

# Alexander W. Richter

Curriculum Vitae: July 2018

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Research Department  
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## Current/Past Positions

Senior Research Economist and Advisor, Federal Reserve Bank of Dallas, April 2018-present  
Senior Research Economist, Federal Reserve Bank of Dallas, May 2016-March 2018  
Adjunct Professor, Department of Economics, Southern Methodist University, Aug. 2017-Dec. 2017  
Assistant Professor, Department of Economics, Auburn University, June 2012-May 2016

## Education

<b>Indiana University</b> Ph.D. Economics	Bloomington, IN April 2012
<b>Indiana University</b> M.A. Economics	Bloomington, IN May 2009
<b>University of Wisconsin - Stevens Point</b> B.S. Economics, Mathematics, Political Science, <i>Summa Cum Laude</i>	Stevens Point, WI May 2007

## Primary Fields of Specialization

Monetary Policy, Fiscal Policy, Computational Economics, Bayesian Econometrics

## Publications

- [1] "Uncertainty Shocks in a Model of Effective Demand: Comment," with Oliver de Groot and Nate Throckmorton, *Econometrica*, 86(4): 1513-1526, July 2018.
- [2] "The Zero Lower Bound and Endogenous Uncertainty," with Mike Plante and Nate Throckmorton, *Economic Journal*, 128(611): 1333-1757, June 2018.
- [3] "Forward Guidance and the State of the Economy," with Ben Keen and Nate Throckmorton, *Economic Inquiry*, 55(4): 1593-1624, October 2017.
- [4] "Is Rotemberg Pricing Justified by Macro Data?" with Nate Throckmorton, *Economics Letters*, 149: 44-48, December 2016.
- [5] "The Consequences of an Unknown Debt Target," with Nate Throckmorton, *European Economic Review*, 78: 76-96, August 2015.
- [6] "The Zero Lower Bound, the Dual Mandate, and Unconventional Dynamics," with Bill Gavin, Ben Keen, and Nate Throckmorton, *Journal of Economic Dynamics and Control*, 55: 14-38, June 2015.
- [7] "Finite Lifetimes, Long-term Debt and the Fiscal Limit," *Journal of Economic Dynamics and Control*, 51: 180-203, February 2015.
- [8] "The Zero Lower Bound: Frequency, Duration, and Numerical Convergence," with Nate Throckmorton, *B.E. Journal of Macroeconomics: Contributions*, 15(1): 157-182, January 2015.
- [9] "Accuracy, Speed and Robustness of Policy Function Iteration," with Nate Throckmorton and Todd Walker, *Computational Economics*, 44(4): 445-476, December 2014.
- [10] "Quantitative Effects of Fiscal Foresight," with Eric Leeper and Todd Walker, *American Economic Journal: Economic Policy*, 4(2): 115-144, May 2012.

## Working Papers

- [1] “Valuation Risk Revalued,” with Oliver de Groot and Nate Throckmorton
- [2] “The Accuracy of Linear and Nonlinear Estimation in the Presence of the Zero Lower Bound,” with Tyler Atkinson and Nate Throckmorton
- [3] “A New Way to Quantify the Effect of Uncertainty,” with Nate Throckmorton
- [4] “Are Nonlinear Methods Necessary at the Zero Lower Bound?,” with Nate Throckmorton
- [5] “A Case for Credit Easing at the Zero Lower Bound?,” with Nate Throckmorton
- [6] “Income Inequality and Current Account Imbalances,” with Michael Kumhof, Claire Lebarz, Romain Ranciere, and Nate Throckmorton

## Other Publications

- [1] “Declining U.S. Labor Force Participation Rates Stand Out,” with Daniel Chapman and Emil Mihaylov, *Economic Letter*, 13(6), April 2018
- [2] “Fed’s Effective Lower Bound Constraint on Monetary Policy Created Uncertainty,” with Mike Plante and Nate Throckmorton, *Economic Letter*, 12(11), November 2017
- [3] “Using Flexible Busing to Meet Average Class Size Targets,” with Andy Felt and Ryan Koelemay, *Planning and Changing*, 39(3/4): 158-167, Fall 2008

## Teaching Experience

### Graduate Level

Mathematical Economics, Southern Methodist University, Fall 2017  
Macroeconomic Theory II, Auburn University, Spring 2013, Spring 2014, Spring 2015  
Mathematical Economics, Auburn University, Fall 2012, Fall 2013, Fall 2014  
Computational Macroeconomics, Fall 2014  
Math Camp, Indiana University, Summer 2009, Summer 2010, Summer 2011

### Undergraduate Level

Intermediate Macroeconomics, Auburn University, Fall 2012-Spring 2016 (8 semesters)  
Introductory Macroeconomics, Auburn University, Summer 2012, Summer 2013, Spring 2016  
Intermediate Macroeconomics, Indiana University, Summer 2009, Summer 2010  
Introductory Microeconomics, Indiana University, Spring 2009

