

ZAIYAN WEI

Mitchell E. Daniels, Jr. School of Business, Purdue University

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CURRENT POSITION

Associate Professor of Management (with tenure), Purdue University Aug. 2023 – Current

OTHER POSITIONS

Purdue University:

Faculty Affiliate: Dean V. White Real Estate Finance Program 2022 – Current

Purdue FinTech Center 2022 – Current

Krenicki Center for Business Analytics and Machine Learning 2017 – Current

Assistant Professor of Management 2015 – 2023

PBC School of Finance, Tsinghua University:

Academic Committee Member, Xinyuan FinTech Center 2018 – 2023

The University of Arizona:

Research Associate, Department of Management Information Systems (MIS) 2013 – 2015

EDITORIAL BOARD MEMBERSHIP

Editorial Board Member, *Information Systems Research* Jan. 2024 – Current

EDUCATION

The University of Arizona, Ph.D. in Economics May 2015

Shanghai University of Finance and Economics, M.A. in Economics July 2009

Shanghai Jiao Tong University, B.A. in Economics July 2007

RESEARCH INTERESTS

Economics of Information Systems, FinTech, Platform Economics, Social Media and Networks

PUBLICATIONS

Yu Y, Khern-am-nuai W, Pinsonneault A, Wei Z (2023) The impacts of social interactions and peer evaluations on online review platforms. *Journal of Management Information Systems* 40(4): 1271-1300.

Liang S, Law R, Wei Z, Ye Q (2023) Effects of reputation on guest satisfaction: From the perspective of two-sided reviews on Airbnb. *International Journal of Contemporary Hospitality Management* 35(10): 3718-3736 (2022 2-Year IF: 12.228).

Chen W, Wei Z, Xie K (2023) Regulating professional players in peer-to-peer markets: Evidence from Airbnb. *Management Science* 69(5): 2893-2918.

Lin M, Sias R, Wei Z (2023) Experts vs. non-experts in online crowdfunding markets. *MIS Quarterly* 47(1): 97-126.

- Nominee for the Best Paper Award, INFORMS Conference on Information Systems and Technology (CIST), Oct. 2015.

Chen W, Wei Z, Xie K (2022) The battle for homes: How does home sharing disrupt local residential markets? *Management Science* 68(12): 8589-8612.

- Runner-Up for the Best Paper Award, China Summer Workshop on Information Management (CSWIM), Jun. 2018.

Lu K, Wei Z, Chan TY (2022) Information asymmetry among investors and strategic bidding in peer-to-peer lending. *Information Systems Research* 33(3): 824-845.

Alyakoob M, Rahman M, Wei Z (2021) Where you live matters: Local bank competition, online marketplace lending, and disparity in borrower benefits. *Information Systems Research* 32(4): 1390-1411.

Wei Z, Xiao M, Rong R (2021) Network size and content generation on social media platforms. *Production and Operations Management* 30(5): 1406-1426.

Liu X, Wei Z, Xiao M (2020) Platform mispricing and lender learning in peer-to-peer lending. *Review of Industrial Organization* 56(2): 281-314.

Wang Y, Goes P, Wei Z, Zeng D (2019) Production of online word-of-mouth: Peer effects and the moderation of user characteristics. *Production and Operations Management* 28(7): 1621-1640.

- Best Paper Award, CSWIM, Jun. 2017.

Wei Z, Lin M (2017) Market mechanisms in online peer-to-peer lending. *Management Science* 63(12): 4236-4257.

WORKING PAPERS

Under Review:

Yu Y, Yin D, Khern-am-nuai W, Pinsonneault A, Wei Z (2024) Helpful or unhelpful: An empirical investigation of review readers' vote casting.

Zhang X, Wei Z, Du Q, Zhang Z (2024) Social media moderation and content generation: Evidence from user bans.

Holden CW, Lin M, Lu K, Schneemeier J, Wei Z, Yang J (2023) The effect of secondary market closure on primary market liquidity: Evidence from peer-to-peer lending.

In Preparation for Submission:

Kim SJ, Xie K, Chen W, Wei Z (2023) Impact of Short-Term Rentals on Residential Real Estate Investment: Evidence from Airbnb and Zillow.

