November 2026

David Koll

International Monetary Fund (IMF)
Research Department
700 19th Street, N.W.
Washington, D.C. 20431, USA

www.david-koll.com

dk.economist@pm.me

Research Fields

Macroeconomics, Labor Economics, Public Economics

Work Experience

Economist, International Monetary Fund, Research Department since 07/2024

Staff employee: since 10/2025 & Parental Leave: 03/2026 - 07/2026

– Researching structural reforms, AI diffusion, technological change, and their macroeconomic and labor-market implications, including evolving skill demand, worker displacement, and job creation.

– Analyzing micro- and macro-level data, including employer-employee records and job postings.

– Supporting country teams on structural reforms, AI, labor-market policies, and regulation.

– Co-supervising Interns and Research Officers.

Postdoctoral Scholar in Macroeconomics, University of Mannheim 09/2020 - 06/2024

– Research on macroeconomics, labor markets, household expectations, and the distributional effects of public policies using structural models and microdata.

– Leading research projects, teaching undergraduate and graduate courses, and presenting at academic conferences.

Research Associate, European University Institute 07/2019 - 02/2024

– Co-leading research on technological change and the future of work as well as on regional subsidy policies using French administrative firm- and worker-level data.

Education

Ph.D. in Economics, European University Institute 09/2020
Supervisors: Árpád Ábrahám, Dominik Sachs. Committee: Peter Haan, Johanna Wallenius

M.Res. in Economics, European University Institute 06/2014

M.Sc. in Economics, Institute for Advanced Studies and Vienna University of Technology 07/2013

B.Sc. in Economics, University of Mannheim 08/2011

(Non-degree) **Studies in Mathematics**, University of Mannheim 09/2009 - 08/2010

Job Market Paper

"Leading Firms and the Future of Work" with M. Brès, F. Colella, and P. Kircher; 11/2026.

Publications

"From Mancession to Shecession: Women's Employment in Regular and Pandemic Recessions" with T. Alon, S. Coskun, M. Doepke, and M. Tertilt; *NBER Macroeconomics Annual 2021*, Vol. 36, 05/2022.

"The Intergenerational Correlation of Employment: Mothers as Role Models" with G. Galassi and L. Mayr; *Labour Economics*, Vol. 90, 10/2024.

Working Papers

"Quantifying Okun's Leaky Bucket: The Case of Progressive Childcare Subsidies" with D. Sachs, F. Stürmer-Heiber, and H. Turon; 08/2026. *Revise and Resubmit, AEJ: Economic Policy.*

"Buying or Posting? Acquisitions and the Demand for Frontier Skills" with E. Li, A. Song, and M. M. Tavares; 11/2026.

"Optimistic Divorce Beliefs and the Life-Cycle Economics of the Family" with U. Berresheim and M. Kovaleva; 10/2026.

"New Skills, Higher Pay? Evidence from Job Postings" with E. Li and M. M. Tavares, 03/2026.

"Staying Together Forever? Life-cycle Effects of Overoptimistic Couples" with U. Berresheim; 03/2026.

"Future versus Today's Improvements: the Trade-off of Place-based Policies" with M. Brès and P. Kircher; 101/2026.

Work in Progress

"Diffusion and Labor Market Effects of Emerging Skills" with E. Li and M. M. Tavares.

"Catching up to the United States: Cross-country AI Skill Demand and Structural Policies" with N. Robatto.

"Skill-remoteness and Job Loss in Regional Networks of Occupations" with S. Coskun, M. Momm, and M. M. Tavares.

Policy work

"Bridging Skill Gaps for the Future: New Jobs Creation in the AI Age" with F. Jaumotte, J. Kim, E. Li, L. Li, G. Melina, A. Song, and M. M. Tavares; *IMF Staff Discussion Note*, Vol. 2026/001, 01/2026.

"Structural Reforms in Saudi Arabia Since 2016" with A. Medici, M. M. Tavares, and M. Saito; *IMF Working Paper*, Vol. 2026/014, 01/2026.

"Global Economic and Financial Implications of Artificial Intelligence: Lessons from a Scenario Planning Exercise" with K. Barhoumi, F. de Carvalho, M. Gorbanyov, Y. Kido, D. Ostojic, B. Shang, N. Tamirisa, S. Toms, E. Dabla-Norris, A. Nguyen, and Y. Zhao; *IMF Note*, Vol. 2026/002, 04/2026.

