

Wenli Wang, PhD

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Publications: wenliwang.org

QUALIFICATION

Innovative research leader	Proven track record building, leading, and supervising research, technical, and professional teams.
Multidisciplinary researcher	Proven track record publishing across computer science, economics, business, and healthcare/medical AI.
Systems developer	Demonstrated ability to develop innovative, incentive compatible & sustainable systems satisfying multi-stakeholders' needs.
AI engineer/developer	Certified Nvidia Professional: Agentic AI, GenAI LLMs, Accelerated Data Science. Certified Nvidia Associate: AI Infrastructure & Ops
Broad educator	Proven track record training executives, professionals, doctoral and graduate students on-ground and fully online.
Federal grant awardee	Co-PI on a federal NAIRR Pilot award (20k GPU hours) for surgical video-AI with world-class, protocol-establishing master surgeons at Cedars-Sinai.

EDUCATION

2000	University of Texas at Austin, PhD in Management Science and Information Systems , supervised by Dr. Andrew B. Whinston. McCombs School of Business, Department of Information, Risk and Operations Management. GPA: 3.6/4.
1995-1996	West Texas A&M University, Graduate study in Mathematics. GPA: 4/4.
1994-1995	Beijing University of Posts & Telecommunications, Graduate study in Computer Applications
1994	Beijing University of Posts and Telecommunications, BSc. in Computer Engineering & Telecommunications (<i>Summa cum Laude</i>)

EMPLOYMENT

2012-now	Robert Morris University (RMU), University (=Distinguished) Professor (2022-now), Professor (2017-22), Associate Professor (2012-17), Department of Computer and Information Systems, School of Data Intelligence and Technology. Co-PI, NAIRR (National AI Research Resource) Pilot award (2026–2027) with 20,000 GPU hours and SambaNova credit, on surgical AI in Symani robotic, with Cedars-Sinai Medical Center, Plastics Surgery team. Published 29 journal/33 conference papers, 5 book chapters & won 3 best paper awards. Published in <i>Communications of the AIS</i> (A), <i>Journal of IS Education</i> (B), <i>IS Education Journal</i> , <i>Journal of ITM</i> , and <i>Issues in Information Systems</i> on AI, cybersecurity, e-education, technology adoption & impact. Contributed to major programs development: PhD in IS/Comm.; MS in AI, Cybersecurity, Data Science, Data Analytics, IS Management; BS in CIS, CS, Cybersecurity, Data Analytics. Advised 10 (7 chaired) dissertations with 6 on AI: cybersecurity, autonomous vehicle, etc.
2025-now	1only LLC , Founder & CEO. Consulting for world-class, protocol-establishing master surgeons at the Plastic Surgery Department at <i>Cedars-Sinai Medical Center</i> , on surgical AI. Prototyped AI chatbots and deep research agent for Symani microsurgery robotics. Analyzed surgical videos and compared outcome/performance with and without robotics. Solely-wrote AI research proposals for 2 NIH and 1 DoD grants (not submitted yet). Consulting <i>Bos Security Virtu Guard</i> , a physical and virtual security firm, on security AI. Consulted <i>First Quantum Minerals</i> co-owned Kansanshi Mining PLC (the biggest copper mine in Africa) on cybersecurity AI. Consulted <i>Sample Ninja</i> , a tech platform provider for panel management, on churn AI and others (e.g. supporting a medical professional panel with 1 million panelists) Developing innovative products and conducting R&D.
2006-2012	Trident University International (TUI), Professor & Faculty Lead , Glenn R. Jones College of

Business & College of Information Systems.

Published 3 journal/4 conference papers in *Journal of Economic Theory* (A*) and *Decision Support Systems* (A*) on auction design, industrial organization, and tech management.

Managed CBA/CIS PhD program, CIS' MSITM, BSITM, BSCS programs.

Chaired 4/advised 4 PhD dissertations: cybersecurity, ITM, Operations, Accounting, Finance, Org Behavior & HR. Operations research for US DoD; Auditing research in Oil & Gas industry.

2005-2006 **University of Nevada at Las Vegas, Visiting Professor**, Department of Management, Entrepreneurship and Technology, Lee Business School.

Published 2 conference papers on technology impact and e-commerce assurance.

2000-2005 **Emory University, Assistant Professor**, Department of Information Systems & Operations Management, Guizueta Business School.

Published 2 journal/7 conference papers in *IEEE Computer*, *International Journal of Electronic Commerce*, etc. on fraud prevention w/ computing formal verification & game theory.

1997-2000 University of Texas at Austin, Instructor, Department of Information, Risk & Operations Management; Computer Lab Assistant, Computer Science Department.

Published 3 conference papers on auction design, digital systems design, and assurance.

1995-1996 West Texas A&M University, Instructor, Mathematics Department; Systems Analyst & Programmer, IT Division.

1994-1995 Beijing University of Posts and Telecommunications, Researcher, National Key Laboratory of Switching Technology & Telecommunication Networks.

1993-1995 Centigram Comms/Sunniwell Comms., Consultant Telecom & Business Strategy, Beijing, China.

