

Wei He

Area Coordinator

James C. Wetherbe Regents Professor in Information Technology

Rawls College of Business, Texas Tech University

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ACADEMIC EXPERIENCE

Texas Tech University (Rawls College of Business)

Area Coordinator

June 2023 – now

James C. Wetherbe Regents Professor in Information Technology

Sep 2023 – now

Associate Professor with Tenure

Sep 2023 – now

Assistant Professor

Sep 2017 – Aug 2023

The Hong Kong Polytechnic University (Faculty of Business)

Assistant Professor

July 2009 – Aug 2017

Lecturer

Aug 2006 – Jun 2009

EDUCATION

Ph.D. in Information Systems, City University of Hong Kong

M.S. in Management, Nankai University, China

B.S. in Business Administration, Nankai University, China

RESEARCH

Research Areas: Knowledge sharing and creativity, Collaborative learning enabled by technologies, Social media, Emerging technologies and platforms

Methodology: Behavioral research, mixed method (traditional + machine-learning)

Journal Articles

(* denotes graduate student at time of submission; # denotes undergraduates)

Ling, C.-D. *, **He, W.**, Gong, Y., Liu, W., and Cho, V. (In press). Does receiving knowledge catalyze creativity? A dyadic-level contingency model of knowledge type and psychological closeness on knowledge elaboration. *Journal of Organizational Behavior*.

He, W., Ke, X., and Du, H. S. (2023) "Social media enabled individual dynamic capabilities: The boundary spanning perspective." *Behaviour & Information Technology*, 42(12), 1914-1930.

Hu, J. *, **He, W.**, Zhang, J., Song, J. (2023). Examining the impacts of fitness app features on user well-being. *Information & Management*, 60(5), 103796.

He, W., Hsieh, J. P., Schroeder, A., and Fang, Y. (2022). "Attaining individual creativity and performance in multidisciplinary and geographically distributed IT project teams: The role of transactive memory systems." *MIS Quarterly*, 46(2), 1035-1072.

- Yang, H., Du, H. S., **He, W.**, and Qiao, H. (2021). "Understanding the motivators affecting doctors' contributions in online healthcare communities: Professional status as a moderator." *Behaviour & Information Technology*, 40(2), 146-160.
- Du, H. S., Ke, X., **He, W.**, Chu, S. K. W., and Wagner, C. (2019). Achieving mobile social media popularity to enhance customer acquisition: Cases from P2P lending firms. *Internet Research*, 29(6), 1386-1409.
- Zhang, J. X. *, Fang, Y., **He, W.**, Zhang, Y., and Liu, X. (2019). Epistemic motivation, task reflexivity, and knowledge contribution behavior in team wikis: A cross-level moderation model. *Journal of the Association for Information Science and Technology*, 70(5), 448-461.
- Zhang, X., Zhang, Y., Sun, Y., Lytras, M., Ordóñez de Pablos, P., and **He, W.** (2018). Exploring the effect of transformational leadership on individual creativity in e-learning: A perspective of social exchange theory. *Studies in Higher Education*, 1-15.
- Zhang, X., Meng, Y., Chen, H., Yu, J., Sun, Y., Ordóñez de Pablos, P., and **He, J. W.** (2017). A bibliometric analysis of digital innovation from 1998 to 2016. *Journal of Management Science and Engineering*, 2(2), 95-115.
- He, W.**, and Yang, L. # (2016). Using wiki in team collaboration: A media capabilities perspective. *Information & Management*, 53(7), 846-856.
- Du, H. S., Chu, S. K. W., Chan, R. R. C., and **He, W.** (2016). Collaborative writing with wikis: An empirical investigation. *Online Information Review*, 40 (3), 380-399.
- Huang, X., Hsieh, J. P., and **He, W.** (2014). Expertise dissimilarity and creativity: The contingent role of tacit and explicit knowledge sharing. *Journal of Applied Psychology*, 99 (5), 816-830.
- Zhang, Y., Fang, Y., Wei, K. K., and **He, W.** (2013). Wiki-induced cognitive elaboration in project teams: An empirical study. *Decision Support Systems*, 55 (3), 792-801.
- Ye, Q., Fang, B., **He, W.**, and Hsieh, J. P. (2012). Can social capital be transferred cross the boundary of the real and virtual worlds? An empirical investigation of Twitter. *Journal of Electronic Commerce Research*, 13 (2), 145-156.
- He, W.**, Fang, Y., and Wei, K. K. (2009). The role of trust in promoting organizational knowledge seeking using knowledge management systems: An empirical investigation. *Journal of the American Society for Information Science and Technology*, 60 (3), 526-537.
- He, W.**, and Wei, K. K. (2009). What drives continued knowledge sharing? An investigation of knowledge-contribution and -seeking beliefs. *Decision Support Systems*, 46 (4), 826-838.
- He, W.**, Qiao, Q., and Wei, K. K. (2009). Social relationship and its role in knowledge management systems usage. *Information & Management*, 46 (3), 175-180.