Kim SJ, Siebert R, Wei Z (2023) Does the “going solo” relationship trend has an effect on the real estate market?

Wang H, Kim SJ, Xie K, Chen W, Wei Z (2023) Should digital platforms share data with governments? Evidence from Airbnb.

- Runner-Up for the Best Paper Award, CIST, Oct. 2022.

Other working papers:

The effect of reputation on consumer satisfaction in sharing economy: Evidence from Airbnb, with S. Liang, R. Law, and Q. Ye.

“Smart money”: Institutional investors in online crowdfunding, with M. Lin and R. Sias.

Dockless bike sharing: Convenience or congestion? Evidence on air quality and housing prices, with Y. Deng and K. Kannan.

AWARDS, GRANTS, AND FELLOWSHIPS

Research Awards:

Krannert Faculty Fellow Award	2022 – 2023
INFORMS Information Systems Society Sandy Slaughter Early Career Award	2022
Runner-Up for the Best Paper Award, CIST	2022
<i>Management Science</i> Meritorious Service Award	2020
Best Paper Runner-Up, 12th CSWIM	2018
Best Paper Award, 11th CSWIM	2017
Nominee for the Best Reviewer Award, 11th CSWIM	2017
Nominee for the Best Paper Award, CIST	2015

Teaching Awards:

Distinguished Instructor of Residential Master's Courses	2019, 2020, 2021, 2022, 2023
Distinguished Instructor of Undergraduate Core Courses	2016, 2018, 2019, 2022
Distinguished Instructor of Weekend MBA Courses	2021
Distinguished Instructor of Ph.D. Courses	2016

Grants and Fellowships:

Krannert STAR Supplement Grant, Purdue University	2023
Krannert STAR Supplement Grant, Purdue University	2022
Marketing Science Institute (MSI) Grant	2019
Purdue Research Foundation (PRF) Grant	2017
Departmental Travel Grant, The University of Arizona	2014, 2015
Green, William I Fellowship, The University of Arizona	2014

ACADEMIC PRESENTATIONS

Seminars and Invited Presentations:

Arizona State University, W.P. Carey School of Business "Should digital platforms share data with governments? Evidence from Airbnb"	Mar. 2024
Purdue University, Board of Trustees Executive Session "The battle for homes: How does Airbnb disrupt housing markets?"	Dec. 2023
University of Wisconsin-Madison, Wisconsin School of Business "Should digital platforms share data with governments? Evidence from Airbnb"	Oct. 2023
University of Florida, Warrington College of Business "Regulating professional players in peer-to-peer markets: Evidence from Airbnb"	Jan. 2023
The University of Texas at Dallas, Naveen Jindal School of Business "Regulating professional players in peer-to-peer markets: Evidence from Airbnb"	Sep. 2022
Purdue University, Krannert School of Management, SCOM Area (Virtual) "The battle for homes: How does home sharing disrupt local residential markets?"	Jan. 2022
University of Washington, Foster School of Business (Virtual) "Regulating professional players in peer-to-peer markets: Evidence from Airbnb."	Apr. 2021
University of Minnesota, Twin Cities, Carlson School of Management (Virtual) "Regulating professional players in peer-to-peer markets: Evidence from Airbnb."	Nov. 2020
Boston University, Questrom School of Business "The effect of secondary market existence on primary market liquidity: Theory and evidence from a natural experiment in peer-to-peer lending."	Feb. 2020
Carnegie Mellon University, Tepper School of Business "Regulating professional players in peer-to-peer markets: Evidence from Airbnb."	Sep. 2019

University of Minnesota, Twin Cities, Carlson School of Management	Oct. 2018
“The survival of noise traders: Evidence from peer-to-peer lending.”	
University of Rochester, Simon Business School	Feb. 2018
“Smart money’: Institutional investors in online crowdfunding”	
University of Cincinnati, Lindner College of Business	Oct. 2017
“Smart money’: Institutional investors in online crowdfunding”	
Tsinghua University, PBC School of Finance	Jun. 2017
“Peer-to-peer lending”	
University of Louisville, Department of Economics	Oct. 2016
“Market mechanisms in online peer-to-peer lending.”	
The University of Arizona, Eller College of Management, Department of MIS	Oct. 2013
“Market mechanisms in online peer-to-peer lending.”	