CERTIFICATION

Nvidia	Nvidia Certified Professional in Agentic AI (2026)
	Nvidia Certified Professional in Gen AI LLMs (2026)
	Nvidia Certified Professional in Accelerated Data Science (2026)
	Nvidia Certified Associate in AI Infrastructure and Operations (2026)
Nvidia	35 Course Certificates (2024-26)
Data Science	Accelerating end-to-end data science workflows
	Enhancing data science outcome with efficient workflow
	Fundamentals of accelerated data science (2 versions)
Deep Learning	Building AI agents with multimodal models
	Building real-time video AI applications
	Disaster risk monitoring using satellite imagery
	Fundamentals of deep learning
GAI/LLM	Adding new knowledge to LLMs
	Building LLM applications with prompt engineering
	Building RAG agents with LLMs
	Generative AI w/ diffusion models
	Intro to transformer-based Natural Language Processing
	Rapid application development with LLMs
	The art of compressing LLMs: Pruning, distillation and quantization demystified
Simulation and Physical AI	Develop, Customize, and Publish in Omniverse w/ Extensions
	Getting Started with AI on Jetson Nano (English/Chinese)
	Learn OpenUSD series (ten courses)
AI Infrastructure	AI Infrastructure and Operations Fundamentals
	AI for all: from basics to GenAI practice
	InfiniBand Essentials
	Introduction to Networking

	RDMA over Converged Ethernet (RoCE) from A to Z
	MLXLink and MLXCables
	Nvidia License systems – NLS
ACCESS-NAIRR	ACCESS-NAIRR AI Workshops Research Computing, U of Colorado, Boulder (2026)
AWS	AWS Academy Graduate – Machine Learning Foundations (2021)
DataRobot	DataRobot Essentials (2018, 2020), DataRobot for Data Scientist (2018)

TECHNICAL SKILL

AI Development	Programming in CUDA, Python, R, C++, C, Fortran, Julia, Assembly, Java, SQL, etc.
AI Deployment	Orchestration, Kubernetes, platform integration, GPU, optimization, auto-scale
AI Infrastructure	Cloud (AWS), edge, AI infrastructure, operations & networking, Nvidia ecosystem
Generative AI	LLMs, fine-tuning, LoRA, parallelism, evaluation, hallucination mitigation, RAG
Agentic AI	ReAct, Langchain/Langraph, context retention, APIs, AI workflow automation
Physical AI	OpenUSD, Isaac Sim, digital twin, robotics, synthetic data generation, VLA, Cosmos-Reason, OpenFOAM, DeepONet.
Multimodal AI	Vision AI, speech AI, VSS, ASR
Ethical AI/XAI	guardrails, AI security/privacy, explainable AI
Healthcare AI	MONAI, MAISI, FLARE, BioNeMo, AlphaGo, Holoscan, AnyBody tech, HIPAA
Cybersecurity AI	Adversarial ML, anomaly detection, secure computing, Nvidia Morpheus
Research	Methodologies: theoretical modeling, design science, quantitative, qualitative
Systems	MLOps, DevOps, CI/CD, systems science & engineering, project management
Economics	Information economics, mechanism (e.g., auction) design, game theory
Leadership	Mindful tech leadership with vision, knowledge & wisdom for decision making

ADMINISTRATIVE EXPERIENCE

Faculty Lead (=Associate Director)	Custom-designed, managed over 100 PhD qualifier exams (written + oral); Assigned exam committees.
Trident Univ. CBA/CIS PhD Programs, 2006-12	Served in strategic planning, program review, faculty recruitment and management, student admission, orientation and advising.
Five concentrations: IS/ITM, Marketing, Leadership, Management & Operations, Accounting/Finance	Taught PhD capstone & many other courses. Custom-designed remedy courses for those who failed qualifier.
Faculty Lead (=Department Chair)	Led WASC accreditation effort, program review, and curriculum development.
Trident Univ. CIS BSCS Program, 2011-12	Managed program, curriculum (x14), faculty & students.
Faculty Lead (=Area Coordinator)	Contributed to BSITM/MSITM WASC accreditation effort.
Trident Univ. CIS MSITM/BSITM Programs, 2006-12	Co-developed MSITM concentrations and certification programs in assurance and security.
	Led BSITM program review. Developed/coordinated BSITM courses (x18), Management & Operations courses (x5).

JOURNAL PUBLICATION (x38, all refereed)

- Wang, W. & Murphy, K. (2026). Governance challenges and solutions to nuclear-powered AI data centers. *Issues in Information Systems*, forthcoming.
- Wang, W. & Kalla, C. S. (2026). Clinical healthcare AI industrial solution to data scarcity: Frameworks, challenges, and guidance. *Issues in Information Systems*, forthcoming.
- Wang, W., Guida, M. & Kovacs, P. (2026). Governance for gaming cybersecurity: A case study of Nintendo. *Issues in Information Systems*, forthcoming.
- Hua, J. & Wang, W. (2026). Integrating generative AI to digital literacy education for multi-dimensional

