

# Donald J. Lacombe

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## Academic Experience

Associate Professor of Personal Financial Planning, Texas Tech University, September 2016–present.

Associate Professor of Agricultural and Resource Economics and Economics, and Research Associate Professor, Regional Research Institute, West Virginia University 2009–2016.

Associate Professor of Economics, Ohio University, Fall 2007–Spring 2009.

Assistant Professor of Economics, Ohio University, Fall 2001–Fall 2007.

Visiting Assistant Professor of Economics, Trinity University, San Antonio, TX, Fall 2000–Spring 2001.

## Areas of Concentration

Spatial Econometrics, Bayesian Econometrics, Hierarchical Linear Models, Machine Learning/Deep Learning

## Education

Ph.D. Economics, Florida State University, 2000.

B.S. Economics, University of Florida, 1993.

## Refereed Publications

55. “Spatial and temporal spillovers in U.S. cropland values” (with Wesley Burnett and Steve Wallander), *Journal of Agricultural and Resource Economics*, *forthcoming*.
54. “Spillover Effect of Violent Conflict on Food Insecurity in SSA” (with Darren Hudson, Syed Fuad, and Ray March), *Food Policy*, *forthcoming*.
53. “What are the Determinants of Financial Well Being? A Bayesian LASSO Approach” (with Nasima Khatun), *American Journal of Economics and Sociology*, vol. 82, no. 1, January 2023, pp. 43–59.

52. “Retirees, Financial Planning Horizon, and Retirement Satisfaction” (with Blain M. Pearson), *Financial Planning Research Journal*, vol. 8, no. 1, 2022, pp. 26–39.
51. “Bayesian Estimation of the Hierarchical SLX Model with an Application to Housing Markets” (with Joshua Hall, James Young, and Amir Neto), *Journal of Economics and Finance*, vol. 46, no. 2, April 2022, pp. 360–373.
50. “Golf Courses and Home Values in California’s Central Valley” (with Nyakundi Michieka and Yiannis Ampatzidis), *International Journal of Housing Markets and Analysis*, vol. 15, no. 1, January 2022, pp. 247–272.
49. “Does the Degree of Debt Obligations Owed by a State’s Pension Plan Affect a Resident Household’s Utility?” (with Leobardo Diosdado), *Journal of Financial Economic Policy*, vol. 14, no. 1, April 2021, pp. 113–137.
48. “The Relationship Between Home Equity and Retirement Satisfaction” (with Blain Pearson), *Journal of Personal Finance*, vol. 20, no. 1, January 2021, pp. 40–50.
47. “State Exit Exams and Graduation Rates: A Hierarchical SLX Modelling Approach” (with Joshua Hall and ShreeBaba Pokharel), *Review of Regional Studies*, vol. 50, no. 2, April 2020, pp. 189–206.
46. “Economic Freedom and Migration: A Metro Area–Level Analysis” (with Adam Hoffer, Dean Stansel, and Imran Arif), *Southern Economic Journal*, vol. 87, no. 1, July 2020, pp. 170–190.
45. “Income Tax Adoption and Spatial Diffusion” (with Joshua Hall and Maria Tackett), *Atlantic Economic Journal*, vol. 48, no. 2, June 2020, pp. 185–193.
44. “The Residential Solar PV in the Mid-Atlantic: A Spatial Panel Approach” (with Oleg Kucher and Sean Davidson), *International Regional Science Review*, March 2020, pp. 1–27.
43. “Evaluating the Effects of Small Business Administration Lending on Growth” (with Andrew T. Young, Matthew J. Higgins, and Briana Sell–Stenard), *Small Business Economics*, March 2020, pp. 1–23.
42. “Economic Freedom and Income Levels Across U.S. States: A Spatial Panel Data Analysis” (with Joshua Hall and Timothy Shaughnessy), *Contemporary Economic Policy*, vol. 37, no. 1, January 2019, pp. 40–49.
41. “Forecasting China’s Industrial Output using a Spatial Bayesian Vector Autoregressive Model” (with Nyakundi Michieka), *Growth and Change*, vol. 49, no. 4, December 2018, pp. 712–742.
40. “Spatial Spillovers in U.S. Wholesale Gasoline Markets” (with J. Wesley Burnett and Oleg Kucher), *Papers in Regional Science*, vol. 97, no. 3, August 2018, pp. 687–710.

