



# Adam Check

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## CONTACT INFORMATION

Department of Economics  
Mail 5029  
2115 Summit Avenue  
St. Paul, MN 55105

ajc[at]stthomas.edu  
610-564-5810  
adamjcheck.com

## POSITIONS

**University of St. Thomas**, St. Paul, MN

Assistant Professor, 2016-present

## EDUCATION

**University of Oregon**, Eugene, OR

Ph.D., Economics, 2016

- Dissertation Title: *Regime Switching and the Monetary Economy*
- Committee: Jeremy Piger (Chair), Bruce McGough, George Evans

M.S., Economics, 2012

**Temple University**, Philadelphia, PA

B.B.A., Economics, 2010

- Business Honors Program
- *Summa Cum Laude*

## RESEARCH INTERESTS

Bayesian Econometrics, Time Series Econometrics, Macroeconomics

## PUBLICATIONS

**Forecasting GDP: Do Revisions Matter?**

with Anna Nolan and Tyler Schipper

*Economics Bulletin*, 2019, vol. 39, issue 4, 2580-2588

**Structural Breaks in U.S. Macroeconomic Time Series: A Bayesian Model Averaging Approach**

with Jeremy Piger

Forthcoming at the *Journal of Money, Credit, and Banking*

**Estimating the FOMC's Interest Rate Rule with Variable Selection and Partial Regime Switching**

Forthcoming at *Macroeconomic Dynamics*

WORKING PAPERS	<b>Unit Roots in Macroeconomic Time Series: A Comparison of Classical, Bayesian and Machine Learning Approaches</b>	
	with Yamin Ahmad and Ming Chien Lo	
	<i>Under Review at Studies in Nonlinear Dynamics &amp; Econometrics</i>	
	<b>Interest Rate Rules in Practice — the Taylor Rule or a Tailor-Made Rule?</b>	
	<b>Detection of Outliers and Structural Breaks in Time Series Data: Indicator Saturation or BMA?</b>	
	with Jeremy Piger and Peter Sullivan	
	<b>Informational Content of Disaggregated GDP Revisions</b>	
	with Tyler Schipper	
	<b>What Predicts Informality?: A Bayesian Model Averaging Approach</b>	
	with Tyler Schipper	
TEACHING EXPERIENCE	<b>Instructor, University of St. Thomas</b>	2016-present
	EC 351: Macroeconomic Theory (Spring ‘19, ‘20)	
	EC 311: Forecasting (Spring ‘17; Fall ‘17, ‘18, ‘19; January ‘18)	
	EC 251: Principles of Macroeconomics (Fall ‘16, ‘17, ‘19; Spring ‘17, ‘18, ‘19, ‘20)	
	<b>Instructor, University of Oregon</b>	2013-2016
	EC 313: Intermediate Macroeconomics (Fall 2014)	
	EC 370: Money and Banking (Summer 2013, Winter 2014, Summer 2014, Winter 2015, Winter 2016)	
	<b>Discussion Leader, University of Oregon</b>	2012-2014
	EC 202: Introduction to Economic Analysis, Macro (Winter 2012)	
	EC 424/524: Econometrics II (Winter 2013)	
	EC 425/525: Econometrics III (Spring 2014)	
HONORS, AWARDS, AND FELLOWSHIPS	Kleinsorge Summer Research Award, University of Oregon	2015
	Graduate Teaching Fellow Outstanding Teaching Award	2015
	<i>Awarded by the University of Oregon Economics Department for excellence in teaching.</i>	
	Graduate Teaching Fellowship, University of Oregon	2012-present
	Economics Award, Temple University	2010
	<i>Awarded to the economics student graduating with</i>	

*the highest GPA.*

Temple Scholar Award, Temple University

2006-2010

PRESENTATIONS

The Society for Economic Measurement Conference

August, 2020

Accepted for presentation, but conference cancelled due to COVID-19 pandemic.

*Informational Content of Disaggregated GDP Revisions*

Banff, Canada

The Society for Nonlinear Dynamics and Econometrics Conference March, 2020

Accepted for presentation, but unable to attend due to COVID-19 pandemic.

*Detection of Outliers and Structural Breaks in Time Series Data: Indicator Saturation or BMA?*

Zagreb, Croatia

Liberal Arts Macro Conference

August, 2019

*Estimating a Taylor Rule with Variable Selection and Partial Regime Switching*

St. Paul, MN

Midwest Economics Research Group

August, 2019

Conference Host

*Estimating a Taylor Rule with Variable Selection and Partial Regime Switching*

Minneapolis, MN

Georgetown Biennial Conference

May, 2019

*Unit Root Tests and Machine Learning*

Georgetown, DC

The Society for Nonlinear Dynamics and Econometrics Conference March, 2019

*Unit Root Tests and Machine Learning*

Dallas, TX

Economic Outlook Event at Normandale Community College

October, 2018

*Bayesian Forecasting Methods*

Bloomington, MN

Midwest Economics Research Group

August, 2018

*Structural Breaks in U.S. Macroeconomic Time Series: A Bayesian Model*

*Averaging Approach*

La Crosse, WI

Western Economic Association

June, 2018

*Structural Breaks in U.S. Macroeconomic Time Series: A Bayesian Model*

*Averaging Approach*

Vancouver, BC, Canada

Western Economic Association	June, 2017
<i>Estimating the FOMC's Interest Rate Rule: A Markov-Switching Stochastic Search Variable Selection Approach</i>	
San Diego, CA	
Midwest Economic Association	March, 2017
<i>Estimating the FOMC's Interest Rate Rule: A Markov-Switching Stochastic Search Variable Selection Approach</i>	
Cincinnati, OH	
Midwest Applied Time Series Econometrics Group Meeting	August, 2016
<i>Estimating the FOMC's Interest Rate Rule: A Markov-Switching Stochastic Search Variable Selection Approach</i>	
Minneapolis, MN	
Western Social Science Association	April, 2015
Portland, OR	
University of Oregon Macro Group	2012-2016
<a href="http://blogs.uoregon.edu/macrogroup/">http://blogs.uoregon.edu/macrogroup/</a>	

#### PROGRAMMING LANGUAGES

- Julia
  - This is the main language I have used for the working papers listed above.
  - Most of my time-series work is done from scratch, e.g. I write my own Kalman filters, Bayesian estimation routines, etc.
  - Have used since version 0.2, roughly 5 years.
- R
  - Primarily used for teaching ECON 311 (forecasting) at St. Thomas.
  - Familiar with all functions in the “fpp2” forecasting package and have used ggplot2 for time-series graphics.
- Matlab
  - Used extensively from 2011-2015.
  - My early research and much of my graduate coursework was done in Matlab.
- Mathematica, Python, Stata
  - Limited experience.