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| Current Position | University of California San Diego - Rady School of Management Assistant Professor of Innovation, Technology, and Operations | 2019 - current |
| Education | Carnegie Mellon University Ph.D. Information Systems and Management (Economics of IT) Thesis: Essays on the Societal Impact of Information Technology - <i>Runner-up Best ACM SIGMIS Dissertation Award 2019</i> | 2013 – 2019 |
| | Stanford University B.A. Economics (with Honors) B.S. Mathematical & Computational Sciences | 2006 – 2010 |
| Previous Work Experience | Facebook Research Research Scientist (Core Data Science) - Society and AI Lab | New York, NY 2018 |
| | U of Chicago - Data Science for Social Good Fellowship Fellow | Chicago, IL 2016 |
| | DataKind Data Creative | New York, NY 2014 |
| | Propel / Significance Labs Advisor | New York, NY 2014 |
| | NRDC Research Assistant | Washington, DC 2012 |
| Journal and Proceedings Publications | 1. Jeanselme, Vincent [†] , De-Arteaga, Maria*, Zhang, Zhe* , Barrett, Jessica, & Tom, Barrett (2022). Imputation Strategies Under Clinical Presence: Impact on Algorithmic Fairness. <i>Proceedings of the 2nd Machine Learning for Health Symposium (ML4H), in Proceedings of Machine Learning Research (PMLR)</i> , Vol. 193, pp. 1234. 2. Abhishek, Vibhanshu*, Guajardo, Jose A.*, & Zhang, Zhe* (2021). Business models in the sharing economy: Manufacturing durable goods in the presence of peer-to-peer rental markets. <i>Business Models in the Sharing Economy: Manufacturing Durable Goods in the Presence of Peer-to-Peer Rental Markets. Information Systems Review</i> . - Media coverage in <i>MIT Sloan Management Review</i> . 3. Zhang, Zhe , & Li, Beibei (2017). A Quasi-experimental Estimate of the Impact of P2P Transportation Platforms on Urban Consumer Patterns. <i>Proceedings of KDD '17, Halifax, Canada</i> DOI: 10.1145/3097983.3098058 4. Zhang, Zhe , & Neill, Daniel B. (2017). Identifying Significant Bias in Predictive Classifiers. <i>Proceedings of the Workshop on Fairness, Accountability, and Transparency in Machine Learning (FAT-ML aka ACM FAccT)</i> | |
| <small>* = equal contribution, † = PhD student</small> | | |

