

Dong Ho Kang

Department of Economics

Faculty of Management, Economics, and Social Sciences

University of Cologne

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CURRENT POSITION

Post-Doctoral Research Fellow, Department of Economics, University of Cologne, Germany

EDUCATION

Ph.D. in Economics, University of Missouri, MO, USA 2024

Dissertation: *Essays on Housing Macroeconomics with Heterogeneous Agents*

Advisor: Aaron Hedlund; Committee: Chao Gu, Joseph Haslag, Jialu Shen

M.A. in Economics, Hanyang University, Seoul, Republic of Korea 2017

Thesis: *Monetary Policy Independence in Korea*

Advisor: Daekeun Park

B.A. in Economics, Hanyang University, Seoul, Republic of Korea 2015

RESEARCH INTERESTS

Quantitative Macroeconomics; Household Finance; Housing; Monetary Economics

WORKING PAPERS

- Effect of Credit Score Constraints on Mortgage Loans in the Housing Market ([Job Market Paper](#))
- Residential Construction and the Housing Price Boom after the Great Recession
- The Opportunity Cost of Money and the Relevance of Monetary Policy (with Joseph Haslag), conditionally accepted, *International Journal of Central Banking*

WORK IN PROGRESS

- Monetary Policy Independence in Korea
- A Quantitative Model of Residential Solar Adoption, Housing Choice, and the Solar Home Premium (with Jialu Shen, Ariel Sun)
- Inheritance Taxation and Homeownership (with Jieheum Yoen)

TEACHING

- *Housing and the Macroeconomy (Graduate Seminar)* — University of Cologne, Summer 2024; Winter 2024; Summer 2025; Winter 2025
- *Advanced Macroeconomics I (Research Master)* — University of Cologne, Winter 2024
- *Computational Methods (Masters)* — University of Cologne, Summer 2025
- *The Role of Energy and Resource Limitations in the Macroeconomy (Graduate Seminar)* — University of Cologne, Summer 2024

ADVISING

- *Frederik J. Ebbinghaus-Master Thesis(Primary Advisor), 2025. Placement(TU Dortmund, PhD Program) - University of Cologne*

PRIOR EMPLOYMENT AND OTHER POSITIONS

Research Assistant, University of Missouri, Columbia, MO 2023–2024

- Kenneth Lay Research Fund

Teaching Assistant, University of Missouri, Columbia, MO 2018–2022

- Principles of Microeconomics; Principles of Macroeconomics; Money, Banking and Financial Markets; Macroeconomic Theory

Teaching Assistant, Hanyang University, Seoul, Republic of Korea

2015–2016

- Macroeconomics; International Finance

PRESENTATIONS

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| • Theories and Methods in Macro (T2M), CREST, France | May 2025 |
| • AREUEA Annual Conference jointly with ASSA, San Francisco, CA | Jan 2025 |
| • National Chengchi University: NCCU, Webinar | Mar 2024 |
| • Munich Research Institute for the Economics of Aging and SHARE analyses, Webinar | Mar 2024 |
| • University of Cologne, CMR, Cologne, Germany | Feb 2024 |
| • AREUEA Annual Conference jointly with ASSA (Poster), San Antonio, TX | Jan 2024 |
| • Bank of Korea, Webinar | Jan 2023 |
| • Missouri Valley Economic Association, 60th Annual Conference, St. Louis, MO | Oct 2022 |
| • Summer School of the Econometric Society (attendee), Kyoto University, Japan | Aug 2016 |

PROGRAMMING SKILLS

Fortran; Stata; MATLAB; R; LaTeX; Parallel Computing (OpenMP)

REFERENCES

Aaron Hedlund — White House Chief Economist || Associate Professor, Real Estate and Economics, Mitchell E. Daniels, Jr. School of Business, Purdue University
Email: hedlunda@purdue.edu

Joseph Haslag — Professor and Kenneth Lay Chair, Department of Economics, University of Missouri
Email: haslagj@missouri.edu

Michael Krause — Professor, Department of Economics, University of Cologne, Germany
Email: michael.krause@wiso.uni-koeln.de