econometrics: Essays in Honor of Aman Ullah*, Emerald Group Publishing, Volume 36, edited by G. Gonzalez-Rivera, R. C. Hill and T.-H. Lee, 539-560.
- [8] Kevin J. Boyle, Sapna Kaul and Christopher F. Parmeter, 2015. "Meta-analysis: Econometric Advances and New Perspectives Toward Data Synthesis and Robustness," Chapter 17 in *Benefit Transfer of Environmental and Resource Values: A Guide for Researchers and Practitioners*, edited by R. Johnston, J. Rolfe, R. Rosenberger and R. Brouwer in the Springer *The Economics of Non-Market Goods and Resources*.

- [9] Jeffrey S. Racine and Christopher F. Parmeter, 2013. “Data-Driven Model Evaluation: A Test for Revealed Performance,” *Handbook of Applied Nonparametric and Semiparametric Econometrics and Statistics*, edited by J. S. Racine, L. Su and A. Ullah, Oxford University Press, 308-345.
- [10] Christopher F. Parmeter and Jaren C. Pope, 2013. “Quasi-Experiments and Hedonic Property Value Methods,” *Handbook on Experimental Economics and the Environment*, edited by J. List and M. K. Price, Edgar Elgar, 3-67.
- [11] Shahram Amini, Michael S. Delgado, Daniel J. Henderson and Christopher F. Parmeter, 2012. “Fixed vs. Random: The Hausman Test Four Decades Later,” *Advances in Econometrics: Essays in Honor of Jerry Hausman*, Emerald Group Publishing, Volume 29, edited by B. Baltagi, W. Newey, H. White and C. Hill, 479-513.
- [12] Christopher F. Parmeter and Jeffrey S. Racine, 2012. “Smooth Constrained Frontier Analysis,” *Recent Advances and Future Directions in Causality, Prediction, and Specification Analysis: Essays in Honor of Halbert L. White Jr.*, edited by X. Chen and N. E. Swanson, Chapter 18, 463-489, Springer-Verlag: New York.
- [13] Kevin J. Boyle, Nicolai V. Kuminoff, Christopher F. Parmeter and Jaren C. Pope, 2010. “The Benefit Transfer Challenges,” *Annual Review of Resource Economics*, Vol. 2, 161-182.
- [14] Christopher F. Parmeter, Zhiyuan Zheng and Patrick McCann, 2009. “Cross-validated Bandwidths and Significance Testing,” *Advances in Econometrics: Nonparametric Methods*, Elsevier Science, Volume 25, edited by Q. Li and J. S. Racine, 71-98.
- [15] Daniel J. Henderson and Christopher F. Parmeter, 2009. “Imposing Economic Constraints on Nonparametric Regression: Survey, Implementation and Extensions,” *Advances in Econometrics: Nonparametric Methods*, Elsevier Science, Volume 25, edited by Q. Li and J. S. Racine, 433-469.
- [16] Daniel J. Henderson, Daniel L. Millimet, Christopher F. Parmeter and Le Wang, 2008. “Fertility and the Health of Children: An Application of a Nonparametric Conditional LATE Estimator,” in *Advances in Econometrics: Modelling and Evaluating Treatment Effects in Econometrics*, Vol. 21, edited by D. L. Millimet, J. Smith and E. Vytlačil, 167-195.

Other Publications

- [1] Michael Jetter and Christopher F. Parmeter, 2020. “Reply to “A Replication of “Sorting through global corruption determinants: Institutions and education matter - Not culture” (*World Development*, 2018)” *Public Finance Review*, 48(4), 568-576.
- [2] Subal C. Kumbhakar and Christopher F. Parmeter, 2015. “Introduction,” *Empirical Economics*, 48(1), 1-8.
- [3] Subal C. Kumbhakar[Ⓘ], Emir Malikov[Ⓘ] and Christopher F. Parmeter[Ⓘ], 2021. “Editor’s Introduction,” *Empirical Economics*, forthcoming.