- competencies. *Issues in Information Systems*, forthcoming.
- Casamassa, J., Wang, W., & Masialeti, M. (2025). Generative AI governance for cybersecurity: An integrated approach. *Issues in Information Systems*, 26(3), 484-493.
- Masialeti, M., Mahony, J., & Wang, W. (2024). Acceptance and use of data visualization technologies in mining short interval control systems (SIC). *Issues in Information Systems*, 25(1), 71-84.
- Glascocoe, W. & Wang, W. (2024). Human digital twin initiatives. *Issues in Information Systems*, 25(4), 287-298.
- Kovalchick, L., Peslak, A., Kovacs, P., & Wang, W. (2023). Learning styles preferences, personality characteristics, gender and age of Computer Information Systems students. *Issues in Information Systems*, 24(3), 333--346.
- Peslak, A., Kovalchik, L., Wang, W. & Kovacs, P. (2023). Onliners versus on-grounders in Computer and Information Systems courses in higher education: A two-step cluster analysis. *Information Systems Education Journal*, 21(5), 43-59.
- Wang, W., Peslak, A., Kovacs, P., & Kovalchik, L. (2022). Have students' perceptions of online education changed with the easing of COVID-19 restrictions? *Issues in Information Systems*, 23(3), 199-208.
- Peslak, A., Kovalchik, L., Wang, W. & Kovacs, P. (2021). Effectiveness of educational delivery modes: A study in Computer Information Systems. *Journal of Information Systems Education*, 32(4), 253-261.
- Liu, C. J. & Wang, W. (2021). Knowledge creation in pandemic time: Challenges and opportunities. *Issues in Information Systems*, 22(1), 306-319.
- Abdul, C., Wang, W. & Li, Y. T. (2020). The impact of technology on recruitment process. *Issues in Information Systems*, 21(4), 9-17.
- Mohamed, H. A., Abdul, C., Wang, W. & Mimm, N. (2020). The impact of mobile applications maternity education: A quantitative study of Kenya. *Issues in Information Systems*, 21(2), 314-320.
- Anumula, V., Abdul, C., Wang, W., Kovacs, P., & Powell, L. M. (2020). Social networking for a Learning Management System -- should Facebook be used to supplement Blackboard? *Issues in Information Systems*, 21(1), 131-140.
- Wang, W., Peslak, A., Kovacs, P. & Kovalchik, L. (2019). What really matters in online education. *Issues in Information Systems*, 20(1), 40-48.
- Valasareddy, M., Wang, W., Abdul, C., & Niles, S. P. (2019). The impact of bedtime smartphone usage on sleep: A pilot quantitative study. *Issues in Information Systems*, 20(4), 75-85.
- Donovan, E., Guzman, I.R., Adya, M., & Wang, W. (2018). A cloud update of the DeLone and McLean model of information systems success. *Journal of Information Technology Management*, 29(3), 23-34.
- Peslak, A., Kovalchik, L., Wang, W. & Kovacs, P. (2018). Attitudes towards course delivery: A multi-university study of online, on-ground, and hybrid instruction. *Information Systems Education Journal*, 16(4), 27-33.
- Peslak, A., Kovacs, P., Wang, W., & Kovalchik, L. (2018). A study of university student changing attitudes toward online learning: An analysis of face-to-face, hybrid and online delivery methods over time. *Issues in Information Systems*, 19(1), 98-107.
- Wang, W. & Chopel, T. (2017). Mindfulness and gender: A pilot quantitative study. *Issues in Information Systems*, 18(4), 105-115.
- Wang, W., Kovacs, P., & Baugh, J.M. (2017). Project-based learning in systems analysis and design. *Issues in Information Systems*, 18(2), 71-79.
- Kovacs, P., Peslak, A., Kovalchick, L., Wang, W., & Davis, G.A. (2017). Effectiveness of course delivery methods: A multi-university study. *Issues in Information Systems*, 18(1), 137-147.
- Wang, W. (2016). A learning module for advanced cryptology. *Issues in Information Systems*, 17(4), 98-108.
- Peslak, A., Kovacs, P., Davis, G.A., Wang, W., Kovalchick, L., Ceccucci, W., & Scarpino, J.J. (2016). Does age and gender matter in students' perceptions of instruction effectiveness in on-ground, online and hybrid

- courses? *Issues in Information Systems*, 17(2), 233-241.
- Pauleen, D., Dalal, N., Rooney, D., Intezari, A., & Wang, W. (2015). In bed with technology? Peril, promise, and prudence. *Communications of the Association for Information Systems*, 37(38), 783-796.
- Wang, W. (2015). Improving learning outcomes of textbook content with a supplementary learning module: A case for basic cryptology. *Issues in Information Systems*, 16(3), 172-182.
- Wang, W. (2015). Lessons learned from teaching project-based systems analysis and design. *Issues in Information Systems*, 16(4), 132-142.
- Alfifi, F., Wang, W., Kovacs, P., Davis, G. A., & Al-Maliki, S. Q. (2015). Cloud computing: A cross-cultural comparative study between Computer and Information Systems faculty at a university in United States and a university in Saudi Arabia. *Issues in Information Systems*, 16(1), 41-50.
- Kovacs, P., Kovalchick, L., Peslak, A., & Wang, W. (2015). In-classroom teaching is here to stay—at least for students in Computer & Information Systems. *Issues in Information Systems*, 16(2), 44-52.
- Alfifi, F., Kovacs, P., Al-Maliki, S. Q., Wang, W., & Davis, G. A. (2014). CIS faculty perceptions of the impact and effectiveness of cloud computing technology. *Issues in Information Systems*, 15(1), 190-199.
- Paullet, K., Davis, G.A., & Wang, W. (2013). Cyberforensics and information security: A new and innovative Bachelor's degree program. *Issues in Information Systems*, 14(1), 244-250.
- Kovacs, P., Scarpino, J. J., & Wang, W. (2013). A framework for an Interactive Web-based application course. *Issues in Information Systems*, 14(1), 300-306.
- Hidvégi, Z., Wang, W., & Whinston, A. B. (2007). Binary Vickrey auction—a robust & efficient multi-unit sealed-bid auction against buyer false-name bids. *Decision Support Systems*, 43(2), 301-312.
- Hidvégi, Z., Wang, W., & Whinston, A. B. (2006). Buy-price English auction. *Journal of Economic Theory*, 129(1), 31-52.
- Cook, D. A. & Wang, W. (2006). Neutralizing piracy of motion pictures—reengineering the supply chain of the industry. *Technology in Society*, 26(4), 567-583.
- Wang, W., Hidvégi, Z., & Whinston, A. B. (2001). Designing mechanisms for e-commerce security: An example from sealed-bid auctions. *International Journal of Electronic Commerce*, 6(2), 139-156.
- Wang, W., Hidvégi, Z., Bailey, A. D., & Whinston, A. B. (2000). E-process design and assurance using model checking. *IEEE Computer*, 33(10), 48-53.

