# Adam Check

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| CONTACT INFORMATION | Department of Economics<br>Mail 5029<br>2115 Summit Avenue<br>St. Paul, MN 55105 | ajc[at]stthomas.edu<br>610-564-5810<br>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

Applied Bayesian and Time-Series Econometrics, Monetary Policy, 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
*Journal of Money, Credit, and Banking*, 2021, vol. 53(8), 1999-2036.

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

**Unit Roots in Macroeconomic Time Series: A Comparison of Classical, Bayesian and Machine Learning Approaches**
> with Yamin Ahmad and Ming Chien Lo
> *Under Review*

**Are Unit Root Tests Useful for Univariate Time Series Forecasts?**
> with Ming Chien Lo and Kwok Ping Tsang
> *Under Review*

**Interest Rate Rules in Practice — the Taylor Rule or a Tailor-Made Rule?**

**Structural Breaks in Macroeconomic Time Series: A Comparison of Classical, Bayesian and Machine Learning Approaches**
> with Yamin Ahmad and Ming Chien Lo

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

**Informational Content of Disaggregated GDP Revisions**
> with Tyler Schipper

**What Predicts Informality?: A Bayesian Model Averaging Approach**
> with Tyler Schipper

**Instructor, University of St. Thomas**                                    2016-present
> EC 351: Macroeconomic Theory (Spring '19, '20)
> EC 311: Forecasting (Spring '17, '21, '22; Fall '17, '18, '19, '21; January '18, '22; Summer '21)
> EC 251: Principles of Macroeconomics (Fall '16, '17, '19, '20, '21; Spring '17, '18, '19, '20, '21, '22)

**Instructor, University of Oregon**                                    2013-2016
> EC 313: Intermediate Macroeconomics (Fall '14)
> EC 370: Money and Banking (Summer '13; Winter '14, '15, '16; Summer '14)

**Discussion Leader, University of Oregon**                                    2012–14
> EC 202: Introduction to Economic Analysis, Macro (Winter 2012)
> EC 424/524: Econometrics II (Winter 2013)
> EC 425/525: Econometrics III (Spring 2014)

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| Honors, Awards, and Fellowships | Research Grant, University of St. Thomas, *Awarded by St. Thomas Faculty Development to pursue research on monetary policy* | 2020 |
| | Partnership-in-Learning Grant, University of St. Thomas *Awarded by St. Thomas Faculty Development to incorporate students into existing scholarly agenda* | 2019 |
| | Kleinsorge Summer Research Award, University of Oregon | 2015 |
| | Graduate Teaching Fellow Outstanding Teaching Award *Awarded by the University of Oregon Economics Department for excellence in teaching.* | 2015 |
| | Graduate Teaching Fellowship, University of Oregon | 2012-present |
| | Economics Award, Temple University *Awarded to the economics student graduating with the highest GPA.* | 2010 |
| | Temple Scholar Award, Temple University | 2006-2010 |

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| Presentations | The Society for Economic Measurement Conference Accepted for presentation, but conference cancelled due to COVID-19 pandemic. *Informational Content of Disaggregated GDP Revisions* Banff, Canada | August, 2020 |
| | 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 *Estimating a Taylor Rule with Variable Selection and Partial Regime Switching* St. Paul, MN | August, 2019 |
| | Midwest Economics Research Group Conference Host *Estimating a Taylor Rule with Variable Selection and Partial Regime Switching* Minneapolis, MN | August, 2019 |
| | Georgetown Biennial Conference *Unit Root Tests and Machine Learning* Georgetown, DC | May, 2019 |

The Society for Nonlinear Dynamics and Econometrics Conference March, 2019
  *Unit Root Tests and Machine Learning*
  Dallas, TX

Seminar at Macalester College                                    March, 2019
  *"Structural Breaks in U.S. Macroeconomic Time Series: A Bayesian Model Averaging Approach"*
  St. Paul, MN

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
  *Estimating the FOMC's Interest Rate Rule: A Markov-Switching Stochastic Search Variable Selection Approach*
  San Diego, CA

Midwest Economic Association                                    March, 2017
  *Estimating the FOMC's Interest Rate Rule: A Markov-Switching Stochastic Search Variable Selection Approach*
  Cincinnati, OH

Midwest Applied Time Series Econometrics Group Meeting      August, 2016
  *Estimating the FOMC's Interest Rate Rule: A Markov-Switching Stochastic Search Variable Selection Approach*
  Minneapolis, MN

Western Social Science Association                              April, 2015
  Portland, OR

University of Oregon Macro Group                                2012-2016
  http://blogs.uoregon.edu/macrogroup/

PROFESSIONAL     Organizer and Co-host (with Tyler Schipper) of Midwest Economics Research
ACTIVITIES       Group (MERG) Conference

                 University of St. Thomas, 2019

REFEREE
*Computational Economics; Contemporary Economic Policy; Entrepreneurial Business and Economics Review; International Review of Economics and Finance; Journal of Economic Education; Studies in Nonlinear Dynamics and Econometrics; The Energy Journal*

PROGRAMMING LANGUAGES

Julia

Main language used for the publications and working papers listed above.

Used since 2014.

R

Primarily used for teaching ECON 311 (forecasting) at St. Thomas.

Matlab

Used extensively from 2011-2015.

My early research and much of my graduate coursework was done in Matlab.

Mathematica, Python, Stata

Limited experience.