39. “Impact Evaluation of Investments in the Appalachian Region: A Reappraisal” (with Randall Jackson, Gianfranco Piras, and Juan Thomas Sayago–Gomez), *International Regional Science Review*, vol. 41, no. 6, November 2018, pp. 601–629.
38. “Sustainable Technology Adoption: A Spatial Analysis of the Irish Dairy Sector” (with Garth J. Holloway and Doris Laepple), *European Review of Agricultural Economics*, vol. 44, no. 5, December 2017, pp. 810–835.
37. “A Hierarchical SLX Model Application to Violent Crime in Mexico” (with Miguel Flores), *The Annals of Regional Science*, vol. 58, no. 1, January 2017, pp. 119–134.
36. “Excise Tax Setting in a Dynamic Space-Time Framework” (with Adam J. Hoffer), *Public Finance Review*, vol. 45, no. 5, July 2017, pp. 628–646.
35. “Spatial Dependence of Renewable Portfolio Standards and their Effect on Renewable Generation within NERC Regions” (with Eric Bowen), *The Energy Journal*, vol. 38, no. 3, May 2017, pp. 177–193.
34. “Collective Bargaining and School District Test Scores: Evidence from Ohio Bargaining Agreements” (with Joshua Hall and Joylynn Pruitt), *Applied Economics Letters*, vol. 24, no. 1, January 2017, pp. 35–38.
33. “Local and Global Spatial Effects in Hierarchical Models” (with Stuart G. McIntyre), *Applied Economics Letters*, vol. 23, no. 16, November 2016, pp. 1168–1172.
32. “Use and Interpretation of Spatial Autoregressive Probit Models” (with James P. LeSage), *The Annals of Regional Science*, 2015, DOI: 10.1007/s00168-015-0705-x
31. “Corruption and Voter Turnout: A Spatial Econometric Approach” (with Gokhan Karahan, R. Morris Coats, and William F. Shughart II), *Journal of Regional Analysis and Policy*, vol. 46, no. 2, May 2016, pp. 168–185.
30. “Spatial Analysis of Certified Wood Product Use in Commercial LEED Green Building Projects” (with Greg Estep and David DeVallance), *Wood and Fiber Science*, vol. 47, no. 3, July 2015, pp. 270–282. **George G. Marra Award of Excellence, First Place**
29. “Province Level Convergence of China’s Carbon Dioxide Emissions” (with J. Wesley Burnett and Xueting Zhao), *Applied Energy*, vol. 150, July, 2015, pp. 286–295.
28. “Freedom and Entrepreneurship: A Spatial Econometric Approach” (with Joshua Hall and Shreebaba Pokharel), *forthcoming, Journal of Entrepreneurship and Public Policy*, vol. 5, no. 3, November 2016, pp. 404–411.
27. “A Spatial Analysis of Incomes and Institutional Quality: Evidence from US Metropolitan Areas” (with Jamie Bologna and Andrew Young), *Journal of Institutional Economics*, vol. 12, no. 1, March 2016, pp. 191–216.

