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## NEW YORK UNIVERSITY

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Placement Director: Jaroslav Borovička	<a href="mailto:jaroslav.borovicka@nyu.edu">jaroslav.borovicka@nyu.edu</a>	347-899-6273
Graduate Administrator: Ian Johnson	<a href="mailto:ian.johnson@nyu.edu">ian.johnson@nyu.edu</a>	212 998-8901

### **Education**

Ph.D. in Economics, New York University, 2019-2026 (expected)  
B.A. in Economics and B.S. in Mathematics, University of Chicago, 2011-2017

### **References**

Professor Sydney Ludvigson  
19 West Fourth St., 6<sup>th</sup> Floor  
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Professor Daniel Greenwald  
44 West Fourth St., 9-97  
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Professor Virgiliu Midrigan  
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New York, NY 10012-1119  
212-992-8081 (office)  
[virgiliu.midrigan@nyu.edu](mailto:virgiliu.midrigan@nyu.edu)

**Fields:** Asset Pricing, Macroeconomics, Behavioral Finance

### **Publications**

[“Small and Vulnerable: Small Firm Productivity in the Great Productivity Slowdown”](#)  
(with Sophia Chen),  
*Journal of Financial Economics*, 2023, 147(1): 49-74

[“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

[“Media Sentiment and International Asset Prices”](#)  
(with Samuel Fraiberger, Damien Puy, and Romain Ranciere),  
*Journal of International Economics*, 2021, 133(C): 103526

### **Research Papers**

[“Belief Distortions and Unemployment Fluctuations”](#)  
(Job Market Paper), 2025

[“The Prestakes of Stock Market Investing”](#)  
(with Francesco Bianchi, Sydney Ludvigson, and Sai Ma), 2025

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

(with Samuel Fraiberger, Nir Grinberg, Boris Sobol, and Manuel Tonneau),  
*PNAS Nexus*, Forthcoming 2026.

[“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

[“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.

[“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

**Teaching Experience**

- |           |  |
|-----------|--|
| 2021-2023 | Applied Statistics & Econometrics I-II (Master’s), New York University, Teaching Assistant for Professors Banani Nandi, Bruce McNevin, and Elena Goldman |
| 2020      | Intermediate Macroeconomics (Undergraduate), New York University, Teaching Assistant for Professor Jess Benhabib   |

**Research Experience and Other Employment**

- |           |  |
|-----------|--|
| 2022-2025 | New York University, Research Assistant for Professors Sydney Ludvigson, Francesco Bianchi, and Sai Ma                   |
| 2021-2023 | New York University, Research Assistant for Professor Shan Ge  |
| 2020-2021 | World Bank, Research Assistant for Samuel Fraiberger   |
| 2017-2019 | International Monetary Fund (IMF), Research Department, Macro-Financial Division, Research Analyst Program (RAP)         |
| 2016-2019 | University of Chicago, Research Assistant for Professors Kerwin Charles and Matthew Johnson                              |
| 2016      | University of Chicago, Research Assistant for Professor Derek Neal   |
| 2015      | Woodrow Wilson Center, Research Assistant for Professors Steven Lagerfeld, Edward Schumacher-Matos, and Martina Viarengo |
| 2013-2015 | Republic of Korea Army Capital Corps, Sergeant   |

**Honors, Scholarships, and Fellowships**

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|-----------|--|
| 2019-2024 | New York University, Henry M. McCracken Fellowship |
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**Seminars and Presentations**

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|------|---|
| 2026 | American Finance Association Annual Meeting (Scheduled)   |
| 2025 | RCEA International Conference in Economics, Econometrics, and Finance;<br>Behavioural Finance Working Group 18 <sup>th</sup> Annual Conference;<br>International Conference on Empirical Economics;<br>13th World Congress of the Econometric Society;<br>Southern Economic Association (Scheduled) |

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 Division 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

**Programming:** Python (with TensorFlow and PyTorch), R, MATLAB, Stata, Spark, SQL

**Citizenship:** Republic of Korea (South)