HYUNG JOO KIM

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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

1. **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*

2. **Volatility Risk and Monotonic Pricing Kernels**, with Steven Heston and Kris Jacobs
   - *Revise and Resubmit, Review of Financial Studies*

3. **A New Closed-Form Discrete-Time Option Pricing Model with Stochastic Volatility**, with Steven Heston and Kris Jacobs

4. **Characterizing the Conditional Pricing Kernel: A New Approach**

WORK IN PROGRESS

5. **Option Prices and Local Estimation**, with Dong Hwan Oh

6. **Volatility and Risk Premia in Term Structure Models**, with Hitesh Doshi and Kris Jacobs

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

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

TEACHING EXPERIENCE

University of Houston

Instructor: Corporate Finance (Undergraduate) — Summer 2019
- Mean Evaluation: 4.9/5.0

Teaching Assistant: Seminar in Investments (PhD),
Capital Markets, Portfolio Theory and Practice, Fixed Income (MBA),
Investment Management, Principles of Financial Management (Undergraduate)

OTHER EXPERIENCE

Sergeant, The Official Residence of the Chief of Staff of the Korean Army — 2011-2012