

CONTACT Mitch Daniels School of Business E-mail: wang4578@purdue.edu
Purdue University Homepage: <https://wqian52.github.io/>

EDUCATION Ph.D. in Management (Finance) 2019–2026 (expected)
Mitch Daniels School of Business (March 2023–April 2024 maternity leave)
Purdue University West Lafayette, IN
M.S. in Economics 2019–2021
Purdue University West Lafayette, IN
Master of Finance 2017–2018
University of California, Riverside Riverside, CA
B.A. in Economics 2010–2014
Sun Yat-sen University Guangdong, China

RESEARCH INTERESTS Empirical Corporate Finance, Cost of Capital, Capital Structure, Small Business, Financial Intermediation, Bankruptcy, Corporate Governance, Household Finance, Real Estate Finance, FinTech, AI in Finance

WORKING PAPERS **Negative Capital Shock, Overseas Buyers, and Housing Market** (Job Market Paper)
Abstract: In this paper, I explore the implications of a negative capital shock from China on local housing markets. By leveraging China's implementation of stricter foreign exchange purchase quota management for its citizens as an exogenous negative demand shock on foreign Chinese buyers in the US single-family homes market, my analysis reveals substantial effects on local housing assets. Not only did the volume of house transactions by foreign Chinese buyers significantly decline compared to other foreign ethnicities (Indian and Russian), but house prices also significantly dropped in neighborhoods that are popular among Chinese buyers. However, the magnitude of price drop is smaller than expected, especially when compared to positive demand shocks of similar magnitude reported in the literature. Additionally, the elasticity of housing supply, as implied by such a negative demand shock, is higher than that reported in existing literature. My findings explain why cross-border restrictions on capital inflows have had limited effects on local house prices and indicate that capital withdrawals by large corporate investors similarly may exert limited impact.
Selected Presentations: FMA (2025 scheduled), AREUEA National (2025), MFA (2025), AFA PhD Student Poster Session (2025)

Where Do Small Firms Get Debt Financing? (with Sergey Chernenko)

Revise & Resubmit, Journal of Financial Intermediation

Abstract: We use detailed claim-level data from bankruptcy filings to study the types and sources of debt financing used by small firms. About half of firms in our data borrow from multiple lenders; 29% borrow from both bank and nonbank lenders. Only 29% of firms borrow exclusively from banks. We report detailed descriptive statistics on the types of debt used by small firms: credit cards, lines of credit, receivables financing, equipment financing, mortgages, and term loans. The smallest firms rely more on credit cards, receivables and equipment financing, while larger firms rely more on mortgages and lines of credit. Only half of the loans in our data are associated with UCC financing statements, calling for caution in using UCC filings as a proxy for small business lending. We examine the association between the structure of the local banking markets and the composition and sources of small business debt financing. Deposit concentration is associated with significantly lower share of bank debt, especially credit cards. Firms in counties with high deposit concentration appear to substitute to receivables financing and to mortgages from nonbank lenders. In counties with larger banks, small firms also substitute from bank to nonbank lenders. Finally, we investigate the presence of racial disparities in the utilization of different types and sources of debt financing. Black-owned firms rely significantly less on credit cards and receivables financing and more on mortgages. Asian-owned firms are significantly less likely to get their debt from banks than observably similar white-owned firms.

Racial Disparities in Home Sales to Large Investors (with Sergey Chernenko)

Abstract: By matching self-reported race from voter registration data to property deed records, we find that Black, Hispanic, and Asian homeowners are significantly more likely than White homeowners to sell directly to large buy-to-rent institutional investors. However, only Black homeowners exhibit a higher propensity to sell to iBuyers, while Hispanic and Asian homeowners do not. We also show that access to Black real estate agents in one's neighborhoods mitigates this racial disparity among Black sellers. Moreover, Black homeowners who face larger price discounts in home sales are more inclined to transact directly with both types

of large investors. Finally, even after controlling for the cash payment method, both institutional investors and iBuyers pay premiums to minority home sellers, suggesting that their algorithmic pricing strategies help narrow racial price gaps in the housing market, especially for Black sellers.

WORK IN PROGRESS

Incorporating Address Histories into BIFSG for Enhanced Race Prediction (with Sergey Chernenko)

Abstract: Although Bayesian Improved First Name and Surname Geocoding (BIFSG) has been widely used in academic research to infer race, its reliance on a single, static geographic snapshot introduces notable misclassification errors. For example, an individual who moves from one Black-dominant tract to another Black-dominant tract is more likely to be Black – a nuance that a one-time geocode would miss. Therefore, we incorporate multiple address histories into BIFSG to improve its predictive accuracy.

