HANNO FOERSTER

October 2018

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Research Interests

Primary	Labor Economics
Secondary	Family Economics, Applied Microeconometrics

Education

since 2013	UNIVERSITY OF MANNHEIM PhD in Economics, *expected June 2019*
Fall 2016	UNIVERSITY COLLEGE LONDON Visiting PhD Student (Hosted by Eric French)
2011-2013	UNIVERSITY OF BONN, GERMANY M.Sc. in Economics
2011-2012	UNIVERSITY OF CALIFORNIA BERKELEY Visiting Student to the PhD program
2008-2011	UNIVERSITY OF BONN, GERMANY B.Sc. in Economics

References

Prof. Michèle Tertilt
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Prof. Gerard J. van den Berg
University of Bristol
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Prof. Hans-Martin von Gaudecker
University of Bonn
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Prof. Katja M. Kaufmann
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Research

Job Market Paper

> *The Impact of Post-Marital Maintenance on Dynamic Decisions and Welfare of Couples*

Work in Progress

> *A Structural Evaluation of Vacancy Referrals, Sanctions and Sickness Absence* (with Gerard J. van den Berg and Arne Uhlendorff)

> *The Equilibrium Effects of Vacancy Referrals* (with Gerard J. van den Berg)

> *The Effects of Job Displacement on Marriage Market Outcomes* (with Tim Obermeier and Alexander Paul)

Academic Employment

since 2018   UNIVERSITY OF MANNHEIM, Prof. Michèle Tertilt, Research Assistant

Summer 2016 UNIVERSITY OF MANNHEIM, Prof. Katja M. Kaufmann, Research Assistant

2009 - 2011   UNIVERSITY OF BONN, Prof. Klaus Sandmann, Student Assistant

Spring 2010   ZEW MANNHEIM, International Finance and Financial Management, Research Intern

Teaching Experience

Spring 2017   Introductory Econometrics (Undergraduate),
Teaching Assistant to Prof. Markus Frölich, University of Mannheim

Fall 2014   Applied Econometrics (Master of Management, English),
Teaching Assistant to Prof. Anna Raute, University of Mannheim

Spring 2013   Empirical Methods (Undergraduate, English),
Course Instructor, University of Bonn

Fall 2012   Microeconometrics (Graduate, English),
Teaching Assistant to Prof. Hans-Martin von Gaudecker, University of Bonn

Spring 2011   Introductory Statistics (Undergraduate),
Teaching Assistant to Prof. Lorens Imhof, University of Bonn

Fall 2010   Introductory Econometrics (Undergraduate),
Teaching Assistant to Prof. Jörg Breitung,University of Bonn

Spring 2010   Introductory Finance (Undergraduate),
Teaching Assistant to Prof. Klaus Sandmann, University of Bonn

Fall 2009   Organization and Management (Undergraduate),
Teaching Assistant to Prof. Matthias Kräkel, University of Bonn

Presentations & Workshops

2018	Sociecty of Economics of the Household (SEHO) meeting (Paris), EEA-ESEM congress (Cologne), EALE conference (Lyon), Families and the Macroeconomy (Mannheim)
2017	IZA workshop on Gender and Family Economics (Bonn), IZA summer school in Labor Economics (Buch/Ammersee), Aarhus University (invited Seminar), Sociecty of Economics of the Household (SEHO) meeting (San Diego), briq Workshop on Structural Analysis of Inequality (Bonn)
2016	LSE Methods Programme, Numerical Tools for Macroeconomists (London), EALE conference (Poster, Ghent), European Society for Population Economics (Berlin), EEA-ESEM congress (Geneva), Search and Matching (SAM) annual conference (Amsterdam), ZEW Summer Workshop on Structural Models and Policy Evaluation (Mannheim), University College London (PhD Seminar)
2015	ZEW SEEK Workshop on Policy Evaluations using Search and Matching Models (Mannheim)
2014	Barcelona Summer School, courses on Labor Market Outcomes (Prof. Robert Shimer) and Education Economics (Prof. Derek Neal)

Scholarships and Awards

2013 - 2015	PhD scholarship, German Science Foundation (DFG)
2011 - 2012	Fulbright travel grant
2011 - 2012	Scholarship, German Academic Scholarship Foundation (Studienstiftung des Deutschen Volkes)
2011	Teaching Award, University of Bonn

Professional Service

Referee	Review of Economic Studies

Competences

Languages	German (native), English (fluent), French (basic), Spanish (basic)
Software	Python, Matlab, Stata, SAS, Git, LaTeX

Abstracts

The Impact of Post-Marital Maintenance on Dynamic Choices and Welfare of Couples (Job Market Paper)

In many countries divorce law mandates post-marital maintenance payments (child support and alimony) to insure the lower earner in married couples against financial losses upon divorce. This paper studies how maintenance payments affect couples' intertemporal decisions and welfare. I develop a dynamic model of family labor supply, housework, savings and divorce and estimate it using Danish register data. The model captures the policy trade off between providing insurance to the lower earner, enabling couples to specialize efficiently, on the one hand, and maintaining labor supply incentives for divorcees, on the other hand. I use the estimated model to analyze counterfactual policy scenarios in which child support and alimony payments are changed. The welfare maximizing maintenance policy is to triple child support payments and reduce alimony by 12.5% relative to the Danish status quo. Switching to the welfare maximizing policy makes men worse off, but comparisons to a hypothetical first best scenario reveal that there is scope for pareto improvements, pointing towards a role for more innovative maintenance policies.

The Equilibrium Effects of Vacancy Referrals
(with Gerard J. van den Berg)

In many countries public employment services send out job vacancy referrals (VRs) to bring together unemployed workers and firms who otherwise would not have matched. It has been documented that VRs have positive effects on individual reemployment probabilities. However, the impact of VRs on the unemployment rate depends on equilibrium effects that arise, e.g., from crowding out in the hiring process. This paper studies the effect of VRs on the unemployment rate in the presence of equilibrium effects. We develop a search and matching model with multiple applications and VRs that accounts for crowding out effects in the hiring process. A VR increases the reemployment probability of the job searcher receiving it, but incurs a negative externality on all other job searchers. We estimate our model using data from a German firm survey about the hiring process as well as survey data on the job search behavior of German unemployed workers. The estimated model is used to simulate counterfactual changes in the VR rate and analyze to what extent the positive individual level effects of VRs carry through to the aggregate.

A Structural Analysis of Vacancy Referrals with Imperfect Monitoring and Sickness Absence
(with Gerard J. van den Berg and Arne Uhlendorff)

Unemployment insurance (UI) systems typically pose job search requirements that benefit recipients need to satisfy. As a common part of these requirements UI agencies make job vacancy referrals (VRs) and sanction benefit recipients who refuse to apply. However, benefit recipients can circumvent this monitoring scheme by reporting sick after receipt of a VR. This paper studies how UI systems with VRs and sanctions impact moral hazard and reemployment rates. We develop a structural job search model that incorporates VRs and sanctions. Additionally our model allows for the possibility to report sick after receipt of a VR. We estimate our model using data from German social security records that are linked to caseworker recorded data on VRs and sickness absences. We use the estimated model to simulate counterfactual policy scenarios such as changing sanction duration, sanction severeness, the VR-rate and shutting down the possibility to report sick. The most promising policy change according to our model is increasing sanction enforcement. Increasing enforcement by 20% reduces unemployment duration by 0.5 months.