

Wencui (Wen) Han

Stony Brook University

wencui.han@stonybrook.edu

EXPERIENCE

- Associate Professor, Stony Brook University, NY, 2024-Present
- Assistant Professor, University of Illinois at Urbana-Champaign, IL, 2015-2024
- Instructor, University at Buffalo, NY, 2014- 2015
- Research Assistant, Mercy Hospital at Buffalo, NY, 2011

EDUCATION

The State University of New York at Buffalo, Buffalo, NY

PhD in Management Science and Systems, 2010 - 2015

New York University Tandon School of Engineering, Brooklyn, NY

MS in Technology Management, 2006 - 2009

Nanjing University of Posts and Telecommunications, China

MS in Management Science and Engineering, 2006 - 2009

BS in Management Information Systems, 2002 – 2006

GRANTS-AWARDS

- Butterklee Assistantship. Stony Brook University. 2024.
- Outstanding Editorial Board Members. Digital Transformation and Society. 2024.
- “Explainable AI in Clinical Decision Making”, Junior faculty research grant, University of Illinois at Urbana Champaign. \$3,500. 2023-2024.
- “Regulating the Gig Economy”, Junior faculty research grant, University of Illinois at Urbana Champaign. \$3,500. 2023-2024.
- Presidential Research Development Award. Texas A&M International University. \$50,000. 2023.
- “Blockchain Analytics”, Geis research funding. University of Illinois at Urbana Champaign. \$80,000. 2023.
- “An Investigation of Explainable AI in Clinical Decision Making”, Geis research funding, University of Illinois at Urbana Champaign. \$27,000. 2023.
- “Incentivization of Health Care Initiatives with Cryptocurrency in a Zero-Knowledge System.” Jump ARCHES program, \$74,000. 2022 – 2023.
- “Impact of Artificial Intelligence on Pathologists’ Decisions”, Junior faculty research grant, University of Illinois at Urbana Champaign, \$3,500. 2022-2023.
- Graduate Study Fellowship, University at Buffalo. 2010-2015
- Best Prototype Nomination, Workshop on Information Technology and Systems (WITS). 2013

JOURNAL PUBLICATIONS

Premier Business Journal Publications *

1. Basu, S., Dennis, A., Garimella, A., and Han, W. (2026) “Asymmetric Algorithm Aversion” (*Authors Listed Alphabetically, Equal Contribution Authorship*) **Information Systems Research***. Forthcoming.
2. Wang, X., Lin, Y., Han, W., and Qiu, L. (2025) “When Gig Workers No Longer Gig: The Impact of California Assembly Bill 5 on the Online Labor Market.” **Information Systems Research***.
3. Lin, Y., Yu, S., Han, W., and Lu, G. (2024) “The Black Lives Matter Movement Mitigates Bias Against Racial Minority Actors.” **Proceedings of the National Academy of Sciences (PNAS) ***, 121(29), e2307726121.
4. Wang, X., Jiang, M., Han, W., and Qiu, L. (2022) “Do Emotions Sell? Impact of Emotional Expressions on Sales in Space-Sharing Economy.” **Production and Operations Management ***, 31(1), 65-82.
5. Meyer, J., Têtu, B., Khademi, A., Han, W., Nippak, P., and Remisch, D. (2022) “Impact of Artificial Intelligence on Pathologists’ Decisions: An Experiment.” **Journal of the American Medical Informatics Association (Top health informatics journal, impact factor: 7.94)**, 29 (10), 1688-1695.
6. Han, W., Larson, E. (2022) “Teaching Case: A Data Analytic View of the Initial Coin Offering Marketplace.” **Journal of Information Systems Education**.
7. Han, W., Wang, X., Ahsen, M., and Wattal, S. (2021) “The Societal Impact of Sharing Economy Platform Self-Regulations - An Empirical Investigation.” **Information Systems Research ***, 33(4), 1303-1323.
8. Sun, R., Han, W., Chang, H., & Shaw, M. (2021) “Motivating Adherence to Exercise Plans through a Personalized Mobile Health Application: An Enhanced Active Design Research Approach.” **JMIR mHealth and uHealth**, 9 (6), e19941.
9. Sun, R., Garimella, A., Han, W., Chang, H., & Shaw, M. (2020). “Transformation of the Transaction Cost and the Agency Cost in an Organization and the Applicability of Blockchain—A Case Study of Peer-to-Peer Insurance.” **Frontiers in Blockchain**, 3:24.
10. Han, W., Sharman, R., Heider, A., Maloney, N., Yang, M., Singh, R. (2016) “Impact of Electronic Diabetes Registry ‘Meaningful Use’ on Quality of Care and Hospital Utilization.” **Journal of the American Medical Informatics Association (Top health informatics journal, impact factor: 7.94)**, 23(2): 242-7.
11. Ada, S., Sharman, R., Han, W., and Brennan, J. (2016) “Factors Impacting the Intention to Use Emergency Notification Services in Campus Emergencies: An Empirical Investigation.” **IEEE Transactions on Professional Communication**, 59 (2): 89-109.
12. Han, W., Ada, S., Sharman, R., and Rao, H. R. (2015) “Campus Emergency Notification Systems: an Examination of Factors Affecting Compliance with Alerts.” **MIS Quarterly ***, 39(4): 909-929.
13. Han, W., Ada, S., Sharman, R., Gray, R.H. and Simha, A. (2015) “Factors Impacting the Adoption of Social Network Sites for Emergency Notification Purposes in Universities.” **International Journal of Business Information Systems**, 18(1): 85–106.

