

HYUNG JOO KIM

Federal Reserve Board of Governors
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EMPLOYMENT

Quantitative Risk Analysis Section, Federal Reserve Board of Governors

Economist

2022-present

Economic Program Evaluation Division, National Assembly Budget Office, S. Korea

Research Assistant

2016

EDUCATION

University of Houston

Ph.D. in Finance

2016-2022

Seoul National University

M.S. in Finance

2014-2016

Korea Advanced Institute of Science and Technology (KAIST)

B.S. in Mathematical Sciences, with Minor in Financial Engineering, *Summa Cum Laude*

2009-2014

RESEARCH INTERESTS

Asset Pricing, Derivatives, Financial Econometrics, Macro-Finance, Risk Management

WORKING PAPERS

- Options on Interbank Rates and Implied Disaster Risk**, with Hitesh Doshi and Sang Byung Seo
 - *2nd Round Revise and Resubmit, Journal of Financial and Quantitative Analysis*
 - *Best Paper Award Semifinalist, 2019 FMA Annual Meeting*
- Volatility Risk and Monotonic Pricing Kernels**, with Steven Heston and Kris Jacobs
 - *Revise and Resubmit, Review of Financial Studies*
- A New Closed-Form Discrete-Time Option Pricing Model with Stochastic Volatility**, with Steven Heston and Kris Jacobs
- Characterizing the Conditional Pricing Kernel: A New Approach**

WORK IN PROGRESS

- Option Prices and Local Estimation**, with Dong Hwan Oh

SEMINARS AND CONFERENCE PRESENTATIONS

(* presentations by coauthors)

2025: American Finance Association

2024: Cancun Derivatives Workshop*, Seoul National University, Federal Reserve Board, University Paris 1, NYU Mathematical Modeling in Finance Workshop*, Society for Financial Econometrics*, Conference on Derivatives and Volatility at CBOE*, Paris December Finance Meeting

2023: American Finance Association, International Association for Applied Econometrics

2022: Federal Reserve Board, Korea Development Institute, Korea Insurance Research Institute, Wilfrid Laurier University, Finance Down Under, University of Houston, Society for Financial Econometrics*, EEA-ESEM, CBOE Conference on Derivatives and Volatility*, K.U. Leuven*, University of Liverpool*

2021: University of Houston, North American Summer Meeting of the Econometric Society, Syracuse University*, Virtual Derivatives Workshop, Cornerstone Research, Concordia University, Saint Mary's University, New Zealand Finance Meeting, World Finance & Banking Symposium

2020: University of Houston, European Finance Association*, Northern Finance Association*

2019: Financial Management Association, University of Houston

ACADEMIC SERVICE

Discussion: Eastern Finance Association Annual Meeting, Financial Management Association Annual Meeting, New Zealand Finance Meeting, Paris December Finance Meeting, World Finance & Banking Symposium

Journal Referee: Finance Research Letters, Journal of Banking and Finance, Journal of Empirical Finance, Management Science, Quarterly Review of Economics and Finance

Seminar Organization: Quantitative Finance Seminar, Federal Reserve Board (2022-)

Conference Program Reviewer: Financial Management Association (2023-)

HONORS & AWARDS

<i>Dean's Award</i> , University of Houston	2022
<i>Winner of the Bauer Doctoral Working Paper Competition</i> , University of Houston	2021
<i>Cullen Graduate Student Success Fellowship</i> , University of Houston	2020
<i>AFA Ph.D. Student Travel Grant</i> , American Finance Association	2020
<i>CDI Research Grant</i> , Canadian Derivatives Institute	2019
<i>Cullen Fellowship Travel Grant</i> , University of Houston	2019
<i>Shinhan Bank & KAFA Scholarship for Ph.D. students</i> , Korea America Finance Association	2019
<i>Instructional Assistantship</i> , University of Houston	2016-2022
<i>Graduate Tuition Fellowship</i> , University of Houston	2016-2022
<i>Bauer Doctoral Fellowship</i> , University of Houston	2016-2021
<i>Presidential Fellowship</i> , University of Houston	2016-2018
<i>Research Assistant Scholarship</i> , National Research Foundation of Korea	2015
<i>Teaching Assistant Scholarship</i> , Seoul National University	2014-2015
<i>Kwanjeong Undergraduate Scholarship</i> , Kwanjeong Educational Foundation	2013
<i>KAIST Undergraduate Scholarship</i> , Korea Advanced Institute of Science and Technology	2009-2010
<i>Korean National Mathematical Olympiad - Bronze Prize</i>	2007

TEACHING EXPERIENCE

University of Houston

Instructor: Corporate Finance (Undergraduate)	Summer 2019
- <i>Mean Evaluation: 4.9/5.0</i>	
Teaching Assistant: Seminar in Investments (PhD), Capital Markets, Portfolio Theory and Practice, Fixed Income (MBA), Investment Management, Principles of Financial Management (Undergraduate)	

OTHER EXPERIENCE

<i>Sergeant</i> , The Official Residence of the Chief of Staff of the Korean Army	2011-2012
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