He, W. and Wei, K. K. (2006). Knowledge Management Systems (KMS) Continuance in Organizations: A Social Relational Perspective. *Lecture Notes in Artificial Intelligence*, 4092, 34-41.

Liao, S. S., **He, W.**, and Tang, T. H. (2004). A Framework for Context Information Management. *Journal of Information Science*, 30 (6), 528-539.

Conference Proceedings and Presentations

(* denotes current graduate student at time of submission; # denotes undergraduates)

He, W. “Flipping students to ‘professors’: Empowering students in information systems (IS) courses.” Presented in *the 44th International Conference on Information Systems (ICIS 2023)*, December 10-13, Hyderabad, India.

Zhang, X., Qi, C., Wei, X., and **He, W.** “Identifying intimacy of self-disclosure: A design based on social penetration theory and deep learning.” In *Proceedings of the Americas Conference on Information Systems (AMCIS 2023)*, 7. August 10-12, Panama City, Panama. https://aisel.aisnet.org/amcis2023/sig_dsa/sig_dsa/7 (**Top 25% Paper**)

Wei, X.^{*}, **He, W.**, Zhang, X., Zhao, C.^{*}, and Zhao, H. “A machine learning method for measuring information disclosure in sharing economy platforms,” in *Proceedings of the 41st International Conference on Information Systems (ICIS 2020)*, December 13-16, Hyderabad, India (virtual conference).

Hu, J.^{*} and **He, W.** “Examining the impacts of fitness app functionalities,” In *Proceedings of the Americas Conference on Information Systems (AMCIS 2020)*, 5. August 10-14, the United States (virtual conference).

Hu, J.^{*}, **He, W.**, and Davis, F. (2020). When hosts disclose their private information on accommodation sharing platforms: An information commercialization perspective. In *Proceedings of the 53rd Hawaii International Conference on System Sciences (HICSS 2020)*, January 7-10, Grand Wailea Maui, HI, pp. 822-830.

He, W., Ke, X., Du, H. S., and Liu, W. (2019). Social media-enabled individual dynamic capabilities: The boundary spanning perspective. In the *Proceedings of the 23rd Pacific-Asia Conference on Information Systems (PACIS)*, July 8-12, Xi’an, China.

Lin, Z., and **He, W.** (2019). Smart cyber information fusion: Making grey online data sharing business bright. Presented at *the Bright Internet China Symposium 2019*, July 9-10, Xi’an, China.

Hu, J.^{*}, and **He, W.** (2018). Experience on consumer purchasing decision-making: A study of anchoring effects. Presented in *the 24th Americas Conference on Information Systems (AMCIS)*, New Orleans, LA, United States.

Ke, X.^{*}, **He, W.**, and Du, H. S. (2017). Developing individual dynamic capabilities by social media: An empirical investigation. Presented in the *Pre-ICIS DIGIT Workshop*, December 10, Seoul, Korea.