26. "Trends in NCAA Athletic Spending: Arms Race or Rising Tide?" (with Adam Hoffer, Brad R. Humphreys, and Jane E. Ruseski), *Journal of Sports Economics*, vol. 16, no. 6, July 2015, pp. 576–596.
25. "Using Bayesian Posterior Model Probabilities to Identify Omitted Variables in Spatial Regression Models" (with James P. LeSage), *Papers in Regional Science*, vol. 94, no. 2, June 2015, pp. 365–384.
24. "Using Spatial Econometric Techniques to Analyze the Joint Employment Decisions of Spouses" (with Charlene M. Kalenkoski), *Journal of Labor Research*, vol. 36, no. 1, March 2015, pp. 67–77.
23. "How Large is Congressional Dependence in Agriculture? Bayesian Inference about "Scale" and "Scope" in Measuring a Spatial Externality" (with Garth J. Holloway and Timothy M. Shaughnessy), *Journal of Agricultural Economics*, vol. 65, no. 2, June 2014, pp. 463–484.
22. "Bayesian Estimation of the Spatial Durbin Error Model with an Application to Voter Turnout in the 2004 Presidential Election" (with Garth J. Holloway and Timothy M. Shaughnessy), *International Regional Science Review*, vol. 37, no. 3, July 2014, pp. 294–323.
21. "A Bayesian Spatial Econometric Analysis of the 2010 UK General Election" (with Christa D. Jensen and Stuart G. McIntyre), *Papers in Regional Science*, vol. 92, no. 3, August 2013, pp. 651–666.
20. "Minimum Wages and Teen Employment: A Spatial Panel Approach" (with Charlene M. Kalenkoski), *Papers in Regional Science*, vol. 92, no. 2, June 2013, pp. 407–417.
19. "Accounting for Spatial Autocorrelation in the 2004 Presidential Popular Vote: A Reassessment of the Evidence" (with Wesley Burnett), *Review of Regional Studies*, vol. 42, no. 1, January 2013, pp. 75–89.
18. "A Bayesian Spatial Econometric Analysis of SNAP Participation Rates in Appalachia" (with Nyakundi M. Michieka and Tesfa G. Gebremedhin), *Journal of Regional Analysis and Policy*, vol. 42, no. 3, December 2012, pp. 198–209.
17. "Personal Indebtedness, Spatial Effects and Crime" (with Stuart G. McIntyre), *Economics Letters*, vol. 117, no. 2, November 2012, pp. 455–459.
16. "Organic Certification, Export Market Access and the Impacts of Policy: Bayesian Estimation of Avocado Smallholder Times-to-Organic Certification in Michoacán Mexico" (with Caroline Hattam and Garth J. Holloway), *Agricultural Economics*, vol. 43, no. 4, July 2012, pp. 441–457.
15. "A Note on Partitioning Effects Estimates Over Space" (with Christa D. Jensen), *Letters in Spatial and Resource Sciences*, vol. 5, no. 1, March 2012, pp. 47–53.

14. "On Model Specification and Parameter Space Definitions in Higher Order Spatial Econometric Models" (with J. Paul Elhorst and Gianfranco Piras), *Regional Science and Urban Economics*, vol. 42, no. 1–2, January 2012, pp. 211–220.
13. "Effects of Minimum Wages on Youth Employment: The Importance of Accounting for Spatial Correlation" (with Charlene M. Kalenkoski), *Journal of Labor Research*, vol. 29, no. 4, December 2008, pp. 303–317.
12. "Spatial Econometric Issues for Bio-Economic and Land-Use Modeling" (with Garth J. Holloway and James P. LeSage), *Journal of Agricultural Economics*, vol. 58, no. 3, September 2007, pp. 549–588.
11. "Accounting for Spatial Error Correlation in the 2004 Presidential Popular Vote" (with Timothy M. Shaughnessy), *Public Finance Review*, vol. 35, no. 4, July 2007, pp. 480–499.
10. "Right-to-Work Laws and Manufacturing Employment: The Importance of Spatial Dependence" (with Charlene M. Kalenkoski), *Southern Economic Journal*, vol. 73, no. 2, October 2006, pp. 402–418.
9. "In or Out?: Explaining State Shares of the Tobacco Master Settlement Agreement" (with Harold M. Winter), *International Journal of the Economics of Business*, vol. 11, no. 3, November 2004, pp. 279–285.
8. "Factors Underlying the Growth of Local Government in the 19th Century United States" (with Randall G. Holcombe), *Public Choice*, vol. 120, no. 3–4, September 2004, pp. 359–377.
7. "Using Matched Border Counties for Policy Analysis: The Effects of Entitlement Programs on Female-Headed Households and Female Labor Force Participation" (with Randall G. Holcombe), *Eastern Economic Journal*, vol. 30, no. 3, Summer 2004, pp. 411–425.
6. "The Effect of State Income Taxation on Per Capita Income Growth" (with Randall G. Holcombe), *Public Finance Review*, vol. 32, no. 3, May 2004, pp. 292–312.
5. "Does Econometric Methodology Matter? An Analysis of Public Policy Using Spatial Econometric Techniques", *Geographical Analysis*, vol. 36, no. 2, April 2004, pp 105–118.
4. "A Simple Oligopoly Classroom Experiment" (with Michael P. Ryan), *Classroom Experiments*, vol.12, no. 1, Fall 2003, pp. 1–6.
3. "The Growth of Local Government in the United States from 1820 to 1870" (with Randall G. Holcombe), *Journal of Economic History*, vol. 61, no. 1, March 2001, pp. 184–189.

