# Luxi (Lucy) Wang

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# ACADEMIC APPOINTMENT

# Research Associate in Empirical Finance 2023-University of Cambridge • Affiliated with Trinity College and Cambridge Endowment for Research in Finance (CERF) Professional Appointment **Advisory Editor** 2023-Review of Financial Studies Education Ph.D. in Finance 2018-2023 University of Pittsburgh M.A. in Economics 2016-2018 University of Pittsburgh M.A. in Economics 2013-2016 Peking University B.A. in Economics (Major in Finance) 2009-2013 Sichuan University Research Interest

TUDOBITION IN TRIBUDO

Empirical Corporate Finance, Mergers and Acquisitions, Innovation, Inventors

# **Publications**

- 1. Housing Booms and Bank Growth, with Mark Flannery and Leming Lin, Journal of Financial Intermediation, 52, 100993, 2022
- 2. Corporate Cash Holdings with David Denis, Handbook of Corporate Finance, 2024

#### Working Papers and Selected work in Progress

• The Human Capital Reallocation of M&As: Inventor-level analysis (Job Market Paper)

Abstract: Mergers and acquisitions (M&As) of innovative firms lead to significant inventor restructuring, with high turnover among target inventors. Following M&As, both retained and departing inventors show increased patenting performance. Acquirers retain productive inventors whose expertise aligns with the merging firms, while external hires bring knowledge from non-core areas. Productivity gains for inventors switching jobs are concentrated among non-top performers and those with higher technological overlap at their new employers. These findings suggest that M&As reduce labor market frictions for inventors, reallocating them to more valuable roles within and beyond the merging firms.

Presentations: CMU-Pitt-PSU Finance Conference, 2022; E(uropean)FA Doctoral Tutorial, 2022; FMA Doctoral Consortium, 2022; AFA PhD Poster Session, 2023; Trans-Atlantic Doctoral Conference, 2023; CUHK-Shenzhen, 2023 (Virtual); Alliance Manchester Business School, 2023; Unversity of Cambridge CERF Lunch, 2024; CERF Cavalcade, 2024; EUROFIDAI-ESSEC Paris December Finance Meeting, 2024(Scheduled); AFFECT Workshop, 2025 (Scheduled)

CERF Alumni Society (CERFAS) Best Paper Award, 2024

# • Innovation Ripples: The Impact of Departed Inventors after M&As

Abstract: This paper studies the impact of departed inventors after M&As on non-merging firms. Following M&As in innovative firms, the non-merging firms hiring these departed inventors from merging firms significantly improve their patenting performance. Further, I use the state-level variation in the enforceability of non-compete agreements as an instrument for the firms hiring these inventors to establish the causal relationship of the spillover effect. The existence of positive spillover effects suggests that the benefits of mergers are plausibly underestimated and extend beyond the merging companies.

Presentations: FMA New idea Session, 2024

• Antitrust Regulations and Corporate Innovation Strategies: Evidence from the 2010 Horizontal Merger Guidelines, with Gaurav Kankanhalli and Daniel Ferres

Abstract: This study investigates how changes in the stringency of antitrust regulations concerning anti-competitive mergers and acquisitions (M&As) influence firms' innovation strategies. We do so by exploiting the 2010 United States Department of Justice and Federal Trade Commission announcement of revised horizontal merger guidelines, which represented a notable relaxation of various thresholds concerning the classification of anti-competitive M&A deals. We measure firms' exposures to the revised guidelines by examining market reactions to their initial announcement, and identify firms with positive Cumulative Abnormal Returns (CARs). Using a difference-in-differences approach, we attribute the value creation to two channels: (1) market power channel, where exposed firms show improved operating performance, and (2) innovation channel, where exposed firms' innovation performance improves in terms of the number and economic value of the patents they file. Focusing on the latter channel, we provide novel evidence that exposed firms increase their collaborative innovation. Our results shed new light on an important yet indirect potential consequence of relaxed antitrust enforcement in altering the costs and benefits of firms engaging in innovation collaboration with peers.

- ESG-driven Corporate Divestments, with Frederik Schlingemann and René Stulz
- Firm innovation and Accounting Quality, with Jenny Chu and Kai Wai Hui

#### Conference Presentations and Discussions

- 2025: AFFECT Workshop (Scheduled)
- 2024: EUROFIDAI-ESSEC Paris December Finance Meeting (Scheduled), FMA New Idea Session, CERF Cavalcade
- 2023: CERF Monday Lunch, Nova-Cambridge Finance Workshop (Discussant), Transatlantic Doctoral Conference
- 2022: EFA Doctoral Tutorial, FMA Doctoral Consortium, FMA (Discussant), CMU-Pitt-PSU Finance Conference

#### TEACHING EXPERIENCE

#### Teaching Assistant

Judge Business School, University of Cambridge

• Principles of Finance (MFin)

Michaelmas Term 2023

# Instructor

Katz Graduate School of Business, University of Pittsburgh

- Corporate Finance (Undergrad)
- Math & Econ BootCamp (Incoming Ph.D. students)

2021 Spring, 2021 Fall, 2022 Fall

2018 Summer

#### Teaching Assistant

Katz Graduate School of Business, University of Pittsburgh

• Financial Management (MBA)

2019 Fall

Department of Economics, University of Pittsburgh

- Advanced Macroeconomics I (PhD)
  - Advanced Macroeconomics II (PhD)

2017 Fall

2018 Spring

# Honors & Awards

• CERF Alumni Society (CERFAS) Best Paper Award, University of Cambridge	2024
• The Bernstein Doctoral Teaching Award, University of Pittsburgh	2022
• AFA Student Travel Grant	2022
• Keshav Gupta Award, University of Pittsburgh	2022
• Clarke Family PhD Award, University of Pittsburgh	2021
• Giant Eagle Fellowship, University of Pittsburgh	2018
• National Scholarship, Ministry of Education of China	2015
• Academic Excellence Awards, Peking University	2015
• Excellent Student Awards, Peking University	2014
• First Prize Admission Scholarship, Peking University	2013

# Computer Skills

STATA, Python, MATLAB, SAS, LATEX

# LANGUAGES

English (Fluent), Chinese (Native)

# ACADEMIC SERVICE

Referee: Financial Management

# References

# Dr. David J. Denis (Chair)

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# Dr. Frederik P. Schlingemann

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