BOOK CHAPTER PUBLICAITON (x5, all refereed)

- Wang, W. & Brandt, L. (2023). Mindful change management for disruptive artificial intelligence. In S. Dhiman (Eds.), *The Routledge Companion to Leadership and Change*. Routledge.
- Ray, P. A. & Wang, W. (2023). Management strategies for technology change. In S. Dhiman (Eds.), *The Routledge Companion to Leadership and Change*. Routledge.
- Wang, W. & Malakyan, P. G. (2020). Mindful leadership-followership, co-flow, and co-creativity. In S. Dhiman (Eds.), *The Routledge Companion to Mindfulness at Work* (pp. 662-677). Routledge.
- Malakyan, P. G., Wang, W., & Niles, S. P. (2020). Overcoming the blind spot of positive leadership - authenticity amidst change. In S. Dhiman & J. Marques (Eds.), *New Horizons in Positive Leadership and Change -- A Practical Guide for Workplace Transformation* (pp. 83-101). Springer.
- Malakyan, P. G., Schlak, T. M., & Wang, W. (2020). Diverse personalities, egos, roles, and relations: Toward workplace well-being. In S. Dhiman (Eds.), *The Palgrave Handbook of Workplace Well-being* (pp. 1-31). Palgrave McMillan.

CONFERENCE PUBLICATION (x50, all refereed)

- Premaratne, I.D., Wang, W., Cetrulo, C. L. (2026) Robotic microsurgical systems in plastic surgery: Future or folly? *Plastic Surgery The Meeting*, Houston, TX.
- Masialeto, M. & Wang, W. (2025). The mediating role of explainable AI on phishing susceptibility. *2025 IEEE 7th International Conference on Trust, Privacy and Security in Intelligent Systems, and Applications*

- (TPS-ISA), Pittsburgh, PA, USA, 2025, pp. 650-654. **(Invited paper)**
- Hua, J. & Wang, W. (2025). Measuring privacy literacy on Generative AI: A pilot study of Generation Z. *2025 IEEE 7th International Conference on Trust, Privacy and Security in Intelligent Systems, and Applications (TPS-ISA)*, Pittsburgh, PA, USA, 2025, pp. 616-622. **(Invited paper)**
- Casamassa, J. & Wang, W. (2025). Applying IT governance frameworks for generative artificial intelligence [Conference presentation abstract]. *Accelerated Innovation (AI): Sustainability for Better Humanity; Proceedings of the MakeLearn, TIIM & PIconf International Conference*. ToKnowPress.
- Masialeti, M., Vrooman, S., Moon, S., Glascoe, W., Hossain, M. I., & Wang, W. (2024). The impact of continuous learning on service quality and information quality: The moderating effect of system quality. *2024 Proceedings of the ISCAP Conference*, Baltimore, MD.
- Wang, W. (2024). Applying cybersecurity theories and practices in healthcare [Poster presentation]. *Book of Abstracts of the 21st International Conference on Information Technology: Next Generations (ITNG)*, Las Vegas, NV.
- Peslak, A., Kovalchik, L., Wang, W., & Kovacs, P. (2022). Onliners versus on-grounders in higher education: A two-step cluster analysis. *2022 Proceedings of the EDSIG Conference*, Clearwater, FL.
- Peslak, A., Kovacs, P., Wang, W., & Kovalchik, L. (2021). The COVID-19 effect: have students changed perceptions on online education? *2021 Proceedings of the EDSIG Conference*, Washington D.C.
- Peslak, A., Kovalchik, L., Kovacs, P., & Wang, W. (2020). Effectiveness of educational delivery modes: A study in Computer Information Systems. *2020 Proceedings of the EDSIG Conference*, Clearwater, FL. **(Best Paper Awards—Research)**
- Wang, W. (2019). Doctoral consortium for advanced students. *Proceedings of the 25th Americas Conference on Information Systems (AMCIS)*, Cancun, Mexico. **(Invited Faculty Mentor)**
- Wang W. & Niles, S. P. (2019). Mindful web development: A case study. *Proceedings of the 59th Annual Conference of International Association of Computer Information Systems (IACIS)*, Clearwater, FL.
- Malakyan, P. G., Wang, W., & Hayes, N. R. (2019). Cybersecurity leadership – trust, empowerment and competence. *Proceedings of the 59th Annual Conference of International Association of Computer Information Systems (IACIS)*, Clearwater, FL.
- Abdul, C. & Wang, W. (2019). Understanding the adoption and impact of information technology on healthcare: Case studies in Electronic Health Records and computerized diagnosis. *Thriving on Future Education, Industry, Business and Society; Proceedings of the MakeLearn and TIIM International Conference*. ToKnowPress.
- Niles, S. P., Abdul, C., & Wang, W. (2019). The role of piano technique in typing competency and IT productivity. *Thriving on Future Education, Industry, Business and Society; Proceedings of the MakeLearn and TIIM International Conference*. ToKnowPress.
- Ogirala, S., Abdul, C., Wang, W., & Dasari, S. (2019). Socio-economic factors in disease rates: A longitudinal study of obesity, diabetes and heart disease in Mississippi. *Thriving on Future Education, Industry, Business and Society; Proceedings of the MakeLearn and TIIM International Conference*. ToKnowPress.
- Thompson, C., Abdul, C., Niles, S. P., & Wang, W. (2019). Improving cultural competence and intercultural communications: A case study for global competence training and transfer. *Thriving on Future Education, Industry, Business and Society; Proceedings of the MakeLearn and TIIM International Conference*. ToKnowPress.
- Wang, W. & Bromall, N. (2018). Knowledge and skill gaps in programming. *2018 Proceedings of the EDSIG Conference*, Norfolk, VA.
- Peslak, A., Kovalchik, L., Kovacs, P., Conforti, M., Wang, W., & Bhatnagar, N. (2018). Linking programmer analyst skills to industry needs: A current review. *2018 Proceedings of the EDSIG Conference*, Norfolk, VA.
- Maheshwari, A. K., Neal, J. A., Heaton, D. P., Dhiman, S., Wang, W., & Bauer, K. (2018). Transcendence for solving grand management challenges. *Professional Development Workshop (PDW), Proceedings of the*

