

# Dong Ho Kang

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## CURRENT POSITION

Post-Doctoral Research Fellow, Center for Economic Research, University of Cologne, Germany

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## EDUCATION

Ph.D. in Economics, University of Missouri 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) 2017  
Thesis: *Monetary Policy Independence in Korea*  
Advisor: Daekeun Park  
  
B.A. in Economics, Hanyang University (Seoul) 2015

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## RESEARCH INTERESTS

Quantitative Macroeconomics; Household Finance; Housing; Monetary Economics

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## 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
- Does Interest on Reserves Matter? (with Joseph Haslag), conditionally accepted, *International Journal of Central Banking*

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## 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)

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## TEACHING

- *Housing and the Macroeconomy (Graduate Seminar)* — University of Cologne, Winter 2024; Summer 2024; Winter 2024; Summer 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

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## ADVISING

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

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## PRIOR EMPLOYMENT AND OTHER POSITIONS

**Research Assistant**, University of Missouri, Columbia, MO 2023–Present

- Kenneth Lay Research Fund

**Research Assistant**, Presidential Committee on Ageing Society and Population Policy (Republic of Korea)

*Home Pension Activation Plan and Effects in a Super-Aged Society*

*Jan 2023–Mar 2023*

**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, Webminar                                  | Mar 2024 |
| • Munich Research Institute for the Economics of Aging and SHARE analyses (MEA) | 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, Webminar   | 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** — Associate Professor, Real Estate and Economics, Mitchell E. Daniels, Jr. School of Business, Purdue University  
Email: [hedlunda@purdue.edu](mailto:hedlunda@purdue.edu)

**Joseph Haslag** — Professor and Kenneth Lay Chair, Department of Economics, University of Missouri  
Email: [haslagj@missouri.edu](mailto:haslagj@missouri.edu)

**Jialu Shen** — Assistant Professor, Finance, Trulaske College of Business, University of Missouri  
Email: [jshen@missouri.edu](mailto:jshen@missouri.edu)

**Michael Krause** — Professor, Department of Economics, University of Cologne, Germany  
Email: [michael.krause@wiso.uni-koeln.de](mailto:michael.krause@wiso.uni-koeln.de)