In Submission

- [1] “Quantile Estimation of Stochastic Frontiers with the Normal-Exponential Specification,” with Samah Jradi and John Ruggiero. Under revision for *European Journal of Operational Research*.
- [2] “Modeling Dependence in Two-Tiered Stochastic Frontier Models” with Alecos Papadopoulos and Subal C. Kumbhakar. Under revision at *Journal of Productivity Analysis*.
- [3] “Deconvolution with Laplace Error of Unknown Variance,” with Jun Cai and William C. Horrace. Under revision at *Journal of Productivity Analysis*.
- [4] “COVID-19 Severity: A New Approach to Quantifying Global Cases and Deaths,” with Daniel Millimet.
- [5] “Investment Efficiency and Corporate Social Responsibility,” with Tadesse Engida, Xudong Rao, and Alfons G. J. M. Oude Lansink.
- [6] “On Bayesian Quantile Estimation of the Stochastic Frontier Model,” with David H. Bernstein and Mike G. Tsionas.
- [7] “Fleet Capacity Dynamics in the Gulf of Mexico Red Snapper Fishery: 12 years after the IFQ,” with Juan Agar and William C. Horrace.
- [8] “Proxy Variable Estimation of Random Functions,” with Jerome Kreif. Reject with encouragement to resubmit to *Journal of Econometrics*.

Working Papers/Work in Progress

- [1] “Explaining post-Cold-War civil conflict among 17 billion models: The importance of history and religion,” with Michael Jetter, Rafat Mahmood and Andrés Ramírez-Hassan.
- [2] “The Effect of Community Size on Electoral Preferences: Evidence From Post-WWII Southern Germany,” with Luciana Fiorini, Michael Jetter, and Christopher Parsons.
- [3] “Nonparametric Estimation of Stochastic Frontier Models with Weak Separability,” with Samuele Centorrino.
- [4] “Inference in the Nonparametric Stochastic Frontier Model,” with Léopold Simar, Ingrid Van Keilegom and Valentin Zelenyuk.
- [5] “Penalized Sieve Density Estimation for Zero-Inefficiency Heteroskedastic Frontiers,” with William C. Horrace and Jun Cai.
- [6] “Skilled Biased Technical Change and Misallocation: A Unified Framework,” with Michele Battisti and Massimo Del Gatto.
- [7] “On Shape Constrained Kernel Density Estimation,” with Pang Du and Jeffrey S. Racine.
- [8] “On Quantile Estimation of the Stochastic Frontier Model,” with Ian A. Wright and William C. Horrace.

- [9] “Do Women Make the (MFI’s) World Go Round?” with Valentina Hartarska.
- [10] “The Dos and Don’ts of Quantile Estimation of a Stochastic Frontier Model.”
- [11] “Robust Estimation of the Stochastic Frontier Model,” with David H. Bernstein and Ian A. Wright.
- [12] “Inference in Multidimensional Nonparametric Panel Data Regression Models,” with Daniel J. Henderson and Alexandra Soberón.
- [13] “Identification of the Stochastic Frontier Model,” with Subal C. Kumbhakar and Jianhua Zhou.
- [14] “Two-tiered Stochastic Frontier Analysis with Stata,” with Yujun Lian and Chang Liu.
- [15] “M-Estimation of a Nonparametric Threshold Regression Model,” with Daniel J. Henderson and Liangjun Su.
- [16] “A Partially Parametric Regression Model” with Daniel J. Henderson and Nadine McCloud.
- [17] “Structurally Exploiting Separability in Hedonic Amenity Valuation,” with Michael Delgado and Nicolai Kuminoff.
- [18] “Export Diversification: A Nonparametric Examination” with Chris Papageorgiou.
- [19] “A Nonparametric Conditional Quantile Test for Omitted Variables,” with Zongwu Cai, Michael Delgado and Daniel J. Henderson.

Research Interests

- Applied Nonparametric Econometrics, Hedonic Modeling, Growth Empirics, Efficiency Analysis

Short Courses

Productivity and Efficiency and Analysis	Aalto University	06/2013
Productivity and Efficiency and Analysis	University of Stavanger	06/2013
Parametric Efficiency and Productivity Analysis	Wageningen University	07/2013
Applied Panel Data Analysis	IFPRI/AGRODEP	09/2013
Productivity and Efficiency Analysis	IFPRI/AGRODEP	12/2014
Applied Panel Data Analysis	IFPRI/AGRODEP	03/2015
Productivity and Efficiency Analysis	Universidad Santo Tomas	01/2015
Productivity and Efficiency Analysis	Aalto University	06/2015
Parametric Efficiency and Productivity Analysis	Wageningen University	07/2015
Applied Nonparametric Econometrics	IFPRI/AGRODEP	07/2015
Productivity and Efficiency Analysis	IFPRI/AGRODEP	08/2015
Applied Panel Data Analysis	IFPRI/AGRODEP	09/2015
Applied Nonparametric Econometrics	University of Queensland	09/2015
Parametric Efficiency and Productivity Analysis	Wageningen University	07/2017
Parametric Efficiency and Productivity Analysis	University of Florida	06/2018
Applied Nonparametric Econometrics	Universidad EAFIT	05/2019
Parametric Efficiency and Productivity Analysis	Wageningen University	07/2019