- 78th Annual Meeting of the Academy of Management (AOM)*, Chicago, IL. **(Invited Panelist)**
- Wang, W. (2017). Mindfulness education in information systems analysis and design. *Proceedings of the 77th Annual Meeting of the Academy of Management (AOM)*, Atlanta, GA.
- Wang, W. & Skovira, R. J. (2017). Authenticity and social media. *Proceedings of the 23rd Americas Conference on Information Systems (AMCIS)*, Boston, MA.
- Wang, W. (2016). Reality video vs. video modeling—a case study in patient education. *Proceedings of the 22nd Americas Conference on Information Systems (AMCIS)*, San Diego, CA.
- Wang, W. (2016). A learning module for advanced cryptology. *Proceedings of the 56th Annual Conference of International Association of Computer Information Systems (IACIS)*, Nashville, TN. **(Best Paper Awards—Research, Honorable Mention)**
- Wang, W. (2015). Building a contemplative IS workforce through promoting mindfulness in IS design. *Proceedings of the 21st Americas Conference on Information Systems (AMCIS)*, San Juan, Puerto Rico.
- Wang, W. (2015). Empower patients, enhance care. *Proceedings of the 25th International Conference of Pacific Rim Management (ICPRM)*, Los Angeles, CA.
- Wang, W. (2015). A contemplative view on big data. *Proceedings of the 25th International Conference of Pacific Rim Management (ICPRM)*, Los Angeles, CA.
- Dalal, N., Pauleen, D., Rooney, D., Intezari, A., & Wang, W. (2014). In bed with technology: Peril, promise and prudence. *Proceedings of the 25th Australasian Conference on Information Systems (ACIS)*, Auckland, New Zealand. **(Invited Panelist)**
- Kovacs, P., Scarpino, J. J., & Wang, W. (2013). A framework for an interactive Web-based application course. *Proceedings of the 53rd Annual Conference of International Association of Computer Information Systems (IACIS)*, San Juan, Puerto Rico. **(Best Paper Awards—Pedagogy, Honorable Mention)**.
- Dalal, N., Pauleen, D., Jennex, M., Beard, J., Rosen, P., & Wang, W. (2013). Where is the wisdom we have lost in technology? *Proceedings of the 16th Americas Conference on Information Systems (AMCIS)*, Chicago, IL. **(Invited Panelist)**
- Tan, J., Wu, J., Lin, Z. X., & Wang, W. (2013). To regulate or deregulate: The Internet-based lending market in China. *Proceedings of the 10th International Conference on Service Systems and Service Management (ICSSSM)*, Hong Kong, China.
- Knaggs, C., Pollard, S., & Wang, W. (2012). Information transparency—an enabler of theory of constraints success in administrative process improvement. *Proceedings of the 11th Workshop on e-Business (WEB)*, Orlando, FL.
- Devgan, V., Wang, W. & Xue, Y. J. (2012). Enabling beliefs, satisfactions, and information security compliance in mandatory technology settings. *Proceedings of the 11th Workshop on e-Business (WEB)*, Orlando, FL.
- Knaggs, C., Pollard, S., & Wang, W. (2012). Applying theory of constraints in administrative process: An experiment from the U.S. government. *Proceedings of the 3rd International Conference on Management Science and Engineering (ICMSE)*, Dallas, TX.
- Huerta, G., Wang, W., Hunt, D., Stevens, M. J., & Stevison, J. M. (2012). Post-traumatic growth and global management competence—enablers of retention after risk exposure in international assignment experiences. *Proceedings of the 3rd International Conference on Management Science and Engineering (ICMSE)*, Dallas, TX.
- Ash, P., Wang, W., Chang, J., & Hubona, G. (2011). Management of change to ensure IS success: A longitudinal study. *Proceedings of International Conference on Information Systems (ICIS)*, Shanghai, China.
- Barto, T. & Wang, W. (2010). Deterring adolescent dependency on text messaging: A conceptual model and framework for behavior control. *Proceedings of the 16th Americas Conference on Information Systems (AMCIS)*, Lima, Peru.