UNDER REVIEW

14. Lin, Y., Han, W., Wang, X., Qiu, L. “Unintended Consequences of DEI Workplace Policy – Evidence from Online Labor Markets”.
Under minor revision at **MIS Quarterly**
15. Yu, S., Lin, Y., Han, W., and Hahl, O. “Invisible Females on the Silver Screen? How Societal Gender Equality and Perceived Tokenism Affect Audience Evaluations of Female Presence in Film.”
Under review

REFEREED CONFERENCE PROCEEDINGS PRESENTATIONS

1. Zhang, Q., Han, W., Kasliwal, A., "Market Expectations and FOMC Speech: a Large Language Model Approach to Asset Pricing." *International Conference on Business, Management, Economics, and Information Systems*, New York, 2025.
2. Wang, X., Lin, Y., Han, W. "Unintended Consequences of DEI Workplace Policy – Evidence from Online Labor Markets." *Conference of Information Systems and Technology (CIST)*, Seattle, WA, 2024.
3. Yu, S., Lin, Y., Han, W., and Hahl, O. "Invisible females on the silver screen? How Societal Gender Equality and Perceived Tokenism Affect Audience Evaluations of Female Presence in Film." *Annual Meeting of the Academy of Management*, Chicago, IL, 2024.
4. Lin, Y., Yang, S., Han, W. "The Impact of Social Movement on Racial Diversification Initiatives: Evidence from the Movie Industry." *56th Hawaii International Conference on Systems Science*, Hawaii, 2023.
5. Lin, Y., Han, W., Wang, X. "Unintended Consequences of DEI Workplace Policy – Evidence from Online Labor Markets." *Conference of Information Systems and Technology (CIST)*, Indianapolis, Indiana, 2022.
6. Lin, Y., Yang, S., Han, W. "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, Indiana, 2022.
7. Wang, X., Lin, Y., Han, W. "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, Indiana, 2022.
8. Meyer, J., Têtu, B., Khademi, A., Han, W., Nippak, P., and Remisch, D. "Impact of Artificial Intelligence, with and without Information, on Pathologists' Decisions." *Conference on Information Systems and Technology (CIST)*, CA, 2021.
9. Han, W., Wang, X., Ahsen, M., and Wattal, S. "Does Home Sharing Impact Crime Rate? An Empirical Investigation." *Symposium on Statistical Challenges in eCommerce Research (SCECR)*, 2020.
10. Basu, S., Garimella, A., and Han, W. "They Bot it: The Impact of Artificial Bot on Human Decision Making on ICO platforms." *Conference on Information Systems and Technology (CIST)*, Washington, 2019.
11. Wang, X., Jiang, M., Han, W., and Qiu, L. "Do Emotions Sell? Affectivity, Culture, and Commoditization in Sharing Economy." *Conference on Information Systems and Technology (CIST)*, Washington, 2019.
12. Han, W., and Wang, X. "Does Home Sharing Impact Crime Rate? A Tale of Two Cities." *International Conference on Information Systems (ICIS)*, Germany, 2019.
13. Basu, S., Garimella, A., and Han, W. "Impact of Artificial Intelligence on Human Decision Making in ICO Platform." *International Conference on Information Systems (ICIS)*, Germany, 2019.
14. Han, W., Ivanov, A., and Subramanyam, R. "Airbnb Self-Regulatory Policy Shifts and User Review Behavior: An Empirical Examination." *Conference on Information Systems and Technology (CIST)*, Arizona, 2018.
15. Garcia, R., Han, W., and Adelakun, O., "Defining Dimensions of Patient Satisfaction with Telemedicine: An Analysis of Existing Measurement Instruments.", *50th Hawaii International Conference on System Sciences (HICSS)*, Hawaii, 2017.
16. Venkatesan, S, Han, W., Smith, S., and Sharman, R. "Quality of Information in Health Network: Seeking Advice from Similar Patients." *Workshop on Information Technology and Systems (WITS)*, Dublin, Ireland, 2016.
