

Stephan D. Whitaker

Curriculum Vitae, Updated December 2020

Regional Analysis and Outreach Group
Research Department
Federal Reserve Bank of Cleveland

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EDUCATION

Ph.D.	University of Chicago	Public Policy	2009
	Dissertation: "Private Activity Municipal Bonds: The Political Economy of Volume Cap Allocation and the Impact on Public-Activity Borrowing."		
	Committee: Robert LaLonde, Bruce Meyer, Christopher Berry.		
M.P.P.	University of Chicago	Public Policy	2005
M.S.	Colorado State University	Statistics	2003
B.A.	Columbia University	Economics	1998

PROFESSIONAL EXPERIENCE

Policy Economist	Research Department, Federal Reserve Bank of Cleveland	2019-Present
Research Economist	Research Department, Federal Reserve Bank of Cleveland	2010-2018
Senior Policy Analyst	Office of Policy Analysis, Federal Reserve Bank of Cleveland	2008-2009
Lieutenant	US Air Force	1999-2003

PUBLICATIONS

Peer-Reviewed Articles

- "Out-migration from and return migration to Puerto Rico after Hurricane Maria: evidence from the consumer credit panel." With Jack DeWaard and Janna E. Johnson. *Population and Environment*, 2020, 42: 28-42.
- "Internal Migration in the United States: A Comprehensive Comparative Assessment of the Utility of the Consumer Credit Panel." With Jack DeWaard and Janna Johnson. *Demographic Research*, 2019, 41: 953-1006.
- "Financial Innovations in Municipal Securities Markets." *Journal of Public Budgeting, Accounting & Financial Management*, 2018, 30(3): 286-314. Selected by editorial board as a Highly Commended Paper, 2019.
- "Induced Earthquakes and House Prices: Evidence from Oklahoma." With Ron Cheung and Daniel Wetherell. *Regional Science and Urban Economics*, 2018, 69: 153-166.
- "Big Data versus a Survey." *Quarterly Review of Economics and Finance*, 2018, 67: 285-296.
- "Predictive Modeling of Surveyed Property Conditions and Vacancy." With Hal Martin, Isaac Oduro, Éamon Johnson, Francisca García-Cobián Richter, and April Hirsh Urban. *Proceedings of the 18th Annual International Conference on Digital Government Research (dg.o '17)*, Charles C. Hinnant and Adegboyega Ojo (Eds.). ACM, New York, 2017, 358-367.

"Can Local Housing Ordinances Prevent Neighborhood Destabilization?" With Thomas J. Fitzpatrick, Lisa A. Nelson, and Francisca G-C Richter. *Housing Policy Debate*, 2016, 26(3): 517-535.

"Land Bank 2.0: An Empirical Evaluation." With Thomas J. Fitzpatrick. *Journal of Regional Science*, 2016, 56(1): 156-175.

"Adjusting the Volume: Private-Activity Municipal Bonds and the Variation in the Volume Cap" *Public Budgeting and Finance*, 2014, 34(1): 39-63.

"Deconstructing Distressed-Property Spillovers: The Effects of Vacant, Tax-Delinquent, and Foreclosed Properties in Housing Submarkets." With Thomas J. Fitzpatrick. *Journal of Housing Economics*, 2013, 22(2): 79-91.

"The Impact of Legalized Abortion on High School Graduation through Selection and Composition." *Economics of Education Review*, 2011, 30(2): 228-246.

"An Effective Method for Selecting the Number of Components in Density Mixtures." With Thomas C. M. Lee. *Journal of Statistical Computation and Simulation*, 2007, 77(10): 907-914.

Under review

"Industrial Composition and Intergenerational Educational Mobility." Federal Reserve Bank of Cleveland, Working Paper WP 15-33R, October 2020.

"User Beware: Concerning Findings from Recent US Internal Revenue Service Migration Data." With Jack DeWaard, Mathew Hauer, Elizabeth Fussell, Katherine J. Curtis, Kathryn McConnell, Kobie Price, and David Egan-Robertson. Revision requested by *Population Research and Policy Review*. November 2020.

Working Papers

"Premium Municipal Bonds and Issuer Fiscal Distress" With O. Emre Ergungor. Federal Reserve Bank of Cleveland, Working Paper WP 15-34, December 2015.

"Household Debt and Local Public Finances" With Chris Cunningham and Ron Cheung. Federal Reserve Bank of Cleveland, Working Paper WP 14-31, December 2014.

"Measures beyond the College Degree Share to Guide Inter-regional Comparisons and Workforce Development." Federal Reserve Bank of Cleveland, Working Paper WP 12-31, November 2012.

"Prioritization in Private-Activity Bond Volume Cap Allocation." Federal Reserve Bank of Cleveland, Working Paper WP 11-10, April 2011.

"A Conference on Consumer Protection in Financial Product Markets." Federal Reserve Bank of Cleveland Policy Discussion Paper, No. 29, May 2010.

CFed District Data Briefs

"Were Fourth District Local Governments Ready for a Recession? How the Great Recession Influenced How Much They Save" With Cornelius Johnson. Federal Reserve Bank of Cleveland, Cfed District Data Briefs, cfddb 20201022, October 2020.