## Professional Experience

Discussant, “A Shadow Rate New Keynesian Model,” by Cynthia Wu and Ji Zhang, Jan. 2018, American Economic Association Meeting  
Mini-course, “An Introduction to Nonlinear Solution and Estimation Techniques,” Federal Reserve Bank of Dallas, Oct. 2017, University of Kansas, May 2017, University of Texas-Austin, Oct. 2016  
Mini-course, “Policy Function Iteration, MEX and Parallel Processing,” Vanderbilt, Mar. 2015, Oct. 2015  
Mini-course, “Global Solution Techniques in DSGE Models,” Deutsche Bundesbank, Dec. 2014  
Invited speaker, “Forward Guidance in U.S. Monetary Policy,” Wits Business School, Aug. 2014  
Visiting scholar, Federal Reserve Bank of St. Louis, July 2013, Dec. 2013  
Research Assistant, Eric Leeper, Todd Walker, George von Furstenberg, May 2010-July 2011  
Research Assistant, Central Wisconsin Economic Research Bureau, Jan. 2005-July 2007

## Seminars and Conferences

- 2018** Texas A&M University, International Association of Applied Econometrics Annual Conference, University of Bonn, Deutsche Bundesbank, West Virginia University
- 2017** Latin American Meeting of the Econometric Society, NBER Workshop on Methods and Applications for DSGE Models, St Andrews Workshop on Time-Varying Uncertainty in Macro, Money, Macro and Finance Research Group Annual Conference, University of Kansas, Society for Nonlinear Dynamics and Econometrics Symposium, University of Houston
- 2016** System Committee on Macroeconomics (Cincinnati), Economic Research in High Performance Computing Workshop, Midwest Macroeconomics Meetings (Fall), University of Texas-Austin
- 2015** University of Kentucky, University of Iowa, Vanderbilt University, University of Kansas
- 2014** CESifo Conference on Macroeconomics and Survey Data, Southern Economic Association Meetings, Canadian Macroeconomics Study Group, Western Economic Association Meetings, Computing in Economics and Finance Conference, Midwest Macroeconomics Meetings (Spring), Midwest Economic Association Meetings, Federal Reserve Bank of Dallas
- 2013** Southern Economic Association Meetings, Auburn University, University of Oklahoma, IMF Workshop on Markov Switching Modeling, Computing in Economics and Finance Conference, Midwest Macroeconomics Meetings (Spring), Midwest Economic Association Meetings
- 2012** Midwest Economic Association Meetings, American Economic Association Meetings, Auburn University, University of Manitoba, Monash University, Carlton University, McMaster University, Bates College, University of Amsterdam School of Economics
- 2011** Reserve Bank of Australia Quantitative Macro Workshop, University of Glasgow, Washington University Graduate Student Conference, Midwest Macroeconomics Meetings

## Media

- [1] LSE Business Review, “When interest rates hit the zero lower bound: a discussion on uncertainty,” March 2018, <http://blogs.lse.ac.uk/businessreview/category/authors/alexander-richter/>
- [2] Chicago Booth Review, “Have central bankers lost their power?,” May 2017, <http://review.chicagobooth.edu/public-policy/2017/article/have-central-bankers-lost-their-power>
- [3] Interview, Rick Santelli, CNBC’s Squawk on the Street, June 2014, <http://video.cnbc.com/gallery/?video=3000284227>
- [4] Interview, Wall Street Journal, June 2014, <http://blogs.wsj.com/economics/2014/06/03/interest-rates-at-zero-may-link-uncertainty-with-slower-u-s-growth-dallas-fed-paper/>

## Referee Service

Referee, *B.E. Journal of Macroeconomics*, *Computational Economics*, *Computational Optimization in Economics and Finance*, *Contemporary Economic Policy*, *Economic Inquiry*, *Economic Journal*, *Economic Letters*, *Economic Theory*, *Empirical Economics*, *European Economic Review*, *Fiscal Studies*, *Handbook on Computational Economics & Finance*, *International Economic Review*, *Journal of Applied Econometrics*, *Journal of Economic Dynamics and Control*, *Journal of Economic Behavior and Organization*, *Journal of Financial Stability*, *Journal of Macroeconomics*, *Journal of Monetary Economics*, *Journal of Money, Credit and Banking*, *Macroeconomic Dynamics*, *Oxford Economic Papers*, *Public Finance Review*, *Quantitative Economics*, *Quarterly Review of Economics and Finance*, *Review of International Economics*, *International Journal of Central Banking*, *Scottish Journal of Political Economy*

Book review, *Macroeconomic Models*, Dirk Niepelt, MIT Press, May 2016

Book review, *Mathematics for Economists with Applications*, James Bergin, Routledge, August 2012

Book review, *Macroeconomics, 2nd edition*, Charles I. Jones, W. W. Norton, May 2012