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Rochester, NY

Contact

Simon Business School Information

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EDUCATION University of Rochester

Ph.D. in Finance 2015–2021 (expected)

Johns Hopkins University Baltimore, MD

M.S., Applied Mathematics and Statistics 2013 - 2015

Central University of Finance and Economics Beijing

B.S., Mathematical Economics 2009-2013

Research Interests

Empirical asset pricing, institutional investors (e.g., mutual funds and hedge funds), short selling and securities lending, real effects of financial markets

Working Papers

Predicting Active Fund Performance with Aggregate Idiosyncratic Volatility Job Market Paper

Abstract: This paper shows that aggregate idiosyncratic volatility (AIV) is a key determinant of active funds' ability to generate superior performance. Using the sample of active US equity mutual funds from 1984 through 2019, I find that AIV positively predicts benchmark-adjusted fund returns, and its predictive power is stronger for funds that deviate more from passive benchmarks. The predictability of AIV is also significant for active mutual funds in 47 equity markets and equity hedge funds in the US. I then explore two non-mutually exclusive explanations for these findings: 1) active funds require a reward for accommodating exogenous asset demands and AIV drives their risk-bearing capacity (i.e., the risk view); and 2) they profit from private signals about firms' fundamentals and AIV proxies for aggregate flows of fundamental news (i.e., the information view). Additional analyses provide evidence consistent with the risk view. First, on average, active mutual funds scale back their active positions when AIV rises. Second, funds that do not reduce active positions earn larger abnormal returns following high AIV levels. Third, a substantial AIV shock leads to a temporary impact on stock prices. The evidence during the COVID-19 crisis also corroborates the risk view.

Does Media Investor Identity Affect Its Coverage? The Role of Common Ownership with Zhao Jin and Yucheng (John) Yang

Abstract: We study whether institutional investors affect media coverage of firms in their portfolio through their ownership in media firms. We hypothesize that the blockholders of a publicly traded media outlet affect this media outlet's coverage of their portfolio firms in their interests. Consistent with this hypothesis, we find that a news outlet issues more positive articles covering the firms in its blockholders' portfolios. In addition, the results are stronger when the covered firms have higher weights in the blockholders' portfolios. Our results are robust when we control for firm fundamentals by exploiting within firm-quarter variation in media ownership and coverage, providing evidence that the effect is causal. Overall, our findings suggest that institutional investors influence media coverage through their media ownership.

Working In Progress

Securities Lending Fees and Pricing Under Asymmetric Information with Ron Kaniel and Christian Opp

- We show theoretically and empirically that asymmetric information plays a critical role in determining securities lending fees, market structure, and equilibrium pricing.
- Preparing the first draft

What Do Managers Learn From Stock Prices? Evidence From Cross-border Mergers and Acquisitions with Yucheng (John) Yang

- We show that acquirers' managers make M&A decisions based on the information that they learned from their stock prices about targets' country-specific information.
- Finished the main results and conducting tests on economic mechanisms

Agglomeration Investing As Mutual Fund Manager Skill with Zhao Jin

- We show that some fund managers generate large abnormal returns by exploiting the benefits of industrial agglomeration of their holdings firms.
- Finished the main results and conducting tests on economic mechanisms

Awards	Doctoral Fellowship, University of Rochester	2015 – 2021
	National Scholarship in China (Awarded to the top 1% of the calss)	2010
Workshops	Office of Financial Research (OFR) PhD Symposium	2020
	Finance Theory Group Summer School	2017

Teaching

Instructor:

EXPERIENCE

• Laboratory for Quantitative Finance with Python	2018, 2019
Instructor score: $4.1/5.0$ in 2018 , $4.6/5.0$ in 2019	
o Ph.D. Summer Math Camp: Real Analysis	2018, 2019
Instructor score: 4.0/5.0 in 2018, 5.0/5.0 in 2019	

Teaching Assistant:

 Options and Futures Market 	2019
 Investment Management and Trading Strategies 	2017, 2018, 2019
• Fixed Income	2017
o Risk Management	2016
o Investment	2016

SKILLS Python, MATLAB, SAS, Stata

References

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