“How Much Help Do State and Local Governments Need? Updated Estimates of Revenue Losses from Pandemic Mitigation.” Federal Reserve Bank of Cleveland, Cfed District Data Briefs, cfddb 20200629, June 2020.

“Estimates of State and Local Government Revenue Losses from Pandemic Mitigation.” Federal Reserve Bank of Cleveland, Cfed District Data Briefs, cfddb 20200513 01, May 2020.

Federal Reserve Bank of Cleveland Economic Commentaries

“12 Facts about Temporary Urbanists.” Federal Reserve Bank of Cleveland, Economic Commentary 2019-07, May 2019.

“Population, Migration, and Generations in Urban Neighborhoods.” Federal Reserve Bank of Cleveland, Economic Commentary 2019-08, May 2019.

“Manufacturing or Degree-Intensive Labor Markets: Where do the Children of Non-College Graduates Earn More Degrees?” Federal Reserve Bank of Cleveland Economic Commentary, 2016-12, October 2016.

“Are Millennials with Student Debt Upwardly Mobile?” Federal Reserve Bank of Cleveland Economic Commentary, 2015-12, October 2015.

“The Evolution of Household Leverage During the Recovery.” Federal Reserve Bank of Cleveland Economic Commentary, 2014-17, September 2014.

“Overvaluing Residential Properties and the Glut of REO.” With Thomas J. Fitzpatrick. Federal Reserve Bank of Cleveland Economic Commentary, 2012-03, March 2012.

“Foreclosure-Related Vacancy Rates.” Federal Reserve Bank of Cleveland Economic Commentary, 2011-12, July 2011.

“Raising the College Degree Share: How Nongraduates Figure Into It.” Federal Reserve Bank of Cleveland Economic Commentary, 2011-10, June 2011.

“Making Financial Markets Safer for Consumers: Lessons from Consumer Goods Markets and Beyond.” With Thomas J. Fitzpatrick and Daniel A. Littman. Forefront, 1:1, December 2009.

Federal Reserve Bank of Cleveland Economic Trends

“Has There Been a Recovery in the US Fertility Rate?” With Daniel Kolliner. Federal Reserve Bank of Cleveland, Economic Trends, August 2015.

“Trends in Energy Production and Prices.” With Christopher Vecchio and Stephan D. Whitaker. Federal Reserve Bank of Cleveland, Economic Trends, March 2015.

“Industries, Job Growth, and Poverty Trends” With Christopher Vecchio and Anne Chen. Federal Reserve Bank of Cleveland, Economic Trends, September 2014.

“Airline Hubs and Air Traffic Trends.” With Christopher Vecchio. Federal Reserve Bank of Cleveland, Economic Trends, March 2014.

“STEM and Healthcare Employment Trends in Ohio, Pennsylvania, Kentucky, and West Virginia.” Christopher Vecchio and Stephan D. Whitaker. Federal Reserve Bank of Cleveland, Economic Trends, September 2013.

- “The Impact of Sequestration on Federal Outlays in Fourth District Metropolitan Areas.” With Christopher Vecchio. Federal Reserve Bank of Cleveland, Economic Trends, March 2013.
- “Exports from the Fourth District States.” With Christopher Vecchio. Federal Reserve Bank of Cleveland, Economic Trends, January 2013.
- “Is the Housing Recovery Finally on a Solid Foundation?” With Christopher Vecchio. Federal Reserve Bank of Cleveland, Economic Trends, October 2012.
- “Municipal Borrowing Trends in the Fourth District” With Andrew Scarponi. Federal Reserve Bank of Cleveland, Economic Trends, August 2012.
- “Regional Differences in Household Income.” With Nelson Oliver. Federal Reserve Bank of Cleveland, Economic Trends, May 2012.
- “Trends in Housing Prices per Square Foot.” Federal Reserve Bank of Cleveland, Economic Trends, January 2012.
- “Local Government Employment in Ohio, Pennsylvania, Kentucky, and West Virginia.” Federal Reserve Bank of Cleveland, Economic Trends, November 2011.
- “Are Underemployed Graduates Displacing Nongraduates?” With Mary Zenker. Federal Reserve Bank of Cleveland, Economic Trends, July 2011.
- “Trends in Office Vacancy Rates.” Federal Reserve Bank of Cleveland, Economic Trends, May 2011.
- “Educational Attainment Trends in the Fourth District.” Federal Reserve Bank of Cleveland, Economic Trends, February 2011.
- “New Residential Construction Activity in Fourth District Metro Areas.” Federal Reserve Bank of Cleveland, Economic Trends, October 2010.
- “State Revenue Declines in the Fourth District.” Federal Reserve Bank of Cleveland, Economic Trends, August 2010.
- “Homeowner and Rental Vacancy Trends in the Fourth District.” With Rob Pitingolo. Federal Reserve Bank of Cleveland, Economic Trends, April 2010.

