

# Chen Zhong

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Information and Technology Management  
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## RESEARCH INTEREST

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My research interests include cybersecurity, AI, and data analytics, with an emphasis on responsible AI in decision-making and human-AI collaboration. Specifically, I explore:

- Cybersecurity: Anomaly detection, incident response, deception detection, and insider threats.
- AI: Human-AI collaboration, explainable AI (XAI), and AI-assisted decision making.
- Data Analytics: Text mining, data mining, and cyber analytics.
- AI Security in Healthcare: Security issues in AI-assisted diagnosis.
- Gamification and AI-enhanced training.

## EDUCATION

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Pennsylvania State University, University Park, Pennsylvania USA

**Ph.D, Information Sciences and Technology** 2016

Advisor: Peng Liu, Co-Advisor: John Yen

Thesis: “A Cognitive Process Tracing Approach to Cybersecurity Data Triage Operations Automation”

**Graduate Minor, Applied Statistics** 2014

Nanjing University, Nanjing, China

**Bachelor of Science, Computer Science and Technology** 2011

## ACADEMIC EXPERIENCE

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*Assistant Professor* Aug, 2020 - Present  
Cybersecurity, Department of Information and Technology Management, Sykes College of Business, The University of Tampa, Florida, USA

*Assistant Professor* Aug, 2016 - May, 2020  
Informatics and Computer Science, School of Science, Indiana University Kokomo, Indiana, USA

*Research Assistant* Aug, 2011 - May, 2016  
College of Information Sciences and Technologies, Pennsylvania State University, University Park, Pennsylvania USA

*Teaching Assistant* Sep, 2015 - Dec, 2015  
Information Sciences and Technologies, Pennsylvania State University, University Park, Pennsylvania USA

## TEACHING EXPERIENCE

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- ITM 380 Network Security SP 2024, FA 2023, SP 2023, FA 2021, SP 2021, FA 2020
- CYB 610 Cloud Systems Security FA 2024, FA 2023, FA 2021, FA 2020
- CYB 630 Incident Response Management FA 2024, SP 2024, FA 2023, SP 2023, SP 2022, SP 2021
- INFO I450/CSCI C380 System Analysis and Design (Capstone course) FA 2019, FA 2018
- CSCI C100 Problem Solving Using Computer (intro-level CS) FA 2018
- INFO I101: Introduction of Computer (intro-level CS and Informatics) FA 2019, FA 2018, SP 2018, FA 2017, SP 2017, FA 2016
- INFO I202: Social Informatics (Security and Privacy) SP 2019, SP 2018, SP 2017
- INFO I303: Organization Informatics (Organizational database and network, decision-making support system) SP 2019, SP 2018, SP 2017
- INFO I399: Advanced Topics in Informatics: Cybersecurity SP 2019, SP 2018

## GRANTS

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- PI: **Chen Zhong**, Co-PI: Alper Yayla, “The Impact of Artificial Intelligence on Cybersecurity Decision-Making”, Research Innovation and Scholarly Excellence (RISE) (\$14,462.40), The University of Tampa 2024-2025
- PI: **Chen Zhong**, “A Study on Transformer-Based Insider Detection”, Google Cloud Research Credits, (\$5,000.00), Google Cloud 2023-2024
- PI: **Chen Zhong**, Co-PI: Joo Baek Kim, “Assessing Students’ Self-Efficacy and Learning Effectiveness Using Gamification in Cybersecurity Courses”, Research Innovation and Scholarly Excellence (RISE) (\$12,564.03), The University of Tampa 2021-2022
- PI: **Chen Zhong**, Co-PI: Hong Liu, “Supporting Undergraduate Women in Computing: A Peer Mentoring and Collaboration Program”, Womens Philanthropy Leadership Council Grant (IU WPLC) (\$5,000), Indiana University. 2019-2020
- PI: Hisako Masuda, Co-PI: **Chen Zhong** and Yan He, “Computational Data Analysis Training Modules: Promoting Quantitative Reasoning and Early Research for Science Undergraduate Majors”, Indiana University Collaborative Research Grants (IUCRG) (\$43,667), Indiana University. 2018-2019
- PI: **Chen Zhong**, “LEGO Programming Training Approach”, 2019-20 IUW Women of the Well House (\$2,500), Indiana University Kokomo. 2018-2019
- PI: **Chen Zhong**, “Retrieving Cybersecurity Analysis Experience”, Grant-in-Aid of Faculty Research Grant (\$3,100), Indiana University Kokomo. 2018
- PI: **Chen Zhong**, Undergraduate Research/Creative Works (\$2,500), “A Visual System for Supporting Collaborative Cybersecurity Analysis”, Indiana University Kokomo. 2018
- PI: Peng Liu, Subcontractor: **Chen Zhong**, “Recognizing Unexplained Behavior in Network Events” (\$12,774), subcontract award from the Pennsylvania State University, ARO (Solicitation: W911NF-12-R-0012-04). 2017