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| Conference Presentations | <ul style="list-style-type: none"> - INFORMS Workshop on Data Science 2025 - Conference on Information Systems and Technology (CIST) 2025 - Workshop on A.I. and Analytics for Social Good 2025 - Production and Operations Management Society (POM) 2025 - Artificial Intelligence in Management (AIM) at USC 2025 - Workshop on Information Systems and Economics (WISE) 2024 - Conference on Information Systems and Technology (CIST) 2024 - Statistical Challenges in E-Commerce Research (SCECR) 2024 - Theory in Economics of Information Systems (TEIS) 2024 - Workshop on Information Systems and Economics (WISE) 2023 - Statistical Challenges in E-Commerce Research (SCECR) 2023 - Production and Operations Management Society (POM) 2023 - Nokia Bell Labs Responsible AI Seminar Series 2023 - Conference on Information Systems and Technology (CIST) 2022 - INFORMS Annual Meeting 2022 - Theory in Economics of Information Systems (TEIS) 2022 - Statistical Challenges in E-Commerce Research (SCECR) Virtual 2021 - Conference on Information Systems and Technology (CIST) Virtual 2020 - NBER Economics of Autonomous and Electric Vehicles Conference 2019 - INFORMS Annual Meeting 2018 - Conference on Information Systems and Technology (CIST) 2018 - Workshop on Information Systems and Economics (WISE) 2017 - Conference on Information Systems and Technology (CIST) 2017 - Statistical Challenges in E-Commerce Research (SCECR) 2017 - Knowledge Discovery and Data Mining (KDD) 2017 - The Marketing Science Conference (ISMS) 2017 - Manufacturing & Service Operations Society Conference (MSOM) 2017 - Production and Operations Management Society (POM) 2017 - Workshop on Information Systems and Economics (WISE) 2016 - Conference on Information Systems and Technology (CIST) 2016 | | | | | | | | | | | | | | | | |
| Invited Talks | <ul style="list-style-type: none"> - University of Texas at Austin - McCombs School of Business 2024 - University of Minnesota - Carlson School of Management 2024 - Nokia Bell Labs Responsible AI Seminar Series 2023 - University of California Davis - Graduate School of Management 2022 | | | | | | | | | | | | | | | | |
| Awards, Fellowships, & Grants | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Finalist (top 4) of INFORMS Best Working Paper for TIMES (Technology, Innovation Management, and Entrepreneurship)</td> <td style="width: 10%; text-align: right;">2025</td> </tr> <tr> <td>Winner of Best Student Paper 2025 POM Conference for PITM (Product Innovation and Technology Management)</td> <td style="text-align: right;">2025</td> </tr> <tr> <td>Best Artificial Intelligence in Management (AIM) PhD Paper - Finalist</td> <td style="text-align: right;">2025</td> </tr> <tr> <td>UC San Diego Academic Senate General Campus Grant</td> <td style="text-align: right;">2023</td> </tr> <tr> <td>Reviewer of the Year - Information Systems Research (ISR) INFORMS</td> <td style="text-align: right;">2020</td> </tr> <tr> <td>Best Dissertation Award ACM/ICIS SIGMIS 2019 - Runner up</td> <td style="text-align: right;">2019</td> </tr> <tr> <td>Best Student Paper Finalist (POMS Supply Chain Management)</td> <td style="text-align: right;">2017</td> </tr> <tr> <td>PNC Center for Financial Services Innovation Research Grant</td> <td style="text-align: right;">2016</td> </tr> </table> | Finalist (top 4) of INFORMS Best Working Paper for TIMES (Technology, Innovation Management, and Entrepreneurship) | 2025 | Winner of Best Student Paper 2025 POM Conference for PITM (Product Innovation and Technology Management) | 2025 | Best Artificial Intelligence in Management (AIM) PhD Paper - Finalist | 2025 | UC San Diego Academic Senate General Campus Grant | 2023 | Reviewer of the Year - Information Systems Research (ISR) INFORMS | 2020 | Best Dissertation Award ACM/ICIS SIGMIS 2019 - Runner up | 2019 | Best Student Paper Finalist (POMS Supply Chain Management) | 2017 | PNC Center for Financial Services Innovation Research Grant | 2016 |
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| NBER Economics of Digitization Workshop Attendee | 2016, 2017 |
| NIPS Workshop Travel Award | 2016 |
| KDD Student Travel Award | 2017 |
| Data Science for Social Good Fellowship | 2016 |

Other Conference Proceedings

Geographic Variation in Opioid Mortality by Race/Ethnicity in the United States, 1999-2016: Identifying epidemic hotspots. Mathew V Kiang, Monica J Alexander, Zhe Zhang, and Jarvis T Chen.

- Presented at PAA 2018: Denver, CO. April, 2018.
- Presented at EPC 2018: Brussels, Belgium. June, 2018.

Invited Tutorials & Panels

1. *“Introduction to Causal Inference for Data Science”*, 2017
Created and taught a 2-day tutorial with Mathew Kiang, PhD, at ITAM in Mexico City.
- Slides and content available at github.com/writezhe/intro-ci-shortcourse
2. *CMU Metro21 Planning Committee*, 2014
3. *NYU Center for Urban Science and Progress (CUSP) Workshop*, 2013

Professional Service & Leadership

Academic Advising

- Xiaofeng Liu (PhD committee) [First job: Baruch College]
- Mengjie Wang (Chair, PhD committee)
- Ping-Chieh Huang (PhD committee)
- Vincent Jeanselme (external PhD student at Cambridge)
- Mohammed Al Suwaidan (PhD committee)

Journal/Archival Conference Reviewer

- Management Science (MNSC)
- Information Systems Review (ISR)
- Management Information Systems Quarterly (MISQ)
- Production and Operations Management Journal (POM)
- Manufacturing and Service Operations Management (MSOM)
- Neural Information Processing Systems (NeurIPS)
- The Accounting Review (TAR)
- Workshop on Information Systems and Economics (WISE)
- International Conference on Information Systems (ICIS)
- Workshop on Information Systems and Technology (WITS)

Overall Conference Chair

- TEIS 2026 Conference Chair (hosted at UC San Diego Rady School of Management)
- KDD 2021 Organizing Committee (Workshop Chair)

Conference Session Chair

- INFORMS 2017 (“Sharing Economy and Peer-to-peer Marketplaces”)

Conference Programming Committee

- CIST 2024, 2023, 2022, 2021, 2020