Conference Presentations (Selected):

2024	20th Symposium on Statistical Challenges in Electronic Commerce Research (SCECR), Lisbon, Portugal
2023	CIST, Phoenix, AZ; Annual American Real Estate and Urban Economics Association (AREUEA) National Conference, Washington D.C. (Discussant)
2022	CIST, Indianapolis, IN; 18th SCECR, Madrid, Spain
2021	The Consortium Friday Seminar Series (Indiana University, virtual); INFORMS Annual Meeting (virtual)
2020	3rd Toronto FinTech Conference, Toronto, Canada (virtual)
2019	Big 10+ MIS & Analytics Research Conference, West Lafayette, IN; POMS Annual Conference, Washington, DC; Platform Strategy Research Symposium, Boston, MA; AMA Summer Academic Conference (AMA Summer), Chicago, IL
2018	INFORMS Annual Meeting, Phoenix, AZ; CSWIM, Qingdao, China
2017	CIST, Houston, TX; AEA/ASSA Annual Conference, Chicago, IL; International Industrial Organization Conference (IIOC), Boston, MA; CSWIM, Nanjing, China; INFORMS Marketing Science Conference, Los Angeles, CA; FMA Annual Meeting, Boston, MA; SFS Cavalcade Asia-Pacific, Beijing, China (Discussant)
2016	CIST, Nashville, TN; AEA/ASSA Annual Conference, San Francisco, CA; INFORMS Annual Meeting, Nashville, TN; IIOC, Philadelphia, PA; 7th Annual Conference on Internet Commerce and Innovation, Chicago, IL; Platform Strategy Research Symposium, Boston, MA; 14th Open and User Innovation Conference, Cambridge, MA
≤ 2015	CIST; IIOC; Workshop on Information Systems and Economics (WISE); Academic Symposium on Crowdfunding, Berkeley, CA; Annual Conference on Internet Commerce and Innovation, Chicago, IL; Platform Strategy Symposium, Boston, MA

MEDIA APPEARANCES

- Kim W. (2023, November 3) *What happened to Airbnb?* Vox. <https://www.vox.com/money/23941827/airbnb-complaints-guests-cleaning-fee-new-york-regulation>
- Purdue University (2023, February 2) *Short-term rentals make housing less affordable.* Research at Purdue. <https://business.purdue.edu/news/features/2023/short-term-rentals.php>
- Durai M. (2021, August 18) *What does Airbnb do to the local housing market? Make it less affordable.* Purdue University News. <https://business.purdue.edu/news/features/?research=7145>
- Purdue University (2021, July 27) *Research shows disparity in borrower benefits between local banks and online lenders.* Purdue University News. <https://business.purdue.edu/news/features/home.php?research=7100>
- Nelson E. (2017, June 19) *Under review.* Purdue University News. <https://business.purdue.edu/news/features/?research=3433>
- Dushnitsky G, Lin M, Mollick E (2016, September 22) *Crowdfunding.* Ewing Marion Kauffman Foundation. <https://web.archive.org/web/20171006223501/https://www.kauffman.org/microsites/state-of-the-field/topics/finance/crowdfunding>

TEACHING

Purdue University:

MGMT 59000 (Online): Data Visualization and Persuasion	Summer 2023, 2024
MGMT 47900 (Undergrad core): Data Visualization	Spring 2023, 2024
A Short Course on Data Visualization (Technical Management Institute)	Spring 2023, 2024
MGMT 59000 (Master): Visual Analytics	Fall 2023
MGMT 38200 (Online): Management Information Systems (MIS)	Summer 2022, 2023
MGMT 58800 (Master): VBA Programming	Spring 2017 – 2021, Summer 2022, Spring 2023
MGMT 69000 (Ph.D.): Machine Learning and Causal Inference	Spring 2023
MGMT 38200 (Undergrad core): MIS	Fall 2015, Spring 2017 – 2020, 2022
MGMT 69000 (Ph.D.): Causal Inference	Fall 2015, 2017, Spring 2020, 2022
MGMT 58800W (Weekend MBA): Business Insights with Spreadsheets	Spring 2018 – 2021