Invited Seminars

1. Universidad de Oviedo, Department of Economics, September 2020.
2. University of Miami, Department of Biostatistics, August 2020.
3. University of Miami, Miami Herbert School of Business, Faculty Colloquium, March 2020.
4. Florida Atlantic University, January, 2020.
5. Fulbright Lecture, Universidad EAFIT, May 2019.
6. Syracuse University, Econometrics Lunch, November 2017.
7. University of Miami, School of Business Administration, Faculty Colloquium, April 2017.
8. University of Miami, Quantitative Ecology and Fisheries Seminar, November 2016.
9. University of Miami, Department of Economics Brown Bag Lunch, October 2016.
10. University of Miami, Department of Biostatistics, October 2015.
11. University of Queensland, School of Economics, October 2015.
12. University of Sydney, Department of Business Analytics, September 2015.
13. Queen's University, Department of Economics, April 2015.
14. University of Sydney, Department of Economics, March 2015.
15. University of North Dakota, Department of Economics, October 2014.
16. Industry Canada, June 2014.
17. Virginia Polytechnic Institute and State University, Department of Applied Economics, March 2014.
18. University of Miami, Department of Finance, March 2014.
19. University of Maastricht, Department of Finance, December 2013.
20. University of Alabama, Department of Economics, November 2013.
21. Clemson University, Department of Economics, August 2013.
22. Michigan State University, Department of Economics, September 2012.
23. West Virginia University, Department of Economics, September 2012.
24. University of Miami, Department of Finance, April 2012.
25. Binghamton University, Department of Economics, April 2012.
26. University of Padua, Department of Economics, March 2012.

27. North Carolina State University, Department of Economics, April 2011.
28. University of Florida, Department of Economics, April 2011.
29. University of Palermo, Dipartimento di Studi su Politica Diritto e Società, December 2010
30. Virginia Tech, Department of Economics, November 2010
31. University of Colorado-Boulder, Applied and Theoretical Econometrics Workshop, November 2010
32. University of Miami, Department of Economics, April 2010
33. Rice University, Department of Economics, January 2010
34. National Taiwan University, Department of Agricultural Economics, Taipei, Taiwan, December 2009
35. University of Nevada, Las Vegas, Department of Economics, November 2009
36. Virginia Tech, Department of Statistics, October 2009
37. Southern Methodist University, Department of Economics, October 2009
38. Environmental Protection Agency, May 2009
39. Oregon State University, Department of Economics, April 2009
40. University of Tennessee, Department of Economics, January 2009
41. Virginia Tech, Department of Economics, November 2008
42. University of Auburn, Department of Agricultural Economics and Rural Sociology, October 2008
43. University of Tennessee, Department of Economics, October 2008
44. Colgate University, Department of Economics, September 2008
45. Virginia Tech, INFORMS Lunch, September 2008
46. Syracuse University, Econometrics Lunch, February 2008
47. LUISS, Department of Economics, December 2007
48. Binghamton University, Department of Economics, December 2007
49. University of Nevada-Reno, Department of Agricultural and Resource Economics, September 2007
50. University of Richmond, Department of Economics, April 2007
51. Virginia Tech, Department of Agricultural and Applied Economics, October 2006

52. Illinois State University, Department of Economics, February 2006
53. Virginia Tech, Department of Agricultural and Applied Economics, February, 2006
54. Oklahoma University, Department of Economics, January 2006
55. University of Nevada-Reno, Department of Economics, January 2006
56. University of Miami-Ohio, Department of Economics, January 2006
57. Syracuse University, Department of Economics, December 2005
58. Southern Methodist University, Department of Economics, October 2005
59. Binghamton University, Department of Statistics, April 2005
60. Binghamton University, Department of Economics, March 2005