2. “An Empirical Re-Examination of the Hotelling Valuation Principle” (with Frederick W. Bell, David L. May, and Michael P. Ryan), *Journal of Economic Research*, vol. 5, no. 2, November 2000, pp. 1–15.
1. “Interests versus Ideology in the Ratification of the 16th and 17th Amendments” (with Randall G. Holcombe), *Economics and Politics*, vol. 10, no. 2 July 1998, pp. 143–159.

## Book Chapters

1. “Hierarchical Spatial Econometric Models in Regional Science” (with Stuart G. McIntyre) *Regional Research Frontiers: The Next 50 Years*, eds. Johannes Glaeser, Randall Jackson, and Peter Schaeffer. Springer.

## Other Publications

1. “The Direct and Indirect Effects of Small Business Administration Lending on Growth: Evidence from U.S. County–Level Data” (with Andrew T. Young, Matthew J. Higgins, and Briana Sell), *National Bureau of Economic Research Working Paper Series*, Working Paper 20543, October 2014, <http://www.nber.org/papers/w20543>

## Invited Presentations

1. “An Introduction to Spatial Econometric Techniques with An Application to Hedonic Pricing Models” presented May 8, 2014, Department of Property, University of Auckland, Auckland, New Zealand.
2. “An Introduction to Spatial Econometric Techniques with An Application to Hedonic Pricing Models” presented October 10, 2014, Department of Agricultural and Applied Economics, Texas Tech University.

## Presentations and Workshops

1. “Bayesian Estimation of the Spatially Autocorrelated Random Intercept Model” presented at the 2014 Southern Regional Science Association Meetings, San Antonio, TX, March 27–29, 2014.
2. “Using Bayesian Posterior Model Probabilities to Identify the Spatial Weight Matrix in the Spatial Lag of X (SLX) Model” presented at the 2013 Southern Regional Science Association Meetings, Washington, D.C., April 4–6, 2013.
3. “Minimum Wages and Teen Unemployment: A Spatial Panel Approach” (co-authored with Charlene M. Kalenkoski) presented at the 2012 Southern Regional Science Association Meetings, Charlotte, North Carolina, March 21–25, 2012.

4. “Minimum Wages and Teen Unemployment: A Spatial Panel Approach” (co-authored with Charlene M. Kalenkoski) presented at the 2011 North American Regional Science Council Meetings, Miami, Florida, November 9–12, 2011.
5. “Consumer Residential Choices and Access to Food: Evidence from Morgantown, WV” (co-authored with Nancy Lozano-Gracia and Gianfranco Piras) presented at the 5th World Conference of the Spatial Econometrics Association, Toulouse, France, July 6–8, 2011.
6. “Analyzing Regional Voting Behavior Using Spatial Autoregressive Probit Models” (co-authored with James P. LeSage) presented at the 5th World Conference of the Spatial Econometrics Association, Toulouse, France, July 6–8, 2011.
7. “A Bayesian Spatial Econometric Analysis of the 2010 U.K. General Election” (co-authored with Christa D. Jensen and Stuart G. McIntyre) presented at the Public Choice Society meetings, San Antonio, TX, March 10–13, 2011.
8. “Bayesian Estimation of the Spatial Durbin Error Model with an Application to the 2004 Presidential Election” (co-authored with Garth J. Holloway and Timothy M. Shaughnessy) presented at the 4th World Conference of the Spatial Econometrics Association, Chicago, Illinois, June 9–12, 2010.
9. “The Dual Spatial Autoregressive Probit Model with an Application to the 2001 Congressional Farm Bill” (co-authored with Timothy M. Shaughnessy and Garth J. Holloway) presented at the Regional Research Institute, West Virginia University, Morgantown, West Virginia, March 12th, 2009.
10. “The Dual Spatial Autoregressive Probit Model with an Application to the 2001 Congressional Farm Bill” (co-authored with Timothy M. Shaughnessy and Garth J. Holloway) presented at the Public Choice Society Meetings, Las Vegas, Nevada, March 5–8, 2009. Special session organized by Donald J. Lacombe.
11. “A Spatial Econometric Analysis of Voter Turnout” (co-authored with Timothy M. Shaughnessy) presented at the Public Choice Society Meetings, San Antonio, Texas, March 6–10, 2008. Special Organized Session by Donald J. Lacombe.
12. “Accounting for Spatial Error Correlation in the 2004 Presidential Popular Vote” presented at the Public Choice Society Meetings, New Orleans, Louisiana, March 31 to April 2, 2006.
13. “An Examination of a Congressional Vote Using Bayesian Spatial Probit Techniques” presented at the Public Choice Society Meetings, New Orleans, Louisiana, March 10–13, 2005.
14. “Short Course on Spatial Econometrics” West Virginia University, Morgantown, WV. December 16–19, 2003.