- Merin, Y. & Wang, W. (2008). The benefits of unexpected informal customer support from vendors in online communities. *Proceedings of the 14th Americas Conference on Information Systems (AMCIS)*, Toronto, Canada.
- Wang, W. (2007). Current research on list prices in online auctions. *Annual Conference of the China Information Economic Society*, Harbin, China. (**Invited Keynote**)
- Cook, D. A. & Wang, W. (2005). To the question 'Does IT matter?' Hollywood answers 'Yes.' *Proceedings of the 38th Annual Hawaii International Conference on System Sciences (HICSS)*, Big Island, HI.
- Wang, W. & Yen, Y. M. (2005). General guidelines of internal control over Internet-based electronic commerce. *Proceedings of Asia Pacific Decision Science Institute (APDSI)*, Taipei, Taiwan.
- Wang, W. & Cook, D. A. (2004). Preserving and interpreting culture heritage: Lessons learned from film restoration. *Workshop on e-Culture, U-Tourism & Virtual Heritage*, Washington D.C.
- Wang, W. (2004). The IS framework for preserving dance heritage. *Workshop on e-Culture, U-Tourism & Virtual Heritage*, Washington D.C.
- Hidvégi, Z., Wang, W., & Whinston, A. B. (2003). Sequential auctions with shill bidding. *Proceedings of the 5th International Conference on Electronic Commerce (ICEC)*, Pittsburgh, PA.
- Hidvégi, Z., Wang, W., & Whinston, A. B. (2002). Buy-price English auction. *Workshop for Information Systems and Economics (WISE)*, Barcelona, Spain.
- Hidvégi, Z., Wang, W., & Whinston, A. B. (2002). Shill bidding in multi-round online auctions. *Proceedings of the 35th Annual Hawaii International Conference on System Sciences (HICSS)*, Big Island, HI.
- Wang, W., Hidvégi, Z., & Whinston, A. B. (2000). Economic mechanism design for securing online auctions. *Proceedings of 21st International Conference on Information Systems (ICIS)*, Brisbane, Australia.
- Wang, W., Hidvégi, Z., & Whinston, A. B. (2000). Designing secure mechanisms for online processes. *Proceedings of the 2nd International Conference on Electronic Commerce (ICEC)*, Seoul, Korea.
- Wahl, M., Wang, W., & Bruck, R. (1999). Digital systems design—an example for efficient Web-based training. *Proceedings of the IEEE Workshop on Design, Test and Applications*, Dubrovnik, Croatia.
- Baily, A. D., Barua, A., Wang, W., Whinston, A. B., & Yen, Y.M. (1998). General guidelines of internal control over Internet-based electronic commerce. *Proceedings of the International Conference on Administrative Sciences (ICAS): New Horizons & Role in Development*, Dhahran, Saudi Arabia.
- Wang, W., Hidvégi, Z., & Whinston, A. B. (1997). Binary multi-unit eAuction robust against buyer false-name bidding. *Internet Productivity Conference*, Austin, TX.

HONOR AND AWARD

Awards	Best Paper Awards in Research, 2020 EDSIG Conference Best Paper Awards in Research, Honorable Mention, 2016 IACIS Conference Best Paper Awards in Pedagogy, Honorable Mention, 2013 IACIS Conference
Grants	NAIRR Pilot federal award (National AI Research Resource), Co-PI — 20,000 GPU-hours (Purdue Anvil AI) + SambaNova Cloud for surgical video-AI with Cedars-Sinai, 2026–2027
Grants	\$80,000 (matching), Enterprise Process Innovation & Computing Lab, City U. of HK, 2013 \$60,000 (matching), IRIS Systems, Shenzhen, China, 2013
Fellowship	Faculty Development Funds for AI Training, \$2000, Robert Morris University, 2025 Summer Research Fellowship, Robert Morris University, 2013, 2014, 2016 Summer Research Fellowship, Emory University, 2001, 2002 Fellowship, Center for Research in E-Commerce, University of Texas at Austin, 1998-2000
Scholarship	1st tier Scholarship, Beijing University of Posts and Telecommunications, 1993 2nd tier Scholarship, Beijing University of Posts and Telecommunications, 1992 1st tier Scholarship, Beijing University of Posts and Telecommunications, 1991
Exemption	Graduate Student Entrance Exam, Beijing University of Posts and Telecommunications, 1994 China National College Entrance Exam, direct admission to Peking University, 1990 China National Level II Athlete in Women's High Jump, 1993