Conference Presentations

1. European Workshop on Efficiency and Productivity Analysis, London, United Kingdom, June 2019.
2. 12th Asia-Pacific Productivity Conference, Seoul National University, Seoul, South Korea, July 2018 (Plenary Session).
3. 11th CSDA International Conference on Computational and Financial Econometrics, University of London, UK, December 2017.
4. 15th International Conference on Data Envelopment Analysis, Prague, Czech Republic, June 2017.
5. European Workshop on Efficiency and Productivity Analysis, London, United Kingdom, June 2017.
6. North American Productivity Workshop IX, Quebec City, Canada, June 2016.
7. CEPA Workshop on Economic Measurement, Brisbane, Australia, October 2015 (Keynote).
8. Econometric Society World Congress, Montreal, Canada, August, 2015.
9. LECCEWEPA, Lecce, Italy, June 2015.
10. European Workshop on Efficiency and Productivity Analysis, Helsinki, Finland, June 2015 (Plenary Session).
11. New York Camp Econometrics X, Bolton's Landing, New York, April 2015.
12. 8th CSDA International Conference on Computational and Financial Econometrics, University of Pisa, Italy, December 2014.
13. 84th Annual Meeting of the Southern Economic Association, Atlanta, Georgia, November 2014.

14. INFORMS, San Francisco, California, November 2014.
15. 10th Asia-Pacific Productivity Conference, Brisbane, Australia, July 2014.
16. Australasian Meetings of the Econometric Society, Hobart, Australia, July 2014.
17. North American Productivity Workshop VIII, Ottawa, Canada, June 2014.
18. International Symposium on Econometric Theory and Applications, Taipei, Taiwan, May 2014.
19. New York Camp Econometrics IX, Watkins Glen, New York, April 2014.
20. Miami University Workshop of Efficiency and Productivity Analysis, Miami, Florida, October 2013.
21. European Workshop on Efficiency and Productivity Analysis, Helsinki, Finland, June 2013.
22. Info-Metrics Meeting, Riverside, California, November 2012.
23. Latin American Meetings of the Econometric Society, Lima, Peru, November 2012.
24. Canadian Econometrics Study Group, Kingston, Ontario, Canada, October 2012.
25. Colorado University Environmental and Resource Economics Workshop, Beaver Creek, Colorado, October 2012.
26. North American Productivity Workshop VII, Houston, Texas, June 2012.
27. New York Camp Econometrics VII, Cooperstown, New York, April 2012.
28. 5th CSDA International Conference on Computational and Financial Econometrics, University of London, UK, December 2011.
29. Camp Resources XVIII, Wilmington, North Carolina, August 2011 (Invited to give the learning tutorial).
30. North American Summer Meetings of the Econometric Society, St. Louis, Missouri, June 2011.
31. Biennial Meetings of the Hong Kong Economics Association, Tianjin, China, December 2010.
32. Econometric Society World Congress, Shanghai, China, August 2010.
33. North American Productivity Workshop VI, Houston, Texas, June 2010.
34. III World Conference of the Spatial Econometrics Association, Barcelona, Spain, July 2009.
35. European Workshop on Efficiency and Productivity Analysis, Pisa, Italy, June 2009.
36. North American Meetings of the Econometric Society, Boston, Massachusetts, June 2009.
37. Colorado University Environmental and Resource Economics Workshop, Vail, Colorado, September 2008.

38. European Meetings of the Econometric Society, Milan, Italy, August 2008.
39. Western Economic Association International Annual Conference, Honolulu, Hawaii, July 2008.
40. North American Productivity Workshop V, New York City, New York, June 2008.
41. International Symposium on Econometric Theory and Applications, Seoul, South Korea, May 2008.
42. The Institutional and Social Dynamics of Growth and Distribution, Lucca, Italy, December 2007.
43. European Workshop on Efficiency and Productivity Analysis, Lilles, France, June 2007.
44. Midwestern Econometrics Group, Cincinnati, Ohio, October, 2006.
45. 6th Asia-Pacific Productivity Conference, Seoul, South Korea, August, 2006.
46. North American Productivity Workshop IV, New York City, New York, June 2006.
47. New York Camp Econometrics, Saratoga Springs, New York, February 2006.
48. 4th Annual Advances in Econometrics Conference, Dallas, Texas, October 2005.
49. European Workshop on Efficiency and Productivity Analysis, Brussels, Belgium, July 2005.
50. Canadian Economic Association Annual Meeting, Hamilton, Canada, May 2005.