## PUBLICATIONS

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[J]:Journal, [C]: Conference proceeding (peer-reviewed publication), [BC]:Book chapter, [T] thesis, \*:Corresponding author

### Selected Journal Publications

1. [J] **Chen Zhong\***, Alper Yayla, (2025) “Cognitive impacts of explainable AI in cybersecurity incident response: challenges and propositions”, *Information Systems Frontiers*, 1-23. 1 (**ABDC: A**)
2. [J] J.B. Kim\*, **Chen Zhong**, Hong Liu, (2025). “The impact of gamification on cybersecurity learning: Multi-study analysis”, *Communications of the Association for Information Systems (CAIS)*, 56(1), 6. 1 (**ABDC: A**)
3. [J] **Chen Zhong**, John Oruongo, and J.B. Kim (2025). “LLM-powered low-code/no-code data analytics in education and workforce development.” *Com-*

- puter, 58(3), 49-59. 1 (**Cabell's Acceptance Rate: 25%**)
4. [J] **Chen Zhong\***, Hisako Masuda, and Yan He, (2024). "Integrating data analytics training into curricula at small colleges: A practical framework for enhancing student skills", *Journal of Statistics and Data Science Education (formerly Journal of Statistics Education)*, 1-13. 1 (**ABDC: B**)
  5. [J] **Chen Zhong\***, J.B. Kim, Hong Liu, (2024). "The art of inclusive gamification in cybersecurity training", the *IEEE Security & Privacy* . 1 (**Cabell's Acceptance Rate: 25%**)
  6. [J] **Chen Zhong\***, Hong Liu, and Hwee-Joo Kam, (2024). "Mining reddit users perspectives on cybersecurity competitions: A mixed method approach.", *Information and Computer Security*, 32(5), 636-655. 1 (**ABDC: B**)
  7. [J] **Chen Zhong**, Sunita Goel\*, (2024). "Transparent AI in auditing through explainable AI.", *Current Issues in Auditing*, 18(2), A1-A14. 1 (**ABDC: B**)
  8. [J] **Chen Zhong\***, J.B. Kim, (2024). "Teaching business students logistic regression in R with the aid of chatgpt", *Journal of Information Systems Education (JISE)*, 35(2), 138-143. 1 (**ABDC: B**)
  9. [J] **Chen Zhong\***, J.B. Kim, Alper Yayla, (2023). "Enhancing communication among remote cybersecurity analysts with visual traces", *IEEE IT Professional*, 25(5), 29-36. 1 (**Cabel's Acceptance Rate: 25%**)
  10. [J] J.B. Kim\*, **Chen Zhong**, and Hong Liu, (2023). "Teaching tip: What you need to know about gamification process of cybersecurity hands-on lab exercises: Lessons and challenges." *Journal of Information Systems Education (JISE)*, Vol. 34 : Iss. 4 , 387-405. 1 (**ABDC: B**)
  11. [J] Hong Liu, **Chen Zhong**, Awny Alnusair\*, and Sheikh Rabiul Islam. (2021). "FAIXID: A framework for enhancing AI explainability of intrusion detection results using data cleaning techniques. " *Journal of Network and Systems Management (JNSM)*, 29, 40. doi.org/10.1007/s10922-021-09606-8. 1 (**Cabel's Acceptance Rate: 35%**)
  12. [J] **Chen Zhong\***, Tao Lin, Peng Liu, John Yen, and Kai Chen. (2018). "A cyber security data triage operation retrieval system." *Computers & Security* (2018), 76, pp.12-31. 1 (**ABDC: A**)
  13. [J] **Chen Zhong\***, John Yen, Peng Liu, and Robert F. Erbacher. (2018). "Learning from experts' experience: Toward automated cyber security data triage." *IEEE Systems Journal*, 99, pp.1-12. 1 (**Cabel's Acceptance Rate: 21%**)

## Manuscripts Under Review

14. [J] **Chen Zhong\***, Alper Yayla, Xueping Liang, Hwee-Joo Kam, "Identifying analysts context-aware needs for AI explainability in cyber defense analysis. " *ACM Transactions on Computer-Human Interaction*, (Under Major Revision). 1 (**ABDC: A\***)
  - Received decision after 1st submission in July 2025.
15. [J] Ru-Shiun Liou\*, **Chen Zhong**, Sulei Han, and Emilija Djurdjevic, "CSR mirror: A social media analysis of corporate social responsibility discourse."

