

# Do Lee

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## Contact Information

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## Education

Ph.D. Candidate in Economics, New York University (NYU), May 2026 (expected)  
B.A. in Economics and B.S. in Mathematics, University of Chicago, June 2017

## Job Market Paper

### [“Belief Distortions and Unemployment Fluctuations”](#)

This paper studies unemployment fluctuations when expectations deviate from a rational benchmark. By using survey forecasts, I decompose variation in job filling rates, a key determinant of unemployment dynamics. Under subjective beliefs, hiring is driven by predictable errors in expected cash flows, while discount rates play a limited role. In contrast, rational expectations assign a dominant role to discount rates. A model in which firms engage in constant-gain learning about mean earnings growth can reproduce these findings.

## Publications

### [“Media Sentiment and International Asset Prices”](#)

(with Samuel Fraiberger, Damien Puy, and Romain Ranciere),  
*Journal of International Economics*, 2021, 133(C): 103526

### [“Demand Conditions and Worker Safety: Evidence from Price Shocks in Mining”](#)

(with Kerwin Kofi Charles, Matthew Johnson, and Melvin Stephens, Jr.),  
*Journal of Labor Economics*, 2022, 40:1, 47-94

### [“Small and Vulnerable: Small Firm Productivity in the Great Productivity Slowdown”](#)

(with Sophia Chen),  
*Journal of Financial Economics*, 2023, 147(1): 49-74

### [“280 Characters to Employment: Using Twitter to Quantify Job Vacancies”](#)

(with Boris Sobol, Manuel Tonneau, Samuel Fraiberger, and Nir Grinberg),  
*Proceedings of the International AAAI Conference on Web and Social Media*, 2024, 18(1), 1477-1489.

## Working Papers

### [“Zombies on the Brink: Evidence from Japan on the Reversal of Monetary Policy Effectiveness”](#)

(with Gee Hee Hong and Deniz Igan),  
*BIS Working Paper* No. 987, 2022

### [“Inflation and Labor Markets: A Bottom-Up View”](#)

(with Sophia Chen, Deniz Igan, and Prachi Mishra),  
*IMF Working Paper* No. 220, 2024

### [“Divergence in Post-Pandemic Earnings Growth: Evidence from Micro Data”](#)

(with Sophia Chen),  
*IMF Working Paper* No. 222, 2024

### [“Can Social Media Reliably Estimate Unemployment?”](#)

(with Samuel Fraiberger, Nir Grinberg, Boris Sobol, and Manuel Tonneau), 2025

## **Research Experience**

2022-Present	Research Assistant for Prof. Sydney Ludvigson, Francesco Bianchi, and Sai Ma, NYU
2021-2023	Research Assistant for Prof. Shan Ge, NYU
2020-2021	Research Assistant for Samuel Fraiberger, World Bank
2017-2019	Research Assistant for International Monetary Fund (IMF) Research Department
2016-2019	Research Assistant for Prof. Kerwin Charles and Matthew Johnson, University of Chicago
2016	Research Assistant for Prof. Derek Neal, University of Chicago
2015	Research Assistant for Prof. Martina Viarengo, Woodrow Wilson Center

## **Teaching Experience**

2021-2023	Teaching Assistant for ECON-GA 1101 Applied Statistics & Econometrics I-II (Master), with Prof. Banani Nandi, Bruce McNevin, and Elena Goldman, NYU
2020	Teaching Assistant for ECON-UG 12-001 Intermediate Macroeconomics (Undergraduate), with Prof. Jess Benhabib, NYU

## **Other Employment**

2013-2015	Sergeant, Republic of Korea Army Capital Corps
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## **Presentations**

2025 (Scheduled)	2025 RCEA International Conference in Economics, Econometrics, and Finance; Behavioural Finance Working Group 18 <sup>th</sup> Annual Conference; 13th World Congress of the Econometric Society
2022	8th International Conference on Computational Social Science, University of Chicago
2021	24th Central Bank Macroeconomic Modeling Workshop, Bank of Chile
2021	52nd Money Macro and Finance Annual Conference, University of Cambridge
2020	IMF Asia and Pacific Department Virtual Seminar
2019	IMF Macro-Financial Research Seminar

**Refereeing:** American Economic Journal: Macroeconomics, IMF Economic Review, Journal of International Money and Finance, Journal of Economic Studies, North American Journal of Economics and Finance

**Languages:** English (fluent), Korean (native)

**Programming:** Python, R, Matlab, Stata, Spark, SQL