- Zhang, J. X.^{*}, Fang, Y., **He, W.**, Zhang, Y., Qureshi, I., and Liu, X. (2017). Openness to experience, perceived psychological safety and knowledge co-creation on wiki platform. Presented in *the 77th Annual Meeting of the Academy of Management (AOM)*, August 4-8, Atlanta, USA.
- He, W.**, Schroeder, A., Fang, Y., and Hsieh, J. P. (2016). Converting expertise dissimilarity to creativity: Impacts of team transactive memory systems and geographical dispersion. *Best Paper Proceedings of the 76th Annual Meeting of the Academy of Management (AOM)*. ****Best Conference Paper Runner-Up in OCIS Division**** & ****Nominated for Carolyn Dexter Award****
- Zhang, J. X.^{*}, Fang, Y., **He, W.**, and Zhang, Y. (2016). Epistemic motivation and knowledge contribution behaviors in wiki teams: A cross-level moderation model. In *Proceedings of the 20th Pacific Asia Conference on Information Systems (PACIS)*, June 27-July 1, Chiayi, Taiwan. ****Best Paper Nomination****
- He, W.** and Yang, L.[#] (2015). Is Wiki a good tool facilitating team collaboration in undergraduate education? In *Proceedings of the 19th Pacific Asia Conference on Information Systems (PACIS)*, July 6-10, Singapore. **** Best Paper Nomination****
- Yan, J.[#], Wan, Y.[#], Zheng, X.[#], Xiao, H.[#], Wong, K. W.[#], and **He, W.** (2015). Does learning from others in a classroom setting enhance or damage creativity? In *Proceedings of the 19th Pacific Asia Conference on Information Systems (PACIS)*, July 6-10, Singapore.
- He, W.** (2014). When and How Social Media Enhance Team-based Learning Effectiveness: A Media Capability Perspective. *The Sixth Asian Conference on Education (ACE)*, October 28-November 2, Osaka, Japan.
- Au, C.[#], and **He, W.** (2014). Using wiki for project collaboration – with comparison on Facebook. *The World Congress on Engineering and Computer Science (WCECS)*, October 22-24, San Francisco, U.S.A.
- Chan, K. M.[#], **He, W.**, and Xu, X. (2014). Social media in classroom. In *Proceedings of the European Conference on Technology in Classroom (ECTC)*, July 9-13, Brighton, United Kingdom.
- Huai, M.^{*}, Farh, J., Liu, W., Lee, C., and **He, W.** (2014). Why supervisors abuse employees? Roles of leader power distance orientation, perceived own status, and employee deviance. In *Proceedings of the Sixth International Association for Chinese Management Research (IACMR) Conference*, June 18-22, Beijing, China.
- He, W.**, Cho, V., Qi, C., Xu, X., and Lu, F. (2013). Linking knowledge sharing and employee creativity: Decomposing knowledge mode and improving the measure of tacit knowledge sharing. In *the Proceedings of the 17th Pacific Asia Conference on Information Systems (PACIS)*, June 18-22, Jeju Island, Korea.
- He, W.**, Fang, Y., and Schroeder, A. (2012). Transactive memory systems, knowledge integration, and team performance in geographically dispersed teams. In *Proceedings of the 20th European Conference on Information Systems (ECIS)*, Jun 11-13, Barcelona, Spain.

- Zhang, Y. *, Fang, Y., and **He, W.** (2011). Wiki-induced cognitive elaboration in project teams: An empirical study. In *Proceedings of the 32nd International Conference on Information Systems (ICIS)*, December 4-7, Shanghai, China.
- Huang, X., Hsieh, J.P., and **He, W.** (2008). Functional specialization dissimilarity and creativity: Can sharing tacit and explicit knowledge in project teams enhance individual employees' creative behavior? Presented at *the 68th Academy of Management Annual Meeting (AOM)*, Anaheim, California, U.S.A.
- Qiu, Z. L. and **He, W.** (2008). Learning, knowledge sharing and knowledge management: Current practice in China. Presented at *the 8th International Conference on Knowledge, Culture and Change in Organisations*, August 5-8, Cambridge University, United Kingdom.
- He, W.**, and Wei, K.K. (2007). Understanding knowledge management systems continuance: A decomposed model," In *Proceedings of the 11th Pacific Asia Conference on Information Systems (PACIS)*, July 3-6, Auckland, New Zealand.
- He, W.**, and Wei, K.K. (2004). Reexamining social relationship in knowledge management systems usage in organizations: A case study in China," In *Proceedings of 2004 International Conference on Knowledge Management in Asia Pacific (KMAP)*, December 7-8, Taiwan, China.
- He, J.**, and Wei, K.K. (2004). A case study on the organizational adoption and implementation of knowledge management system. In *Proceedings of 8th Pacific Asia Conference on Information Systems (PACIS)*, July 8-10, Shanghai, China.
- He, W.**, Shek, S., Qi, C., Leung, F., and Liao, S. (2003). Bayesian Networks for Modeling User Information in Context-aware Mobile Commerce. In *Proceedings of 2003 International Business Information Management Conference*, December 16-18, Cairo, Egypt.
- He, W.**, Lee, J-N., and Hsu, C. (2003). The evolution of knowledge management: Current and future application in China. In *Proceedings of the 7th Pacific Asia Conference of Information Systems (PACIS)*, July 10-13, Adelaide, Australia.