15. “Using Spatial Econometric Techniques for Policy Analysis” presented at the Regional Science Association International Meetings, San Juan, Puerto Rico, November 14–17, 2002.
16. “The Growth of Local Government in the United States from 1820 to 1870” (with Randall G. Holcombe), presented at the Public Choice Society and Economic Science Meetings, San Antonio, TX, March 9–11, 2001.

## Research Grants

Cooperative Agreement, A Bayesian and Spatiotemporal Analysis of Cash Rental Rates, USDA ERS, \$30,000.

Co-Principal Investigator, Ogallala Aquifer Program, USDA-ARS, \$66,977.

Co-Principal Investigator, the West Virginia Early Childhood Obesity Prevention Project, USDA Agricultural and Food Research Initiative (AFRI) Competitive Grants Program Award: \$4,732,961.

Co-Principal Investigator, Appalachian Regional Commission Grant to Study the Effectiveness of ARC Investments, Award: \$300,000.

Co-Principal Investigator, Spatial Analysis and Outreach Strategy Implementation for NRCS Assistance Program in WV, Award \$102,525 (\$52,401 WVU cost share).

## Journal Editorships

Co-Editor, *Papers in Regional Science*, January 2016–January 2019.

## Editorial Board Memberships

Editorial Board Member, *American Journal of Economics and Sociology*, September 2022–present.

Editorial Board Member, *Journal of Financial Economic Policy*, December 2020–present.

Editorial Board Member, *Journal of Geographical Systems*, January 2012–present.

Editorial Board Member, *Review of Regional Studies*, December 2012–present.

## Memberships in Professional Associations

American Statistical Association

American Council on Consumer Interests



## Referee Duties

*American Journal of Economics and Sociology, Southern Economic Journal, International Studies Quarterly, Journal of Policy Analysis and Management, Public Finance Review, Papers in Regional Science, Public Choice, Regional Science and Urban Economics, State and Local Government Review, Journal of Geographical Systems, International Regional Science Review, Journal of Agricultural Economics, Journal of Applied Geography, The Social Science Journal, Population and Environment, Regional Studies, Food Policy, African Journal of Political Science and International Relations, Spatial Economic Analysis, Geographical Analysis, Econometrics, Contemporary Economic Policy, Journal of Regional Analysis and Policy, Sustainability, European Review of Agricultural Economics, MethodsX, Review of the Economics of the Household, Journal of Cleaner Production, Annals of the American Association of Geographers, Journal of Financial Counseling and Planning, International Journal of Geographical Information Science, Political Analysis, Journal of Human Trafficking.*

## Honors and Awards

**President’s Excellence in Teaching Award**, Texas Tech University, April 2023.

**University Professor**, 2007–2008 Academic Year, Ohio University.

**Nominated for University Professor in the Following Years:** 2001–2002, 2002–2003, 2004–2005, and 2005–2006, Ohio University.