Professional Membership

- Econometric Society, American Agricultural Economics Association

Refereeing Activities

- Advances in Econometrics, Agricultural Economics, American Journal of Agricultural Economics, Applied Economics, Advances in Statistical Analysis, Cambridge Review of International Affairs, Canadian Journal of Economics, China Economic Review, Communications in Statistics - Simulation and Computation, Communications in Statistics - Theory and Methods, Computational Statistics and Data Analysis, Contemporary Economic Policy, Ecological Economics, Econometric Reviews, Econometric Theory, Econometrics, Econometrics and Statistics, Economic Modelling, Economica, Economies, Empirical Economics, Energy Economics, Energy Journal, European Economic Review, European Journal of Operational Research, European Journal of Political Economy, European Review of Agricultural Economics, Expert Systems with Applications, Finance Research Letters, Financial Innovation, Global Economic Review, International Economic Review, International Journal of Statistics and Management Systems, Israeli Science Foundation, Journal of African Business, Journal of Agricultural Economics, Journal of Agricultural and Applied Economics, Journal of Applied Econometrics, Journal of Applied Mathematics and Decision Sciences, Journal of Banking

and Finance, Journal of Business & Economic Statistics, Journal of Comparative Economics, Journal of Development Economics, Journal of Econometrics, Journal of Econometric Methods, Journal of Economic Growth, Journal of Economic Surveys, Journal of Environmental Economics and Management, Journal of Forecasting, Journal of Housing Economics, Journal of Human Capital, Journal of Macroeconomics, Journal of Planning Education and Research, Journal of Probability and Statistics, Journal of Productivity Analysis, Journal of Regional Science, Journal of Statistical Computation and Simulation, Journal of the Association of Environmental and Resource Economists, Journal of the Operational Research Society, Journal of Urban Economics, Land Use Policy, Letters in Spatial and Resource Sciences, Macroeconomic Dynamics, National Science Foundation, Omega, Operations Research, Oxford Bulletin of Economics and Statistics, Oxford Economic Papers, Pakistan Journal of Applied Economics, Physica A, PLOS ONE, Proceedings of the National Academy of Sciences, Public Finance Review, Quarterly Review of Applied Economics, Regional Science and Urban Economics, Review of Development Economics, Review of Income and Wealth, Small Business Economics Journal, Socio-Economic Planning Sciences, Southern Economic Journal, Statistical Methods and Applications, Sustainability, Symmetry, Technological Forecasting & Social Change, Water Resources Research, World Development

University Administration and Service

1. Department of Agricultural and Applied Economics

- (a) Co-Chair–Seminar Series Committee
- (b) Chair-Compensatory Exam Committee
- (c) Member-Graduate Advisory Committee
- (d) Member-Graduate Program Committee

2. Department of Economics

- (a) Member-Graduate Program Committee
- (b) Member-Job Search Committee

Advising—first placement in parentheses

1. Ph.D.

- (a) Elton Mykerezi – Applied Economics, 2007 (Minnesota)
- (b) Andre Crawford – Economics, 2008 (Ernst & Young)
- (c) Sibel Atsoy – Applied Economics, Co-Chair, 2009
- (d) Alfredo Romero – Economics, 2010 (North Carolina A&T)
- (e) Shahram Amiri – Economics, 2012 (Virginia Tech Finance Ph.D.)
- (f) Shaojuan Liao – Economics, 2012 (Freddie-Mac)
- (g) Zhiyuan Zheng – Economics, Chair, 2011 (UMB Post Doc)

- (h) Sapna Kaul – Applied Economics, 2012
- (i) Yuan Yuan – Applied Economics, 2015
- (j) Huong Nguyen – Economics, Chair, 2015 (University of Utah)
- (k) Luke Fitzpatrick – Economics, 2016 (Ohio University)
- (l) David Fletcher – Economics, 2019 (PWC)
- (m) David Bernstein – Economics, Chair, 2020 ()
- (n) Alma Gracic – Economics, Chair, 2020 ()

2. Masters

- (a) Pilar Jano, 2007 (Wisconsin Ph.D.)
- (b) Katherine Eriksson, Co-Chair, 2007 (UCLA Ph.D.)
- (c) Melanie Victoria, 2007 (Clemson Ph.D.)
- (d) Nilam Prasai, Co-Chair, 2008
- (e) Zhao Sun, Co-Chair, 2008
- (f) Adam Sparger, 2009 (Virginia Tech Ph.D.)
- (g) Emily Starnes, 2017

Teaching

1. Undergraduate

- (a) Introductory Microeconomics
- (b) Contemporary Economic Analysis
- (c) Introduction to Econometrics

2. Graduate

- (a) Mathematical Analysis for Economists
- (b) Empirical Economics
- (c) Microeconometrics
- (d) Nonparametric Econometrics
- (e) Graduate Research Seminar
- (f) Advanced Econometrics
- (g) Nonmarket Valuation