Jan-Niklas Otte

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EDUCATION

Ph.D. in Economics, *University of Mannheim* 2023–present
Advisor: Moritz Kuhn

M.Sc. in Economics, *Goethe University Frankfurt* 2020–2023
Advisor: Alexander Ludwig

B.Sc. in Global Business Management, *University of Augsburg* 2016–2020

RESEARCH INTEREST

Primary: Macroeconomics
Secondary: Labor Economics, Household Finance

RESEARCH

Work in Progress

Internal vs External Ladders: Worker Career Choices and Labor-Market Dynamism
This project investigates the trade-offs between internal promotions and external job-to-job transitions, focusing on their aggregate implications for labor market dynamism.

Job Search as Portfolio Choice with Pablo Arnaiz
This project models job search as portfolio choice, investigating how search technology and housing costs shape workers' application strategies and labor market outcomes.

Publications

Demographic Change and the Ultimate Forward Rate with Alexander Ludwig
Solvency II: Present and Future (eds. K. Van Hulle, H. Gründl, M. Kraft), Oxford University Press, 2026.
We suggest to base estimates of the ultimate forward rate on the natural rate of return, which we predict by use of a quantitative macroeconomic model. Our approach acknowledges a forward looking mechanism by modeling how demographic change suppresses asset returns because of labor shortage and capital abundance. Specifically, we develop a novel multi-period overlapping generations model with a portfolio choice, where demographic processes are taken as exogenous. Our quantitative evaluations suggest that until 2060 the estimate of the real natural rate decreases to -1.7% to -2.1%. From this perspective, negative real interest rates can be expected for the next decades, and nominal rates will be only slightly above zero.

RESEARCH EXPERIENCE

2025–	Research Assistant for Prof. Moritz Kuhn, University of Mannheim
2022–2023	Research Assistant for Prof. Alexander Ludwig, Goethe University Frankfurt
2021–2022	Research Assistant for Prof. Nicola Fuchs-Schündeln, Goethe University Frankfurt

TEACHING EXPERIENCE

Fall 2026	Macroeconomics B (Bachelor), Prof. Philipp Wangner, University of Mannheim
Fall 2025	Macroeconomics B (Bachelor), Prof. Philipp Wangner, University of Mannheim
Spring 2025	Macroeconomics A (Bachelor), Prof. Moritz Kuhn, University of Mannheim
Fall 2024	Macroeconomics B (Bachelor), Prof. Andreas Gulyas, University of Mannheim

UNIVERSITY SERVICE

2025–2026	Elected Member, Department Council, Department of Economics, University of Mannheim
2024–2025	Student Representative, Doctoral Program in Economics, University of Mannheim

SCHOLARSHIPS AND AWARDS

2023–2025	Doctoral Fellowship, Graduate School of Economics and Social Sciences, University of Mannheim
2022	"Walter-Norbert-Förderpreis" (1st place) for the best master seminar paper at the faculty of economics and business administration, Goethe University Frankfurt
2021	"Walter-Norbert-Förderpreis" (1st place) for the best master seminar paper at the faculty of economics and business administration, Goethe University Frankfurt
2018–2023	"Max-Weber-Scholarship" for university students with excellent academic accomplishments

SKILLS

Programming	Julia, Python, Stata, R
Language	German (native), English (fluent), Swedish (beginner), French (beginner)

Updated August 2026