TEACHING

MBA, Professional MBA, and Master of Science in Data Science Level

- ISQS5331: Information Technology and Operations Management
Teaching Evaluation (5-year average): 4.7 / 5
- ISQS5341: Big Data Strategy
Teaching Evaluation (3-year average): 4.7 / 5
- ISQS5330: Decision Theory and Business Analytics
Teaching Evaluation: 4.6 / 5

Undergraduate Level

- ISQS4348: Systems Analysis

- ISQS3344: Introduction to Operations Management

PhD Level

- BA7000: Independent Research

PhD Dissertation Supervision

Dissertation Committee Co-Chair (2023-now). Advised: Hansol Lee

Dissertation Committee Member (2018-2021). Advised: Weihong Ning

Research (2017-2019). Advised: Jiang Hu

SERVICE

Journal Editorship

- **Guest Editor**, *Electronic Markets*
- **Associate Editor**, *Journal of Electronic Commerce Research*
- **Editorial Review Board Member**, *Internet Research*

Conference/Workshop Leadership

- **Program Committee Member**, Bright Internet Global Summit 2020, Hyderabad, India.
- **Program Committee Member**, Bright Internet Global Summit 2019, Munich, Germany.
- **Track Co-Chair**, the Knowledge Management and Business Intelligence track, *the 22nd Pacific Asia Conference on Information Systems (PACIS 2018)*, Japan.
- **Track Co-Chair**, the IS Education and Learning track, *the 19th Pacific Asia Conference on Information Systems (PACIS 2015)*, Singapore.

Conference Editorship

- **Associate Editor**, the General track, *the International Conference on Information Systems (ICIS 2023)*, Hyderabad, India, Dec 10-13.
- **Associate Editor**, the Digital and Mobile Commerce track, *the International Conference on Information Systems (ICIS 2021)*, Austin, Texas, USA, Dec 12-15.
- **Associate Editor**, the E-Business and E-Government track, *the International Conference on Information Systems (ICIS 2017)*, Seoul, Korea.
- **Associate Editor**, the E-Business and Mobile Commerce track, *the 21st Pacific Asia Conference on Information Systems (PACIS 2017)*, Langkawi, Malaysia.
- **Associate Editor**, the Knowledge Management track, *the 20th Pacific Asia Conference on Information Systems (PACIS 2016)*, Chiayi, Taiwan.

Journal Reviewer

- MIS Quarterly, 2012 - 2017, 2021 ~ present
- Journal of the Association for Information Systems, 2014, 2020 ~ present
- Information Systems Research, 2015 - 2017, 2022 ~ present
- Information Systems Journal, 2016 - 2020
- Information & Management, 2013 - 2020, 2022
- Decision Support Systems, 2023
- Human Performance, 2019
- European Journal of Information Systems, 2012 - 2016
- Journal of Strategic Information Systems, 2014
- International Journal of Information Management, 2009 - 2018
- Industrial Management & Data Systems, 2019
- International Journal of Information Management Data Insights, 2023
- Journal of Electronic Commerce Research, 2020
- Pacific Asia Journal of the Association for Information Systems, 2020
- ACM Transactions on Management Information Systems, 2018
- Information Systems Frontiers, 2017
- Journal of Global Information Management, 2010
- IEEE Transactions on Engineering Management, 2010

Conference Reviewer

- International Conference on Information Systems (ICIS), since 2005
- Pacific Asia Conference on Information Systems (PACIS), since 2008
- Australasian Conference on Information Systems (ACIS), 2014

Area / College Service in University

- Area Coordinator, ISQS Area, Rawls College of Business, 2023 - present
- Chair, Rawls College of Business MBA Committee, 2022 - 2023
- Member, Rawls College of Business Professional MBA Committee, 2022 - present
- Member, Rawls College of Business Online MBA Committee, 2020 - 2023
- Member, Master of Science in Information Systems Committee, ISQS Area, Rawls College of Business, 2022 - 2023
- Member, Master of Science in Data Science Committee, ISQS Area, Rawls College of Business, 2020 - 2023
- Member, ISQS Undergraduate Curriculum Committee, 2018 - 2020
- Member, ISQS Area Faculty Hiring Committee, 2018-2019