

Yu-Wei Lin

Department of Information Systems & Analytics, Santa Clara University
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EXPERIENCE

Assistant Professor, Santa Clara University	2022-Present
Research Assistant, University of Illinois at Urbana-Champaign	2016-2022
Teaching Assistant, University of Illinois at Urbana-Champaign	2016-2022
Instructor, University of Illinois at Urbana-Champaign	2020
Research Assistant, University of Texas at Dallas	2015-2016

EDUCATION

University of Illinois at Urbana-Champaign Ph.D. in Business Administration Major: Information Systems	2022
University of Texas at Dallas M.S. in Computer Science	2016
University of Illinois at Urbana-Champaign M.S. in Technology Management	2014
National Taiwan University Bachelor of Information Management	2012

AREA OF INTERESTS

Machine learning in healthcare decision support, Online review analysis, Racial diversity in entertainment industry, Policy and regulations in gig economy

PUBLICATIONS

Articles & Proceedings

Lin, Y., Zhou, Y., Faghri, F., Shaw, M. J., & Campbell, R. H. (2019). Analysis and prediction of unplanned intensive care unit readmission using recurrent neural networks with long short-term memory. *PLOS ONE*, 14(7).

Lin, Y., Yang, S., Han, W. (2023). The Impact of Social Movement on Racial Diversification Initiatives: Evidence from the Movie Industry, *56th Hawaii International International Conference on Systems Science (HICSS-56 2023), Proceedings*.

Wang, X., **Lin, Y.**, Han, W. (2023). Does regulation help? The impact of California's AB5 on Gig Workers, *56th Hawaii International International Conference on Systems Science (HICSS-56 2023), Proceedings*.

Lin, Y., Ivanov, A., Chang, H., Shaw, M. J. (2021). Role of Telehealth Adoption in Shaping Perceived Quality of Care: Empirical Analysis, *International Conference on Information Systems 2021 Proceedings* (Full Research Paper).

Lin, Y., Ahsen, M. E., Shaw, M. J., and Seshadri S. (2019). The Impacts of Patients' Sentiment Trajectory Features on Their Willingness to Share in Online Support Groups, *International Conference on Information Systems 2019 Proceedings* (Full Research Paper).

Book Chapter

Lin, Y., Karhade, P., Chang, H., Shaw, M. J. Machine Learning for Healthcare Decision Support: Application of Decision Support in Intensive Care Unit (ICU). (Under review at *Encyclopedia of Data Science and Machine Learning*. IGI Global.)

WORKING PAPERS

Lin, Y., Ahsen, M. E., Seshadri S., Shaw, M. J. Impact of Patients' Sentiment Dynamic Features on their Willingness to Engage in Knowledge-Sharing Behavior in Online Support Groups. ICIS 2019, CIST 2021

Lin, Y., Yang, S., Han, W. (2021). For Real or for Show? Impact of Racial Diversification in Main Cast in the Context of the New Media-Enabled Social Movement. CIST 2022, HICSS 2023

Wang, X., **Lin, Y.**, Han, W. (2021). When Gig Workers No Longer Gig: The Impact of California Assembly Bill 5 on the Online Labor Market. CIST 2022, HICSS 2023

Lin, Y., Ivanov, A., Chang, H., Shaw, M. J. Role of Telehealth Adoption in Shaping Perceived Quality of Care: Empirical Analysis. ICIS 2021

Lin, Y., Yang, S., Garimella, A., and Shaw, M. J., Past, Present, and Future Focus in Entrepreneurial Narratives: How Does Language Temporal Structure Influence Fundraising Performance? CIST 2019

CONFERENCE PRESENTATIONS (* Denotes presenter)

Lin, Y.*, Yang, S., Han, W. (2023). The Impact of Social Movement on Racial Diversification Initiatives: Evidence from the Movie Industry, *56th Hawaii International International Conference on Systems Science (HICSS)*, Hawaii, January 2023

Wang, X., **Lin, Y.**, Han, W. (2023). Does regulation help? The impact of California's AB5 on Gig Workers, *56th Hawaii International International Conference on Systems (HICSS)*, Hawaii, January 2023

Lin, Y.*, Yang, S., Han, W. (2022). For Real or for Show? Impact of Racial Diversification in Main Cast in the Context of the New Media-Enabled Social Movement. *Conference of Information Systems and Technology (CIST)*, Indianapolis, IN, October 2022.

Wang, X., **Lin, Y.**, Han, W. (2022). When Gig Workers No Longer Gig: The Impact of California Assembly Bill 5 on the Online Labor Market. *Conference of Information Systems and Technology (CIST)*, Indianapolis, IN, October 2022.