Group & Organization Management , (Under 2nd-Round Review). 1 (Journal Impact: **ABDC: A**)

## Manuscripts Ready to Submit

16. [J] **Chen Zhong**, Xueping Liang\*, Chang Yue, Kai Chen, “When adversarial thinking meets cognitive bias: An efficient design framework for automated deception detection in mobile platforms. ” *Journal of Management Information Systems*, (Rejected, Revising and Resubmitting to Information Systems Research). 1 (**ABDC: A\***)
  - Attended the 2025 MISQ Paper Development Workshop
17. [J] **Chen Zhong\***, Wei Xie, Rui Chen, “Designing dual-impact detection systems: persuasion-aware smishing detection for long-term user empowerment.” *MISQ*, (Manuscript Ready to Submit). 1 (**ABDC: A\***)
  - Presented paper-in-progress at NeuroIS 2024, AMCIS 2023
18. [J] Xueping Liang\*, **Chen Zhong**, Shiwei Liu, Hongchen Liu, Juan Zhao, Sridhar Yaddanapudi, Attila Hertelendy and Yan Chen, “Assessing AI model resilience against adversarial attacks in medical imaging. ” *MIS Quarterly*. 1 (**ABDC: A\***)
  - Abstract accepted by MIS Quarterly (MISQ) special issue on “Artificial Intelligence-Information Assurance Nexus: The Future of Information Systems Security, Privacy, and Quality.”
  - Presented the paper in the MISQ Paper Development Workshop in July 2025.

## Other Publications

19. [C] Chang Yue, **Chen Zhong**, Kai Cheng\*, Zhiyu Zhang, and Yeonjoon Lee, (2024). “DarkFleece: Fleeceware detection on android system based on dark patterns.” In The 33rd *USENIX Security Symposium (USENIX)*, (pp. 1-18). (Tier-1 Security Conference, **Acceptance Rate: 18%**)
20. [C] Hwee-joo Kam, **Chen Zhong**, Allen Johnston, Wael Soliman. “Generative AI and cybersecurity: An activity theory perspective.” *SIGHCI 2024 Proceedings*. 14.
21. [C] Nour El Shamy, Wei Xie, and **Chen Zhong**. “Smishing: Exploring how different persuasion techniques influence users emotions, cognitions, and identification accuracy.” In NeuroIS Retreat, 2024, pp. 345-355. Cham: Springer Nature Switzerland.
22. [C] **Chen Zhong**, Motahareh Pourbehzadi, and Giti Javidi, “Insider detection based on behavior sequences: A transformer approach”. ICIS 2024 Proceedings. 12.

23. [C] **Chen Zhong**, Sam Zaza, and Valerie Bartelt. “Understanding communication preferences in collaborative cybersecurity incident response.” In *Proceedings of the 2024 Computers and People Research Conference*, pp. 1-1. 2024.
24. [C] **Chen Zhong\***. “Supporting effective communication in remote cybersecurity analyst team.” *AMCIS 2023 (Best ERF Paper Runner-up Award)*.
25. [C] **Chen Zhong\***, Qinwei Ni, and Ping Chen, “Predicting analysts needs for explainable artificial intelligence in cybersecurity analysis. ” *AMCIS 2023*.
26. [C] Hwee-Joo Kam, **Chen Zhong**, Hong Liu, Allen C. Johnston, “The blend of human cognition and AI automation: What will chatgpt do to the cybersecurity landscape?” *The 2023 Dewald Roode Workshop on Information Systems Security Research*, IFIP WG8.11/WG11.13, 2023.
27. [C] Ed Marcavage, Jacob Mason, and **Chen Zhong\***, “Predicting the effectiveness of blockchain bug bounty programs. ” *The 36th International FLAIRS Conference 2023* (poster).
28. [C] **Chen Zhong\***, Joo Baek Kim, and Hong Liu. “The impact of gamification on students learning outcome and career interest in cybersecurity education.” In *AMCIS 2022 Proceedings*. 9.
29. [C] Brock Floyd, Jared Jackson, Emma Probst, Hong Liu, Nischal Mishra, **Chen Zhong\***, “Understanding learners interests in cybersecurity competitions on reddit.” In *2021 13th International Conference on Education Technology and Computers*, pp. 444-449. 2021.
30. [C] Joshua Ian Bertrand, Alex Martakis, Hong Liu, **Chen Zhong\***, and Jun Yao, “Exploring participants views of cybersecurity competitions through the lens of social media. ” In *2020 IEEE Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA)*, pp. 155-162. IEEE, 2020.
31. [BC] **Chen Zhong**, John Yen, and Peng Liu\*. “Can cyber operations be made autonomous? An answer from the situational awareness viewpoint.” In *Adaptive Autonomous Secure Cyber Systems*, pp. 63-88. Springer, Cham, 2020.
32. [C] Lindsey Thomas, Moises Balders, Zach Courtney, **Chen Zhong\***, Jun Yao, and Chunxia Xu. “Cybersecurity education: From beginners to advanced players in cybersecurity competitions.” In *2019 IEEE International Conference on Intelligence and Security Informatics (ISI)*, pp. 149-151. IEEE, 2019.
33. [C] **Chen Zhong\***, Awny Alnusair, Brandon Sayger, Aaron Troxell, and Jun Yao. “AOH-Map: A mind mapping system for supporting collaborative cyber security analysis.” In *2019 IEEE Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA)*, pp. 74-80. IEEE, 2019.
34. [C] Hong Liu\*, **Chen Zhong**, “Assessing programming education approaches for college beginners with different backgrounds.” *The 10th International Conference On Education Technology And Computers (ICETC)*, pp. 136-139. ACM, 2018.
35. [BC] Tao Lin, **Chen Zhong**, John Yen, and Peng Liu\*. “Retrieval of relevant historical data triage operations in security operation centers.” In *From Database to Cyber Security*, pp. 227-243. Springer, Cham, 2018.
36. [C] Lindsey Thomas, Adam Vaughan, Zachary Courtney, **Chen Zhong\***, Awny Alnusair. “Supporting collaboration among cyber security analysts through