Grants, Fellowships, Honors and Awards

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| National Science Foundation grant Co-I | 2019-2021 |
| Extreme weather disasters, economic losses via migration, and widening spatial inequality in the U.S. \$308,377. With Elizabeth Fussell, Katherine Curtis, and Jack DeWaard. | |
| Harris Fellowship | 2003 |
| Full tuition scholarship with stipend for the Master of Public Policy program at the Irving B. Harris Graduate School of Public Policy Studies at The University of Chicago. | |
| Air Force Achievement Medal | 2000 |
| For surveying regional lessors, estimating housing costs, and successfully overturning the basic allowance for housing set by the Department of Defense contractor. Travis Air Force Base. | |
| Romaine Prize | 1998 |
| Best Senior Seminar Paper, Department of Economics, Columbia University, | |
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Conference and Seminar Presentations

Association for Public Policy Analysis and Management (Discussant)	2019
System Regional Analysis Conference (Discussant)	
Atlanta Credit Bureau Data Users Conference (Presenter)	
Center for Economic Research and Graduate Education – Economic Institute (Presenter)	2018
Max Planck Institute for Demographic Research (Presenter)	
University of Groningen (Presenter)	
Urban Institute (Presenter)	
Pennsylvania Economic Association (Invited presenter)	
Cleveland State University (Economic Inclusion Research Network, Invited presenter)	
North American Regional Science Conference (Presenter and discussant)	2017
Association for Public Policy Analysis and Management (Session organizer and Presenter)	
18th Annual International Conference on Digital Government Research (Presenter)	
North American Regional Science Conference (Presenter and discussant)	2016
System Regional Analysis Conference (Presenter and discussant)	
International Institute of Public Finance Annual Congress (Presenter and discussant)	
Next Generation of Public Finance, Georgia State University (Presenter)	
Association for Public Policy Analysis and Management (Presenter and discussant)	2015
Oberlin College (Presenter)	
Heidelberg University (Presenter)	
System Applied Micro Conference (Presenter)	2014
International Atlantic Economic Conference (Presenter and discussant)	
Brandeis-Bond Buyer Municipal Finance Conference (Presenter)	
Western Economic Association International Conference (Presenter and discussant)	2013
Solutions 2013 – National Housing Conference (Invited Presenter)	
System Applied Micro Conference (Presenter)	
Association for Public Policy Analysis and Management (Presenter and discussant)	2012
American Real Estate and Urban Economics Association Conference (Discussant)	
Ohio State University (Presenter)	2011
University of Akron (Presenter)	
Cleveland State University (Presenter)	
System Applied Micro Conference (Discussant)	
System Regional Analysis Conference (Discussant)	
Association for Public Policy Analysis and Management Fall Research Conference (Presenter)	2010
System Applied Micro Conference (Presenter)	
System Regional Analysis Conference (Discussant)	
Association for Public Policy Analysis and Management Fall Research Conference (Poster)	2009
Midwest Economic Association Annual Meeting (Discussant)	

Journal Referee

Regional Science and Urban Economics; Economics Bulletin; Economics of Education Review; Demography; Urban Studies; Financial Services Review; Housing Policy Debate; Public Budgeting and Finance; Cities; Urban Affairs Review; Journal of Planning Education and Research; Journal of the Association of Environmental and Resource Economists; Journal of Business Cycle Research; Quantitative Finance and Economics; Public Finance and Management;

Conference Committee

Policy Summit 2019: Connecting People & Places to Opportunity	2019
Policy Summit on Housing, Human Capital, and Inequality	2017
System Applied Microeconomic Conference	2016
Policy Summit on Housing, Human Capital, and Inequality	2015
Policy Summit on Housing, Human Capital, and Inequality	2013
Policy Summit on Housing, Human Capital, and Inequality	2012
Conference on Consumer Protection in Financial Product Markets	2009

Other Service

Comprehensive Capital Analysis and Review (CCAR) Evaluated bank holding company models for stress testing municipal securities portfolios.	2014-2016
Federal Reserve System Model Validation Unit Validated soundness and performance of FRS municipal and sovereign stress test models.	2014-2015
Federal Reserve System's Municipal Financial Monitoring Team (FMT) Developed the joint FRB Cleveland-FRB Atlanta winning proposal to operate the FMT.	2010-2013

Other Research Experience

Evaluation of Illinois Going-Home Prisoner Reentry Program With Robert LaLonde, University of Chicago.	2004-2008
Research support for <i>Fat Politics: The Real Story behind America's Obesity Epidemic</i> With Eric Oliver, University of Chicago.	2004
Computational methods for improving regression estimates in presence of measurement error With Thomas C.M. Lee, Colorado State University.	2003

Teaching Experience (Assistance)

Program Evaluation	with Robert LaLonde and Dan Black	2007, 2008
Microeconomics	with Tomas Philipson	2007
Statistics	with Colm O'Muircheartaigh and Diane Whitmore Schanzenbach	2005, 2006
Organizational Theory	with Boris Shor	2006

All courses were part of the University of Chicago's Master of Public Policy program.

Professional Organizations

Association for Public Policy Analysis and Management, International Institute of Public Finance