

# Jonas Nauerz

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University of Notre Dame  
Department of Economics  
Notre Dame, IN 46556

Email: [jnauerz@nd.edu](mailto:jnauerz@nd.edu)  
Mobile: +1 (574) 440-9631  
Website: [jonasnauerz.com](http://jonasnauerz.com)

## Education

2018–	<b>University of Notre Dame</b> , Ph.D. Economics <i>Committee: Benjamin Pugsley (chair), Rüdiger Bachmann, Michael Pries</i>
2018–2019	<b>University of Notre Dame</b> , M.A. Economics
2016–2018	<b>Stockholm School of Economics</b> , M.Sc. Economics,
2013–2016	<b>Goethe University, Frankfurt</b> , B.Sc. Economics/Business Administration

## Fields

Macroeconomics, Labor Economics, International Economics

## Job Market Paper

### **Men and Women at Work – Gains from Individual Taxation and the Macroeconomic Importance of Workforce Diversity**

Joint income taxation of married couples imposes a high marginal tax rate for secondary earners. Moving to individual taxation encourages female labor supply and therefore alters workforce composition. This paper develops a general equilibrium model with heterogeneous agents and family labor supply to characterize the composition channel's quantitative importance. Calibrating the model to Germany, the study quantifies the consequences of abolishing joint taxation. To incorporate workforce diversity, I allow for imperfect substitutability of male and female labor inputs in output production, disciplined by my estimate of the elasticity of 0.7. The complementarities between men and women substantially amplify the positive output effects of the tax reform. Labor force participation of married women rises by 12.6%, and overall output increases by 6.8%. Assuming perfect substitution, output rises by half as much because there is no demand response for male labor, and men participate less.

## Working Papers

2021	<a href="#">Unintended Effects from the Expansion of the Non-Contributory Health System in Peru</a> , with Jose Torres (IMF Working Paper WP/21/106)
2021	<a href="#">Temperature Shocks and Real Exchange Rates</a> , with Sinyoung Lee, Nelson C. Mark, Jonathan Rawls, and Zhiyi Wei
2020	<a href="#">Can the Quiet Revolution Continue? The Effects of Childcare Subsidies on Female Labor Force Participation in a Life-Cycle Model</a>
2018	<a href="#">Employment during Retirement? Simulating a Pension Reform in a Life-Cycle Model for Germany</a>

## Work in Progress

**Occupational Choice and Exposure to Business Cycles**, with Bence Bardóczy, Nezih Guner, and Georgi Kocharkov

## Research Experience

2019–	<b>University of Notre Dame, Notre Dame, IN</b> <i>RA, Illenin Kondo (19/20), Robert Johnson (20/21), Benjamin Pugsley (21/22)</i>
2020–2021	<b>Deutsche Bundesbank, Frankfurt</b> <i>Graduate Research Intern, Research Centre</i>
2020	<b>International Monetary Fund, Washington, D.C.</b> <i>2020 Fund Internship Program, Western Hemisphere Department</i>

## Conferences/Workshops

2022	NBER Heterogeneous-Agent Macro Workshop
2021	International Association for Applied Econometrics (IAAE) Annual Conference

## Teaching Experience

2019–2020	<b>University of Notre Dame, Notre Dame, IN</b> <i>Teaching Assistant for Master of Global Affairs students</i> Tutor for Quantitative Methods, Microeconomics, and Policy Evaluation
2017	<b>Stockholm School of Economics, Stockholm</b> <i>Teaching Assistant for the bachelor course International Economics</i> Independent teaching, conception and grading of assignments and final exam
2015–2016	<b>Goethe University, Frankfurt</b> <i>Teaching Assistant at the Department of Applied Econometrics</i> Conducting tutorials in statistics for a group of $\sim 100$ students

## Service

2021–2022	Co-chair, Graduate Student Committee, University of Notre Dame
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## Languages and Skills

German (native), English (fluent)  
L<sup>A</sup>T<sub>E</sub>X, Python, Julia, Matlab, Stata, Bloomberg

## References

Benjamin Pugsley (chair)	University of Notre Dame, Department of Economics 3036 Jenkins Nanovic Hall, Notre Dame, IN 46556 Phone: +1 (574)-631-7254, E-mail: <a href="mailto:bpugsley@nd.edu">bpugsley@nd.edu</a>
Rüdiger Bachmann	University of Notre Dame, Department of Economics 3026 Jenkins Nanovic Hall, Notre Dame, IN 46556 Phone: +1 (574) 631-0380, E-mail: <a href="mailto:rbachman@nd.edu">rbachman@nd.edu</a>
Michael Pries	University of Notre Dame, Department of Economics 3034 Jenkins Nanovic Hall, Notre Dame, IN 46556 Phone: +1 (574) 631-3046, E-mail: <a href="mailto:mpries@nd.edu">mpries@nd.edu</a>