- visualizing their analytical reasoning processes”. *IEEE International Workshop on Machine Learning and Artificial Intelligence for Multimedia Creation*. In Conjunction with IEEE ICME '18. San Diego, CA, USA. (2018).
37. [J] **Chen Zhong\***, Hong Liu, and Awny Alnusair. “Leveraging decision making in cyber security analysis through data cleaning.” *Southwestern Business Administration Journal* 16, no. 1 (2017): 1
  38. [J] Awny Alnusair\*, **Chen Zhong**, Majdi Rawashdeh, M. Shamim Hossain, and Atif Alamri. “Context-aware multimodal recommendations of multimedia data in cyber situational awareness.” *Multimedia Tools and Applications*, 76, no. 21 (2017): 22823-22843. (IF: 2.101)
  39. [C] Zachary Courtney, Scott Finney, Matt Floyd, **Chen Zhong\***, Awny Alnusair, “A cognitive-based visualized collaboration support system for cyber defense analysis.” *The International Conference of Technology Innovation, Management and Entrepreneurship (TIME-2017)*. Springer. (2017)
  40. [BC] **Chen Zhong\***, John Yen, Peng Liu, Robert F. Erbacher and Christopher Garneau. “Studying analysts data triage operations in cyber defense situational analysis.” In Peng Liu, Sushil Jajodia, and Cliff Wang (Eds.), In *Theory and Models for Cyber Situation Awareness*, pp. 128-169. Springer, Cham, 2017.
  41. [C] **Chen Zhong\***, John Yen, Peng Liu, and Robert F. Erbacher. “Automate cybersecurity data triage by leveraging human analysts cognitive process.” In *IEEE International Conference on Intelligent Data and Security (IEEE IDS)*, 2016.
  42. [C] **Chen Zhong\***, John Yen, Peng Liu, Robert F. Erbacher, Renee Etoty, and Christopher Garneau. “An integrated computer-aided cognitive task analysis method for tracing cyberattack analysis processes.” In *proceedings of the 2015 Symposium and Bootcamp on the Science of Security*, p. 9. ACM, 2015.
  43. [C] **Chen Zhong\***, John Yen, Peng Liu, Robert F. Erbacher, Renee Etoty, and Christopher Garneau. “ARSCA: A computer tool for tracing the cognitive processes of cyberattack analysis.” In *proceedings of IEEE Cognitive Methods in Situation Awareness and Decision Support (CogSIMA)*, pp. 165-171. IEEE, 2015.
  44. [T] **Chen Zhong\***, John Yen, Peng Liu, Robert F. Erbacher, and Christopher Garneau, “Peer into cyber security analysts minds: Capturing and studying their cognitive processes of analytical reasoning.” Graduate Exhibition of Research, Pennsylvania State University, University Park, PA, March 2015. *Awarded the First Place in Engineering*.
  45. [BC] John Yen\*, Robert F. Erbacher, **Chen Zhong**, and Peng Liu. “Cognitive process.” In Alexander Kott, Cliff Wang and Robert F. Erbacher (Eds.), *Cyber Defense and Situational Awareness* (ISBN: 978-3-319-11390-6), pp. 119-144. Springer International Publishing, 2014.
  46. [C] **Chen Zhong\***, Deepak S. Kirubakaran, John Yen, Peng Liu, Robert F. Erbacher, Steve Hutchinson, Renee Etoty, Hasan Cam, and William Glodek. “RankAOH: Context-driven similarity-based retrieval of experiences in cyber analysis.” In *proceedings of Cognitive Methods in Situation Awareness and Decision Support (CogSIMA)*, pp. 230-236. IEEE, 2014.
  47. [C] **Chen Zhong\***, Deepak S. Kirubakaran, John Yen, Peng Liu, Steve Hutchin-