University of Arizona:

MIS 611A (Ph.D.): Design Science (Guest lectures on game theory)	Spring 2014, 2015
ECON 361 (Undergrad core): Intermediate Microeconomics	Summer 2013

MEMBER OF COMMITTEE FOR DOCTORAL STUDENTS

As Chair or Co-Chair:

Sung Joo Kim	Purdue University (in progress)
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As Committee Member:

Ilango Guru Muniyasamy, Ph.D. in Management Initial placement: University of South Florida	Purdue University, 2024
Xiaohui Zhang, Ph.D. in Information Systems Initial placement: University of Wisconsin-Milwaukee	Arizona State University, 2024
Sameer Borwankar, Ph.D. in Management Initial placement: McGill University	Purdue University, 2023
Jianing Ding, Ph.D. in Management Initial placement: Alibaba	Purdue University, 2023
Yipu Deng, Ph.D. in Management Initial placement: The University of Hong Kong	Purdue University, 2021
Vandith Pamuru, Ph.D. in Management Initial placement: Indian School of Business	Purdue University, 2020

Visiting Doctoral Students:

Sai Liang, Ph.D. in Management Initial placement: Nankai University	Harbin Institute of Technology, 2018
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OTHER EDITORIAL SERVICE

Selected Journal Reviews:

European Journal of Operational Research
Information Systems Research
International Journal of Contemporary Hospitality Management
Journal of the Association for Information Systems
Journal of Corporate Finance
Journal of Economics and Management Strategy
Journal of MIS
Management Science
Manufacturing & Service Operations Management
MIS Quarterly
Organization Science
Production and Operations Management
RAND Journal of Economics

Conference editorial board membership:

2023 International Conference on Information Systems (ICIS)
2020 International Conference on Information Systems (ICIS)
2017 European Conference on Information Systems (ECIS)

Conference reviews:

- INFORMS Conference on Information Systems and Technology (CIST)
- International Conference on Information Systems (ICIS)
- Workshop on Information Technology and Systems (WITS)
- China Summer Workshop on Information Management (CSWIM)
- AMA Summer

Grant proposal/dissertation competition reviews:

- Alden G. Clayton Doctoral Dissertation Competition (MSI)
- Israel Science Foundation (ISF)

OTHER ACADEMIC SERVICES

National and International:

- Treasurer of the eBusiness Cluster at 2024 INFORMS Annual Meeting, Seattle, WA
- Co-chair of the eBusiness Cluster at 2023 INFORMS Annual Meeting, Phoenix, AZ
- Co-chair for 2022 CIST, Indianapolis, IN
- Chair of the FinTech Cluster at 2022 INFORMS Annual Meeting, Indianapolis, IN
- Session Chairs: INFORMS Annual Meeting; POMS Annual Conference

University and College:

- Faculty Mentor of Adobe Analytics Challenge (Purdue) 2023 – 2024
- Faculty Recruiting Committee (MIS, Purdue) 2015 – 2016, 2017 – 2018, 2022 – 2024
- Faculty Recruiting Committee (Real Estate Finance Program, Purdue) 2023 – 2024
- Promotion and Review Committees (Purdue) 2023 – 2024
- Undergraduate Curriculum Committee (Purdue) 2023 – 2024
- Ph.D. Admission Committee (Purdue) 2015 – 2018, 2022 – 2023
- Krannert Research Data Initiative Competition Committee (Purdue) 2022 – 2023
- Ph.D. Project, University Fair (Purdue) 2023
- FinTech Committee (Purdue) 2021 – 2022
- MBA/Weekend MBA Committee (Purdue) 2019 – 2021
- Digital Footprint Committee (Purdue) 2018 – 2019
- Graduate Club Oversight Committee (Purdue) 2017 – 2018

Others:

- Advisory Board: CrowdReviews.com 2016 – Current

MEMBERSHIP

Association for Information Systems (AIS)

Institute for Operations Research and Management Science (INFORMS)

Production and Operations Management Society (POMS)