**The George G. Marra Award of Excellence, First Place.** Awarded for “Spatial Analysis of Certified Wood Product Use in Commercial LEED Green Building Projects” (with Greg Estep and David DeVallance), *Wood and Fiber Science*.

**Named one of the Top 100 Ranking Authors** in number of articles published in the Top Ten Core Regional Science Journals for the period 2010–2014. Rickman, Dan S. and John V. Winters “Ranking authors and institutions by publications in regional science journals: 2010–2014” <https://ideas.repec.org/p/prs/mprapa/65593.html>.

**Charles E. Rockwood Graduate Student Teaching Award**, Florida State University.

## Teaching Experience

### *Texas Tech University*

PFP 6377: Research Methods I

PFP 6374: Household Economic Theory

PFP 6320: Survey of Statistical Methods

PFP 6315: Regression Methods for Personal Financial Planning

PFP 6310: Statistics for Personal Financial Planning

PFP 5311: Spatial Econometrics

PFP 6305: Introduction to Ph.D. Studies

PFP 5000: Fundamentals of Statistics

PFP 5341: Introduction to Microeconomics

## Department and University Service

Teaching Effectiveness Committee, College of Human Sciences, Texas Tech University

Technology Users Committee, College of Human Sciences, Texas Tech University

Publications Committee, Department of Personal Financial Planning

Qualifying Exam Committee, Department of Personal Financial Planning

Faculty Leave Fellowship Committee, Texas Tech University

## Thesis Committee Memberships—Texas Tech University

### *Personal Financial Planning*

Matthew Jaramillo, Ph.D. Personal Financial Planning, Committee Chair.

Leobardo Diosdado, Ph.D. Personal Financial Planning, Committee Chair.

Johnson Antwi, Ph.D. Personal Financial Planning, Committee Chair.

## Thesis Committee Memberships—West Virginia University

### *Economics*

Amanda Kaler, Ph. D. Economics, Committee Member

Kathleen Sheehan, Ph.D. Economics, Committee Member

Daschle Kelley, Ph.D. Economics, Committee Member

J. Sebastian Leguizamon, Ph.D. Economics, Committee Member

Martin Casto Montero, Ph.D. Economics, Committee Member

Christa D. Jensen, Ph.D. Economics, Committee Member

George W. Crowley, Ph.D. Economics, Committee Member

Hernan Botero, Ph.D. Economics, Committee Member

Hossein Radmard, Ph.D. Economics, Committee Member

Zack Klingensmith, Ph.D. Economics, Committee Member

Eric Bowen, Ph.D. Economics, Committee Member

Kait Harger, Ph.D. Economics, Committee Member

Jamie Bologna, Ph.D. Economics, Committee Member

Juan Tomas Sayago Gomez, Ph.D. Economics, Committee Member

### *Agricultural and Natural Resource Economics*

Brianne Zimmerman, Ph.D. Agricultural Economics, Committee Member

Saima Bashir, Ph. D. Agricultural Economics, Committee Member

David Diaz–Florian, Ph.D. Natural Resource Economics, Committee Member

Sudiksha Joshi, Ph.D. Agricultural Economics, Committee Member

Nyakundi Michieka, Ph.D. Agricultural Economics, Committee Member

Praveena Jayaraman, Ph. D. Agricultural Economics, Committee Member

Oleg Kucher, Ph.D. Agricultural Economics, Committee Member

Chris Shultz, Ph.D. Natural Resource Economics, Committee Member

Priyanjali Sinha, Ph.D. Natural Resource Economics, Committee Member

Seth Wiggins, Ph.D. Natural Resource Economics, Committee Member

Caleb Stair, Ph.D. Natural Resource Economics, Committee Member

Elham Erfanian, Ph.D. Natural Resource Economics, Committee Member

### *Civil Engineering*

Alex Sanchez, Ph.D. Civil Engineering, Committee Member

### *Animal and Nutritional Sciences*

Roanna G. Martin, M.S. Animal and Nutritional Sciences, Committee Member

Anna Z. Scott, M.S. Animal and Nutritional Sciences, Committee Member

### *Outside Committee Memberships*

Michael Shiroya, Ph.D. Agricultural Economics, Texas Tech University, Committee Member