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Contact Information

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 Citizenship: Hungary

Fields

Research: Macroeconomics
 Teaching: Macroeconomics, Computational Methods, Labor Economics

Education

Ph.D., Economics, Northwestern University (anticipated) 2021
 Dissertation: Essays in Macroeconomics with Household Heterogeneity
 Committee: Martin Eichenbaum (Chair), Matthias Doepke, Matthew Rognlie
 M.Sc., Economics, Institute for Advanced Studies and Vienna University of Technology 2015
 B.Sc., Economic Analysis, Corvinus University of Budapest 2012

Fellowships & Awards

Dissertation Fellowship, Northwestern University 2020–2021
 University Fellowship, Northwestern University 2015–2016
 First Year Excellence Award, Institute for Advanced Studies 2014
 Szép Jenő Award, Dept. of Mathematics, Corvinus University of Budapest 2014

Teaching Experience

Teaching Assistant, Northwestern University 2016–2019
 Advanced Workshop for Central Bankers (postgraduate: solving DSGE models)
 Intermediate Macroeconomics (undergraduate)
 Introduction to Macroeconomics (undergraduate)
 Teaching Assistant, Institute for Advanced Studies 2014–2015
 Macroeconomics (graduate: search and matching, growth theory)
 Econometrics (graduate: causal inference)
 Teaching Assistant, Corvinus University of Budapest 2010–2013
 Real Analysis, Probability Theory (undergraduate)
 Microeconomics (undergraduate)

Research Experience

Research Assistant, Guido Lorenzoni & Matthew Rognlie, Northwestern University 2018–2019
 Summer Research Graduate, European Central Bank 2018
 Research Assistant, David Berger, Northwestern University 2018
 Research Assistant, Erik Hurst, University of Chicago Booth 2016–2017

Seminars, Conferences

MTA KTI Summer Workshop, European Central Bank DG-E Webinar 2020

Refereeing

American Economic Journal: Macroeconomics

Job Market Paper

“Spousal Insurance and the Amplification of Business Cycles”

Abstract: I document that spousal labor supply substantially mitigates the impact of cyclical labor income risk on married households. Motivated by this evidence, I present a macroeconomic model with incomplete markets in which households are heterogeneous by gender and marital status. Couples can smooth their consumption over the business cycle better than singles because (i) spouses rarely lose their jobs at the same time; and

(ii) secondary earners can increase their labor supply on the extensive margin in response to a job loss of the primary earner. According to my estimated model, spousal insurance mitigates the volatility of aggregate consumption by about 40%. Spousal insurance acts as a powerful automatic stabilizer because it weakens the general-equilibrium feedback between unemployment risk and economic activity. My model clarifies the circumstances under which this automatic stabilizer is stronger or weaker. Spousal insurance is particularly powerful in recessions caused by traditional demand shocks. It is less powerful in recessions caused by shocks like the current COVID epidemic.

Other Papers

“Using the Sequence-Space Jacobian to Solve and Estimate Heterogeneous-Agent Models” with Adrien Auclert, Matthew Rognlie and Ludwig Straub, June 2019, **Revise and Resubmit at Econometrica**

Brief abstract: We propose a general and highly efficient method for solving and estimating general equilibrium heterogeneous-agent models with aggregate shocks in discrete time.

“MPCs, MPEs and Multipliers: A Trilemma for New Keynesian Models” with Adrien Auclert and Matthew Rognlie, June 2020, **Revise and Resubmit at The Review of Economics and Statistics**

Brief abstract: We establish an impossibility result for New Keynesian models with a frictionless labor market: these models cannot simultaneously match plausible estimates of marginal propensities to consume (MPCs), marginal propensities to earn (MPEs), and fiscal multipliers. A Heterogeneous Agent New Keynesian (HANK) model with sticky wages provides a solution to this trilemma.

Languages

English (fluent), Hungarian (native), German (intermediate)

References

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