Misc. China National Sports Meet by Ministry of Posts and Telecommunications, ranked 8th, 1993

PROFESSIONAL SERVICE

Editorial	Associate Editor, <i>International Journal of Patient-Centered Healthcare</i> , 2019-2025
Member	Editorial Review Board, <i>Journal of Database Management</i> (A), 2004-present Editorial Review Board, <i>Journal of Computer Information Systems</i> (A), 2024-present Editorial Review Board, <i>International Journal of E-Business Research</i> , 2004-2008
Panelist	Doctoral Consortium for Advanced Students, <i>AMCIS</i> , 2019. Transcendence for solving grand management challenges, <i>AOM</i> , 2018. In bed with technology: Peril, promise and prudence, <i>ACIS</i> , 2014. Where is the wisdom we have lost in technology? <i>AMCIS</i> , 2013.
Program	<i>Marketing Educators' Association Conference</i> , 2009
Committee	<i>17th International World Wide Web Conference</i> , 2008
Member	<i>Information Resources Management Association International Conference</i> , 2005 <i>Pre-ICIS04 Academic Workshop on e-Culture, U-Tourism and Virtual Heritage</i> , 2004 <i>5th International Conference on Electronic Commerce</i> , 2003 <i>8th Annual Informis Conference on Information Systems and Technology</i> , 2003
Track Chair	Internet & e-commerce, <i>International Conference of Pacific Rim Management</i> , 2015. Organizational strategy and knowledge management, <i>International Conference on Management Science and Engineering</i> , 2012.
Reviewer	National Science Foundation, <i>Management Science</i> , <i>Information Systems Research</i> , <i>Decision Support Systems</i> , <i>Economic Modeling</i> , <i>Communications of the ACM</i> , <i>IEEE Proceedings-Software</i> , <i>Applied Artificial Intelligence</i> , <i>Journal of Database Management</i> , <i>Journal of Computer Information Systems</i> , and many other journals and conferences.

DOCTORAL GRADUATE

Chaired (x11)	Position	Dissertation Title
Masialeti Masialeti PhD (2025)	Head of IT and Digital First Quantum Minerals	Assessing the impact of AI/ML enabled cybersecurity capability on mining employees phishing susceptibility behavior
Brandial Bright PhD (2023)	Founder & CEO Fifth Level Consulting	Human and technology factors in fully automated autonomous vehicles
Cheng-Jen Liu DSc (2022)	AI/ML Systems Software Engineer, MITRE	COVID-19 pandemic impact on mortgage performance: A machine learning predictive analytics perspective
Lorraine Brandt DSc (2022)	Senior Data Scientist MITRE	Quantum artificial intelligence: A systematic review
Kendal V. Polk DSc (2019)	Cybersecurity Branch Chief Surface Divi., U.S. Dept. Homeland Security	Senators, solicitors, or scientists: Deterministic programming for ethical decision-making in autonomous systems
Chaza F. Abdul-AI DSc (2019)	Assistant Professor, Health Informatics, Harrisburg University	Efficacy of secure messaging on STEMI care process improvement and Door-to-Balloon time reduction: A qualitative study
Fred Y. Robinson DSc (2018)	Systems Engineer MITRE	Jingle Fallacy influences on systems acquisition: Communications breakdown?
Vipan Devgan PhD (2012)	Counselor & Adjunct Professor	Satisfaction, self-efficacy, and compliance in mandatory technology settings
Pauline Ash Ray PhD (2011)	Chair & Professor, Business Thomas University	Management of change to ensure IS success: A longitudinal study
Gregorio E.A. Huerta PhD (2011)	CITI Ministries, Inc.	The crucible international assignment experience of combat deployment
Ralph Wayne Ezelle	Company owner, expert	The impact of the Sarbanes Oxley Act on auditing fees: An

Jr., PhD (2011)	witness, energy industry	empirical study of the oil and gas industry
Served (x7)		
Craig Weaver PhD (2023)	Lead systems engineer MITRE	A case study: Independent restaurants' perceptions of factors that influence the adoption of e-commerce technology in the wake of the COVID-19 pandemic
Chaojie Wang DSc (2019)	Sr. IT Specialist & Sr. Data Analyst, U.S. Government Accountability Office	Beyond technology: Design a value-driven integrated process model for data analytics
Fred Hoffman DSc (2019)	Dept. Co-chair & Assoc. Prof. Intelligence Studies, Mercyhurst University	The impact of national culture on information security attitudes
Edgardo Donovan PhD (2018)	US Diplomat, Diplomatic Technology Officer U.S. State Department	Critical privacy/security boundary conditions of the transformative use of cloud computing
Devann M. Steele PhD (2014)	Vice President HR Shared Services Humana	Mergers & Acquisitions: The roles of cultural/relational fit and human integration in cultural/relational convergence and organizational commitment
Christopher D. Knaggs PhD (2013)	Director, Continuous Process Improvement, DCMA U.S. Defense Department	Theory of Constraints: Empirical test of applicability and constructs beyond the manufacturing sector
Rudolph F. Lalak PhD (2012)	Clinical Assistant Professor LIM College	An examination of the impacts of aggressive tax reporting, earnings management and risk taking on tax cushion in a post Fin 48 environment

