Adam Check

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

WORKING PAPERS

Structural Breaks in U.S. Macroeconomic Time Series: A Bayesian Model Averaging Approach
with Jeremy Piger
Revise and Resubmit at the Journal of Money, Credit, and Banking

Estimating a Taylor Rule with Variable Selection and Partial Regime Switching
Revise and Resubmit 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 at The Review of Economics and Statistics*

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

Detection of Outliers and Structural Breaks in Time Series Data: Indicator Saturation or BMA?
>with Jeremy Piger and Peter Sullivan

Informational Content of Disaggregated GDP Revisions
>with Tyler Schipper

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

TEACHING EXPERIENCE	**Instructor, University of St. Thomas**	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)

Instructor, University of Oregon 2013-2016
EC 313: Intermediate Macroeconomics (Fall 2014)
EC 370: Money and Banking (Summer 2013, Winter 2014, Summer 2014, Winter 2015, Winter 2016)

Discussion Leader, University of Oregon 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
>*Awarded by the University of Oregon Economics Department for excellence in teaching.*

Graduate Teaching Fellowship, University of Oregon 2012-present

Economics Award, Temple University 2010
>*Awarded to the economics student graduating with*

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
   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/

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

  - Limited experience.

- Python

  - Limited experience.

- STATA
  - Limited experience.