17. Abdelhamid, M., Han, W., and Sharman, R. "Impact of Message Framing on Compliance with Message sent via Emergency Notification Systems: Application for Extreme Events." *Workshop on Information Technology and Systems (WITS)*, Dublin, Ireland, 2016.
18. Yang, Y., Han, W., and Shaw, M. "A Framework for Disruptive Innovation Diffusion Research.", *22nd Americas Conference on Information Systems (AMCIS)*, San Diego, CA, 2016.

19. Venkatesan, S, Han, W., Sharman, R., and Singh, R. "Quality of Patient- Patient Interactions in Online Health Communities: Is What You See Indeed What You Get?", *Workshop on e-Business (WeB)*, Fort Worth, TX, 2015.
20. Han, W., Sharman, R., and Rao, R. "Understanding Subscription Switching Behavior in the Context of Campus Emergency Notification Services: An Extended Privacy Calculus Model.", *International Conference on Information Systems (ICIS)*, Fort Worth, TX, 2015.
21. Venkatesan, S, Han, W., Sharman, R. "A Response Quality Model for Online Health Communities.", *International Conference on Information Systems (ICIS)*, Auckland, NZ, 2014.
22. Han, W., Mulgund, P., Sharman, R. Singh, G., Singh, R. "Self Health Management Mobile Application for Diabetic Patients and the Impact on Treatment Adherence." *International Conference on Information Systems (ICIS)*, Auckland, NZ, 2014
23. Han, W., Sharman, R., Singh, R., Singh, G., Heider, A., Maloney, N., "Impact of Electronic Diabetes Registry Use on Care and Outcomes in Primary Care." *20th Americas Conference on Information Systems (AMCIS)*, Savannah, Georgia, 2014.
24. Kisekka, V., Han, W., Sharman, R. "Utilizing the Uses and Gratification Theory to Understand Patients Use of Online Support Groups." *20th Americas Conference on Information Systems (AMCIS)*, Savannah, Georgia, 2014.
25. Mulgund, P., Han, W., Jayaprakash, A., D., Parab, H., V., Jayaraman, J., Jiwane, K., Upadhya, A., K., Singh, G., Singh, R. "Personalized Medication Adherence Motivating and Reminding System." *Ninth International Conference on Design Science Research in Information Systems and Technology (DESRIST)*, Miami, Florida, 2014.
26. Mulgund, P., Han, W., Jayaprakash, A., D., Parab, H., V., Jayaraman, J., Jiwane, K., Upadhya, A., K., Singh, G., Singh, R. "Medication Adherence Reminding, Motivation and Monitoring System." *Workshop on Information Technology and Systems (WITS)*, Milan, Italy, 2013.
27. Han, W., Valecha, R., and Sharman, R. "Impact of Security and Privacy Concerns among Medicare Patients on Sharing Health Information Online." *8th Annual Symposium on Information Assurance (ASIA)*, Albany, NY, 2013.
28. Venkatesan, S., Han, W., Kisekka, V., and Sharman, R., "Misinformation in Online Health Communities." *Workshop on Information Security and Privacy (WISP)*, Milan, Italy, 2013.
29. Srivastava, S., Han, W., Sharman, R., Rao, H. R. "Managing Campus Shooting Incidents through Emergency Notification Systems: An Insight Into the Issue of Student Compliance." *The Mid-West Association for Information Systems (MWAIS)*, Green Bay, Wisconsin, 2012.
30. Han, W., Ada, S., Sharman, R., Rao, H. R., and Brennan, J., "Critical Factors Affecting Compliance to Campus Alerts." *International Conference on Information Systems (ICIS)*, Shanghai, China, 2011.
31. Han, W., Ada, S., Sharman, R., Rao, H. R., and Brennan, J., "Critical Success Factors to Improve Compliance with Campus Emergency Notifications." *17th Americas Conference on Information Systems (AMCIS)*, Detroit, Michigan, 2011.