Age and Rental Discrimination: Can Institutional Landlords Mitigate Bias? (with Qianfan Wu)

Abstract: Anecdotal evidence from China suggests that older adults face severe landlord discrimination when downsizing to rental housing. Leveraging the rise of large buy-to-rent institutional investors as a natural experiment, we assess whether similar age bias exists in the US and whether these landlords mitigate such discrimination by eliminating in-person renter screening.

CONFERENCE AND SEMINAR PRESENTATIONS

2025: FMA Annual Meeting (×2, scheduled), FDIC Bank Research Conference (scheduled), International Review of Finance Conference, AREUEA National Regular Session and Junior Scholar Session, MFA Annual Meeting, AFA PhD Student Poster Session, Purdue Krannert Finance Brown Bag

2024: FMA Doctoral Student Consortium, Florida State University Truist Seminar, Purdue Krannert Doctoral Research Symposium, Purdue Krannert Finance Brown Bag (×2)

TEACHING EXPERIENCE

Introduction to Financial Management, Instructor, Purdue University	Spring 2022
Corporate Finance, TA for Prof. Deniz Yavuz, Purdue University	Spring 2021, Fall 2019
Corporate Mergers and Acquisitions, TA for Prof. Sergey Chernenko, Purdue University	Fall 2021
Financial Management, TA for Prof. John McConnell, Purdue University	Fall 2020
Investment Management, TA for Prof. Chengdong Yin, Purdue University	Spring 2020
Personal Finance Workshop, Instructor, UC Riverside	Spring 2019

PROFESSIONAL EXPERIENCE

Research Assistant, Quarterly Journal of Finance, Midwest Finance Association	2018-2019
Associate Manager, R&D Department, Hangzhou Lianhe Credit Rating & Consulting Co Ltd	2016-2017
Analyst, Hangzhou Lianhe Credit Rating & Consulting Co Ltd	2014-2015

TECHNICAL CODES AND REPORTS

Key Drafter, Zhejiang Provincial Industry Standard, DB33/T 2081–2017: Service and Management Codes for Financial Leasing Enterprises

HONORS AND AWARDS

AREUEA Junior Scholar	2025
AFA PhD Student Travel Grant	2025
Purdue Graduate Student Government Travel Grant	2024
Krannert Certificate for Excellent Teaching Award, Purdue University	2022
Krannert Doctoral Student Research Fund, Purdue University	2021
Krannert Award for Doctoral Study in Finance, Purdue University	2019–2023
Half Scholarship from the Graduate Program in Finance, UC Riverside	2017–2018
First Prize Scholarship of Excellent Students, Sun Yat-sen University	2013
National Encouragement Scholarship, Sun Yat-sen University	2011–2012

SERVICE

Ad hoc reviewer for the European Journal of Finance

SKILLS, AND OTHER

Programming: Python, Stata, LaTeX, R, SQL
 Databases: Verisk (Infutor), HMDA, PACER, S&P Capital IQ, Compustat, CRSP, BoardEx, IBES, D&B
 Hoovers, Bloomington, LSEG (Refinitiv), Dewey, ISS, Factiva
 Affiliation: Certified Financial Risk Manager
 Languages: English (fluent), Mandarin (native)
 Personal: Married with one son
 Other: U.S. Permanent Resident (Green Card Holder)

REFERENCES

Sergey Chernenko (chair)
Associate Professor of Finance
Mitch Daniels School of Business
Purdue University
+1 (765) 494-4133
schernen@purdue.edu

Michael D. Eriksen
Professor of Economics
Mitch Daniels School of Business
Purdue University
+1 (765) 494-4440
meriksen@purdue.edu

M. Deniz Yavuz
Associate Professor of Finance
Mitch Daniels School of Business
Purdue University
+1 (765) 494-1337
myavuz@purdue.edu

Jean Helwege
Professor of Finance
School of Business
University of California, Riverside
+1 (951) 827-4284
helwege@ucr.edu

Ha Diep Nguyen
Assistant Professor of Finance
Mitch Daniels School of Business
Purdue University
+1 (765) 494-7818
nguyenhd@purdue.edu