UNIVERSITY SERVICE

Robert Morris University (x5)

Academic Integrity Council (2013-present)
Innovative Teaching Advisory Board (2015-17) (invited)
Data Analytics Taskforce (2016-17)
Faculty Advisory Council for International Student and Faculty Services (2013-14)
Chinese Student Recruit (2018-19)

RMU, School of Data Intelligence and Tech (x10)

PhD Course Update Committee (2024-25)
PhD Scholarship Committee (2022-24)
PhD Colloquium Steering Committee (2021-22)
PhD Program Design & Development (2019-21)
PhD Admission Committee (2020-21)
Game Studies Interdisciplinary Program (2020-21)
DataRobot Academic Liaison (2018-21)
DSc Doctoral Curriculum Review (2017-18)
DSc Doctoral Seminar Courses Review (2016-17)
Strategic Review for BS-CFIS (2013)

RMU, Computer Information Systems Dept. (x22)

Graduate IS Analytics and AI Curriculum (2025-26)
BS Cybersecurity Capstones Review (2024-25)

Trident University (x6)

University Grading Policy Taskforce (chair)
Academic Policy
Management of Program Reviews
Faculty Feedback Assessment Tool
WASC Self-study Committees (x2)

Trident Univ. College of Info. Systems (x8)

BSITM Program Review (chair)
BSCS Program Review (chair)
BSCS Concentration Development (chair)
BSCS Faculty Evaluation (chair)
MSITM Concentration Development
MSITM Program Review
Faculty Search
Course Assessment

Trident University, CBA and CIS (x8)

Faculty Search
PhD Qualifying Exam Management

MS Graduate Certificate in AI Management (2024)
 MS Applied AI Program Development (2023-24)
 Faculty Search Committee (2021-23)
 BS/MS Cybersecurity Development (2021-22)
 MS Data Analytics Task Force (2020-21)
 MS Data Science Program Development (2019-21)
 BS Data Analytics Task Force (2020-21)
 Faculty Review Committee (2019-20, 2022-23)
 Graduate Program Consolidation (2019-20)
 CAE-CDE Designation Application (2016-19)
 BS-CFIS & MS-CSIA Cybersecurity Update (2018-19)
 Graduate Program Assessment (2016-17)
 Online Course Quality Assessment (2013-17)
 Faculty Promotion Review (2014-15)
 Amazon Cloud Curriculum Evaluation (2016-18)
 IBM Product Evaluation Committee (2012-13)
 Curriculum Development-Data Science (2018-19)
 Curriculum Development-Health Informatics (2014-18)
 Curriculum Development-C# (2014-16)

PhD Program Review
 PhD Student Advising
 PhD Student Orientation
 PhD Dissertation Committees
 PhD Qualifying Exam Committees
 PhD Student Orientation

TEACHING

Topic	Undergraduate (x40)	Master's (x33)	Doctoral (x25)
AI		Applied research in AI Emerging topics in AI ML & robots in business	Quantitative Method II AI & big data for decision making Research design & field work Literature review Theory development & knowledge management Adv method seminar Quality assurance seminar Data collection Introductory data analysis Advanced data mgmt. & analysis Adv. multivariate data analysis
Research			
Data Science	Intro. to statistical methods Intro. to decision science Intro. to decision support sys.	Intro. to data analytics	
Cybersecurity	Date security & cryptography Computer & network security IT security, control/assurance IT govern., control, assurance	Applied cryptography Computer network security Info. tech security & assurance IT governance Cybersecurity strategy & governance Foundation of cybersecurity management Principles info. security auditing & forensics IT security & disaster recovery management Info. security for managers & policy makers Seminar: Security & information assurance	
Network	Applied data communications Network/data/comp comm. Computer networking Advanced networking	Applied data communications Networks & data computer/comm.	

	Network mgmt. & admin		
	Administer IT infrastructure		
Systems	Systems analysis & design	Systems analysis & design	
	Adv system analysis & design	OO system analysis & design	
	System acquisition, develop. & project management	Managing IT system develop in context	
ITM	Introduction to MIS	Decision support SAD	Foundations of IS
	Tech & digital economy	MIS & business strategy	Seminar: Tech & market I
	Project management	Technology & digital economy	Special topics in IT mgmt.
	Computerization in org.	Project management comm./IS	Organization studies II
	IS in organizations	Leadership skills IT project mgmt.	Seminar in IS & ITM
	Art & the Possible: Film & tech	Strategic planning IT project mgmt.	
	Global, eco., social & ethical issues in computing		
Program	Visual Basic I, II	Visual Basic I, II	
ming	Database systems I	Database & knowledgebase management	
	Intro web development & e-commerce tech	Web development & e-commerce tech	
	Intermediate OO program.	Intermediate OO programming	
	Introduction to computing		
	Software use & tech support		
	Seminar in IS II: Web design		
	Web engineering & programming I, II		
Health IS	Health care information sys.	Advanced health care informatics	
Capstone	BSBA integrative project	MS integrative project	PhD Capstone
Advisory	Direct study	Direct study	Direct study: Methodology
	Independent study		Research Project I, II, III
	Honors thesis		Dissertation I, II, III, IV
Misc.	Intro. to college math		
	Principle of Finance		