WORK IN PROGRESS

1. "Impact of Artificial Intelligence on Pathologists' Decisions" with Meyer, J
2. "Market Expectations and FOMC Speech: a Large Language Model Approach to Asset Pricing" with Zhang, Q.
3. "Generative AI and Labor Market Mobility" with Lin, Y. and Yu, S.

TEACHING- STUDENT SUPERVISION

1. Data Mining, Graduate and Undergraduate levels, 2024-present
2. Database Management, Graduate level, 2024-present (developed curriculum)
3. IT for Networked Organizations, Undergraduate level, 2022- 2024 (developed curriculum)
4. Business Intelligence, Graduate level, Spring, 2016 – 2024 (developed curriculum)
5. Business Intelligence, Undergraduate level, Fall, 2015 – 2024 (developed curriculum)
6. PhD Seminar in Information Systems, Spring, 2020 (developed curriculum)
7. IT Project Management, Undergraduate level, Spring, 2015
8. Statistical Foundations of Analytics, Graduate level, Fall, 2014
9. Database Management Systems, Undergraduate level, Fall, 2014
10. Introduction to Computers and Statistics, Undergraduate level, Summer, 2014
11. Ph.D. Committee: Utku Pamuksuz, 2017; Ruo-Ting Sun, 2022; Saunak Basu, 2023.
12. Advisor for student start-up team “Gridscale”: \$5,000 - Cozad New Venture Challenge Third Place, \$10,000 - iVenture Accelerator, \$5,000 - Stipend from iVenture Accelerator, 2022

PROFESSIONAL SERVICE

- Coordinating Editor, Information Systems Frontiers, 2025-present
- Guest Associate Editor, Electronic Commerce Research and Applications Special Issue on AI Integration in e-Business, 2025
- Associate Editor for Digital Transformation and Society, 2022-present
- Reviewer for Management Science, MIS Quarterly, Information Systems Research, Information and Management, Production and Operations Management, Journal of Internal Medicine, Journal of General Internal Medicine, Journal of the American Medical Informatics Association, and major IS conferences including ICIS, AMCIS, CIST
- Co-Chair, Technology, Research, Education and Opinion (TREO) Talks, AMCIS, Minneapolis, 2022
- Conference Committee, CIST, 2022-present
- Conference Committee, Workshop on e-Business (WeB), 2016-present
- Conference Associate Editor, ICIS 2018-present; AMCIS 2019 -2022