

## Yangen Li

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### EDUCATION

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The University of Iowa, Iowa City, IA, United States

**Ph.D. Candidate in Finance**

2026(expected)

Oklahoma State University, Stillwater, OK, United States

**M.Sc. in Quantitative Financial Economics**

2019-2021

China University of Petroleum, Beijing, China

**M.Sc. in Chemical Engineering and Technology**

2016-2019

Beijing University of Chemical Technology, Beijing, China

**B.A. in Chemical Engineering and Technology**

2012-2016

### QUANTITATIVE BACKGROUND

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Advanced Econometrics, Stochastic Calculus, Mathematical Statistics, Computational Finance, Time Series Analysis

### AREAS OF RESEARCH INTEREST

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Empirical Asset Pricing, Machine Learning, Stock Price prediction. Corporate Finance

### WORKING PAPERS

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**Short Selling amid Stock Market Turmoil: Evidence from 2020 Coronavirus Market Crash**, with Deng, Xiaohu.

- Present at Southwestern Finance Association (SWFA) Annual Conference 2021

*Abstract: Many countries around the world reacted to the COVID-19 crisis by imposing bans on short selling. Using firm level short selling data and order level stock trading data, we identify the effect of short selling on stock price behaviors around the Coronavirus crash. We find that in general short selling is positively associated with both volatility and price discovery, before and during the market crash. Moreover, short selling does not further increase volatility or slow down price discovery during the market crash, relative to pre-crash period. Interestingly, we find that short selling has a negative impact on volatility when stock market crashes most significantly.*

### OTHER RESEARCH PROJECTS

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Study of Price Chart Patterns in the Stock Market

*Abstract: Technical analysis is the study of predicting future asset prices using historical information. Rather than testing predetermined distributions or patterns, we are considering adopting a new method known as Matrix Profile to study price charts directly. The price chart at the stock level will be the primary focus of our investigation. We find that certain stock price patterns tend to repeat frequently. In addition, the repeating price chart we identified has a certain level of predictive potential, even out of sample.*

## ACADEMIC APPOINTMENTS

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### Oklahoma State University, SPEARS SCHOOL of BUSINESS

08/2019- 05/2021 Graduate Teaching Assistant

- Fall, 2019 FIN 4223/5223 Investment Theory & Strategy
- Spring, 2020 FIN 4813/5550 Portfolio Management
- Fall, 2021 FIN 4223/5223 Investment Theory & Strategy

### The University of Iowa, Tippie College of Business

01/2023- 05/2023 Leading discussion for Introduction to Financial Management

### China University of Petroleum

06/2016-08/2018 Project Assistant

### Beijing University of Chemical Technology

12/2015-05/2016 Lab Assistant

## AWARDS

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08/2019-05/2021	Oklahoma State University Spears School of Business Full Graduate Scholarship
09/2018	China University of Petroleum Scholarship for the Year 2018-2019
09/2017	China University of Petroleum Scholarship for the Year 2017-2018
09/2016	China University of Petroleum Scholarship for the Year 2016-2017
05/2013	Student News Center Excellent Cadres at Beijing University of Chemical Technology

## SKILLS

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### Statistical Software and Computer Programs:

SAS (Proficient); Python (Proficient); Stata (Working Knowledge); R (Working Knowledge); Microsoft Office (Expert); and Excel VBA (Working Knowledge)

**Language:** Fluent in English; Native in Mandarin