Media Coverage

Financial Times, World Economic Forum, Fortune, IMF Blog, Bloomberg, The Economist, The New York Times, Die Welt, Norddeutscher Rundfunk, Fidelity, LISER, Newsweek, The Academic Times, The 19th, Santa Fe Radio, NTV

Conferences & Seminars

AEA/ASSA Meetings (upcoming) 2026/7

IMF, Gender Seminar; VCU Richmond; Leuven Summer Event; Cornell University; 2025
Society of Economic Dynamics, Copenhagen; NBER SI (co-author); IMF, Jobs and Growth Seminar

UAB Barcelona; Goethe University; Barcelona Summer Forum: Income Dynamics & the Family 2024

CRC/TR 224 General Summit; 5th Behavioral Macro Workshop, University of Bamberg; 2023
2nd Economics & Gender Workshop, University of Luxembourg; Seminar, IAB-FAU Nuremberg;
Workshop on Families, Human Capital, and Inequality, Bad Duerkheim;
Seminar, European University Institute; Seminar, University of Konstanz

CESifo Area Conference on Public Economics; ZEW Public Finance Conference; 2022
Barcelona Summer Forum: Structural Microeconometrics; EEA Congress, Milan;
CEPR Public Economics Annual Symposium; CRC/TR 224 YR Workshop;
DECIG Seminar, World Bank; Seminar, University of Copenhagen

Barcelona Summer Forum: Income Dynamics and the Family; CRC/TR 224 General Summit; 2021
Dynamic Structural Econometrics Conference (Econometric Society)

CRC/TR 224 Young Scholar Workshop; FROGEE Workshop on Gender Economics; 2020

SED, St. Louis; Seminar, Bank of Canada, Ottawa; IIPF, Glasgow; 2019
Conference on Effectiveness of Child Education, EUI

IX Doctoral Workshop in Empirical Economics, Collegio Carlo Alberto, Turin before 2019

Refereeing & Reviewing

Grants: German Research Foundation, DFG; Swiss National Science Foundation

Journals: Oxford Economic Papers; Applied Economics; LABOUR; Journal of Economic Studies; IMF Working Papers

Software & Languages

Software: Matlab, Julia, R, Stata, Git, LATEX, MS Office, SAS, Pyspark, Databricks, HPC.

Languages: German (native), English (fluent).

Pre-PhD Work Experience

Research Associate, University of Konstanz 10/2019 - 08/2020

Academic Assistant, European University Institute 04 - 08/2017 & 05 - 06/2019

Intern, Frontier Economics Ltd., Cologne 11/2014 - 02/2015

	Intern, Commerzbank AG, Frankfurt	06 - 08/2010
	Research Assistant, Centre for European Economic Research (ZEW), Mannheim	03 - 08/2009
ACADEMIC VISITS	Department of Economics, USI Lugano	03/2024
	CESifo, Ludwig-Maximilians-University Munich	07 - 08/2018 & 09/2019
	Center for Macroeconomic Research, University of Cologne	07/2017
	University of California Berkeley (visting Emmanuel Saez)	01 - 05/2017
	Department of Economics, University of Copenhagen	09/2010 - 02/2011
TEACHING	Macroeconomics A (Lead TA, BSc), University of Mannheim	Spring 2022, 2023, 2024
	Family Economics (Lecturer, BSc), University of Mannheim	Spring 2024
	Seminar in Family Economics (Lecturer, MSc), University of Mannheim	Spring 2021
	Seminar in Family Economics (Lecturer, MSc), University of Konstanz	Spring 2020
	Public Finance (Teaching Assistant, BSc), University of Konstanz	Spring 2020
	Optimal Taxation and Private Information (Teaching Assistant, PhD), EUI	Fall 2016
	Microeconomics I (Teaching Assistant, MSc), Institute for Advanced Studies	Fall 2012
CONFERENCE ORGANIZATION	Econometric Society & CRC/TR 224 Summer school and Conference on Dynamic Structural Econometrics: *Household decision making and human capital in life-cycle models*	2021
SCHOLARSHIPS	PhD Scholarship, German Academic Scholarship Foundation (Studienstiftung)	01 - 06/2019
	PhD Scholarship, EUI	01 - 12/2018
	Scholarship for visiting UC Berkeley, German Academic Exchange Service	01 - 05/2017
	US-Exchange Fellowship, EUI	01 - 05/2017
	PhD Fellowship, German Academic Exchange Service	2013 - 2014, 2015 - 2017
	Graduate Fellowship, Institute for Advanced Studies	09/2011 - 07/2013
	Scholarship, German Academic Scholarship Foundation (Studienstiftung)	02/2009 - 07/2013
GRANTS	Independent Research Grant, "The impact of divorce laws in the short and long run", Zukunftskolleg, University of Konstanz & German Science Foundation (DFG) (6,900 EUR)	02 - 12/2020
	Research Grant, "Dynamic effects of a decrease in alimony payments", Einaudi Institute for Economics and Finance, Rome (5,000 EUR)	07/2018 - 06/2019
PREVIOUS AFFILIATIONS	Member, CRC/TR 224 Bonn - Mannheim, Project A03, PI: Michèle Tertilt	09/2020 - 06/2024
	Associated Researcher with the ERC-Project "Technological Change: New Sources, Consequences, and Impact Mitigation", PI: Philipp Kircher	05/2019 - 04/2024
SUMMER SCHOOLS	Summer School on Socioeconomic Inequality, HCEO, University of Chicago	08/2017
	Zurich Initiative on Computational Economics, University of Zurich	01 - 02/2016