Lin, Y.*, Ivanov, A., Chang, H., Shaw, M. J. Role of Telehealth Adoption in Shaping Perceived Quality of Care: Empirical Analysis. *International Conference on Information Systems (ICIS)*, Austin, TX, December 2021.

Lin, Y.*, Ahsen, M. E., Seshadri S., Shaw, M. J. Impact of Patients' Sentiment Dynamic Features on their Willingness to Engage in Knowledge-Sharing Behavior in Online Support Groups. *Conference of Information Systems and Technology (CIST)*, Newport Beach, CA, October 2021.

Lin, Y.*, Ivanov, A., Chang, H., Shaw, M. J. Role of Telehealth Adoption in Shaping Perceived Quality of Care: Empirical Analysis. *Conference of the Chinese Scholars Association for Management Science and Engineering (CSAMSE)*, Shanghai, China, July 2021.

Lin, Y.*, Yang, S., Garimella, A., Shaw, M. J., Past, Present, and Future Focus in Entrepreneurial Narratives: How Does Language Temporal Structure Influence Fundraising Performance? *Conference of Information Systems and Technology (CIST)*, Virtual Event, November 2020.

Yang, S.*, Chen, J., & **Lin, Y.** Time in the past is real and honest: The role of nostalgia in enhancing authenticity. *The Association for Consumer Research conference (ACR)*, Virtual Event, October 2020

Lin, Y.*, Ahsen, M. E., Shaw, M. J., and Seshadri S. The Impacts of Patients' Sentiment Trajectory Features on Their Willingness to Share in Online Support Groups. *International Conference on Information Systems (ICIS)*, Munich, Germany, December 2019.

Lin, Y.*, Shaw, M. J. Deep Learning from Multiple Sources of Data: Applications in Precision Medicine. *Workshop on e-Business (WeB)*, Munich, Germany, December 2019.

INVITED: **Lin, Y.***, Ahsen, M. E., Shaw, M. J., and Seshadri S. The Impacts of Patients' Sentiment Trajectory Features on Their Willingness to Share in Online Support Groups. *INFORMS Annual Meeting*, Seattle, WA, November 2019.

Lin, Y.*, & Shaw, M. J., Analysis and Prediction of Individual Acceptable States for Successful Invasive Ventilator Weaning in Intensive Care Units with Deep Learning. *Conference on Health IT and Analytics (CHITA)*, Washington, DC, November 2018

Sun, R. *, **Lin, Y.**, Shaw, M. J., Machine Learning and Deep Learning for Healthcare Decision Support: Multiple Imputation Improves Predictions - A Clinical Example of ICU Readmission. *Conference on Health IT and Analytics (CHITA)*, Washington, DC, November 2018

Lin, Y.*, Han, W., Shaw, M. J., Yi, Y., and Zhang, K. Discovering hidden B2C relations Using Engagement Data in Social Media: The Heterogeneous Information Network Models, *INFORMS Workshop on Data Science*, Houston, TX, October 2017

HONORS, AWARDS, AND FELLOWSHIPS

State Farm Doctoral Fellowship Award	2016-2022
Summer Research Grant	2016-2022
BADM Department Conference Travel Award	2017-2020
Doctoral Consortium at ICIS, selected participant	2020
Certificate in Foundations of Teaching	2020
Doctoral Consortium at CHITA, selected participant	2019
Structural Modeling Applications for Research in Technology (SMART) Workshop, selected	2017

TEACHING EXPERIENCE

Santa Clara University

Instructor

Data Analytics with Python	Fall 2022
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University of Illinois at Urbana-Champaign

Instructor

Business Analytics II (Undergraduate, Online and In-person)	Spring 2020
Teaching effectiveness: 4.25/5.0	

Teaching Assistant

Digital Business & IT Strategy (Graduate and Undergraduate)	Spring 2017-Spring 2021
IT Governance (Undergraduate)	Fall 2016-Fall 2020
Enterprise IT Governance (Graduate)	Fall 2016-Fall 2020

SERVICES

Graduate Program Curriculum Committee	2022-Present
Ad-Hoc Reviewer	
Reviewer for Electronic Commerce Research and Information Systems Frontiers Conference of Information Systems and Technology (CIST)	2022
International Conference on Information Systems (ICIS)	2019-2022
Hawaii International Conference on System Sciences (HICSS)	2016-2022
Volunteer for Workshop on e-Business (WeB), Dublin, Ireland	December 2016