

ANNIKA BACHER

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RESEARCH INTERESTS

Quantitative Macroeconomics – Household Finance, Labor Markets & Family Structure

REFERENCES

Russell Cooper
Professor of Economics
European University Institute
Via delle Fontanelle 18
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Thomas Crossley
Professor of Economics
European University Institute
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Mariacristina de Nardi
Professor of Economics
University of Minnesota
1925 Fourth South Street
Minneapolis, MN 55455
denar001@umn.edu

EDUCATION

European University Institute PhD Candidate in Economics Thesis Title: “Essays in Macroeconomics” Expected Completion Date: June 2022	2017 - Present
University of Wisconsin - Madison Visiting PhD Student in the Economics Department	Spring 2020
European University Institute MRes in Economics	2017 - 2018
Leipzig University MSc in Economics	2014 - 2016
University Paris 1 Panthéon-Sorbonne Research Master in Development Economics	2015 - 2016
Leuphana University Lüneburg BSc in Business Psychology	2010 - 2014

ADDITIONAL COURSEWORK & SHORT VISITS

University of Minnesota/ Minneapolis Fed Short Visit (two weeks) to Prof. Mariacristina De Nardi	2020
Florence School of Banking & Finance Short Course: Forecasting for Banking using Time Series Methods by Prof. Massimiliano Marcellino	2019
Studycenter Gerzensee Summer School: Heterogeneous Agent Models by Prof. Mariacristina De Nardi	2019

TEACHING EXPERIENCE

Macroeconomics I (Dynamic Fiscal and Monetary Policy) EUI, PhD Level – Teaching Assistant to Prof. Russell Cooper	Fall 2019
Macroeconomics I (Economic Growth) EUI, PhD Level – Teaching Assistant to Prof. Jesús Bueren	Fall 2018

RESEARCH ASSISTANCE AND PROFESSIONAL EXPERIENCE

European University Institute Research Assistant to Prof. Jesús Bueren	2020 - Present
European Central Bank Summer Research Graduate Program	2020
European University Institute Research Assistant to Prof. Russell Cooper	2019
European Central Bank Student Research Assistant (Trainee) in the Financial Research Division	2016 - 2017
CEPII Paris Research Assistant in the Department of Emerging Economies	2016
Halle Institute for Economic Research (IWH) Research Assistant in the Department of Financial Markets	2014 - 2015

CONFERENCE & SEMINAR PRESENTATIONS (INCL. SCHEDULED*)

RES Annual Conference, NASMES, GRAPE GGaps Conference, Vigo Workshop on Macroeconomic Dynamics, ECB DG-Research, ESMES, EFA – Doctoral Tutorial, Rare Voices in Economics Conference, VfS Jahrestagung, 5 th SAFE Workshop on HH Finance, University of Würzburg*	2021
2 nd DIW Workshop “Women in Macro, Finance and Economic History” (<i>Discussant</i>) ASSET Virtual Meeting, ECB DG-Research, EWMES	2020

ACADEMIC SERVICE

Co-Organizer: EUI Macro Working Group	2018 - 2019
Referee: Review of Economic Dynamics, The B.E. Journal of Macroeconomics	

AWARDS & GRANTS

EFA Doctoral Tutorial Best Paper Prize	2021
Best Paper by a Graduate Student (GRAPE GGaps Conference)	2021
PhD Completion Grant (EUI)	2021 - Present
Doctoral Grant (DAAD)	2017 - 2021
US Department Visiting Grant (EUI)	2020
Deutschland Stipendium (German National Scholarship Program)	2012 & 2016

OTHER SKILLS

Software	Stata, Matlab, Fortran 90 (incl. OpenMP), Latex
Languages	German (Native), English (Fluent), French (Intermediate)

JOB MARKET PAPER

Housing and Savings Behavior across Family Types

Does marital status affect households' investment choices? Is accounting for distinct family types necessary for the correct evaluation of policies that aim at stimulating housing demand? To answer these questions, I develop a life-cycle model of housing and financial portfolio choice with dynamic and heterogeneous family types. I find that divorce risk encourages precautionary savings of couples in the form of liquid assets and reduces their demand for illiquid housing. Expected marriage, low income levels and larger exposure to income fluctuations prevent singles from becoming homeowners. Abstracting from distinct family types amplifies the attractiveness of housing and as a result, overstates the effectiveness of housing policies such as lowering property taxes and reducing transaction costs by a factor greater than two. This mis-specification is largest for young households who are most likely to be single and whose marital transition risk is highest. In contrast, regulations that facilitate stock market participation help to foster wealth accumulation, because they encourage investment in high return assets that are cheaper to liquidate in the event of a (marital or labor income) shock.

WORKING PAPERS

The Gender Investment Gap over the Life-Cycle

Single women are less likely to hold risky assets than single men and allocate a smaller share of their portfolio into stocks. This paper develops and estimates a portfolio choice model to quantify the determinants of the “gender investment gap” over the life-cycle. The framework allows for differences in household structure (single or couple), marital transitions as well as for rich gender heterogeneity along observable characteristics and stochastic processes. The model is able to rationalize the gender gap in equity shares and asset holdings without introducing preference heterogeneity by gender. Counterfactual simulations reveal that both current and expected lower income levels as well as larger household sizes of single women are the main determinants for explaining the gender investment gap.

Joint Search over the Life-Cycle (with Philipp Grübener and Lukas Nord)

This paper studies how the added worker effect - intra-household insurance through increased spousal labor market participation - varies over the life cycle. We show in U.S. data that the added worker effect is much stronger for young than for old households. A stochastic life cycle model of two-member households with job search in a frictional labor market is capable of replicating this finding. The model suggests that a lower added worker effect for the old is driven primarily by better insurance through asset holdings. Human capital differences between employed young and old contribute to the difference but are quantitatively less important, while differences in job arrival rates play a limited role.

WORK IN PROGRESS

Risk-Taking, Family Resources, and a Full View of the Portfolio

(with Eirik Eylands Brandsaas and Joel McMurry)

Income Earned is not Income Offered: Job Mobility and Marital Status (with Russell Cooper)