- son, and Hasan Cam. “How to use experience in cyber analysis: An analytical reasoning support system.” In *proceedings of Intelligence and Security Informatics (ISI)*, pp. 263-265. IEEE, 2013.
48. [C] **Chen Zhong\***, Mingyi Zhao, Gaoyao Xiao, and Jun Xu, “Leveraging visualization function in hypothesis-based collaboration on cyber analysis.”, *IEEE VIS 2013 VAST Challenge Workshop*, Atlanta, GA, 2013. **Honorable Mention.**
49. [C] Mingyi Zhao\*, **Chen Zhong**, Richard Ciamaichelo, Michael Konek, Neela Sawant and Nicklaus A. Giacobe. “Federating geovisual analytic tools for cyber security analysis.” In *2012 IEEE Conference on Visual Analytics Science and Technology (VAST)*, pp. 303-304. IEEE, 2012 (Short Paper).

## ACADEMIC HONORS AND AWARDS

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- Outstanding Faculty Award Nominee, The University of Tampa 2025
- Outstanding Faculty Advisor Award, The University of Tampa 2024
- COB Course Offload Teaching Award, The University of Tampa 2023
- Research Innovation and Scholarly Excellence (RISE) Award, The University of Tampa 2021
- COB Course Offload Research Award, The University of Tampa 2020
- Indiana University Trustees Teaching Award 2019
- Indiana University Kokomo Summer Faculty Fellowship 2019
- Women in Cybersecurity (WiCys) Faculty Scholarship 2018
- Grace Hopper Faculty Scholarship 2017
- Indiana University Kokomo Summer Faculty Fellowship 2017
- (ISC)<sup>2</sup> Foundation Graduate Scholarship 2015
- 1<sup>st</sup> Place in Engineering, Graduate Exhibition, Pennsylvania State University 2015
- HotSoS Conference Student Travel Award 2015
- CogSIMA Conference Student Travel Awards 2015, 2014
- Grace Hopper Scholarship of Women in Computing 2013
- IEEE VAST Challenge 2013 Honorable Mention 2013
- National Undergraduate Innovation Grant, China’s Ministry of Education 2010
- National Scholarship, China’s Ministry of Education (Awarded to top 1%) 2010, 2009, 2008
- Outstanding Student Awards (Awarded to top 5%), Nanjing University, China 2010, 2009, 2008

### Students’ Awards

- National Cyber League Top 50 Team 2024
- National Cyber League Top 50 Team 2022

- Travel Award, Florida Undergraduate Research Conference 2022
- Runner-Up Award, COB Study Research Day 2022
- Women in Cybersecurity Student(WiCys) Scholarship 2021, 2019, 2018
- Grace Hopper Celebration (GHC) Student Scholarship 2018
- Best Poster Award, IUK Research Symposium 2018
- Travel Award for Presenting at National Conferences on Undergraduate Research (NCUR) 2018
- Best Poster Award of IUK Research Symposium 2017
- Travel Award for Presenting at NCUR 2017

## UNIVERSITY SERVICES

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- Graduate Curriculum Committee, University of Tampa 2025, 2024
- Faculty Access Committee, University of Tampa 2024, 2023
- COB Teaching Effectiveness Committee, University of Tampa 2024, 2023, 2022, 2021
- Undergraduate Research Committee, University of Tampa 2022, 2021
- Informatics and Computer Science Faculty Search, Committee Member, Indiana University Kokomo 2019, 2018
- IU Science Symposium 2019, Committee Member, Indiana University Kokomo 2019
- IUK Science Fair, Task Force Member, Indiana University Kokomo 2018, 2017
- Math Faculty Search, Committee Member, Indiana University Kokomo 2018
- Computer Science Faculty Search, Committee Member, Indiana University Kokomo 2017
- Faculty Development and Grants, Committee Member, Indiana University Kokomo 2017
- Informatics Club, Advisor, Indiana University Kokomo 2019-2017
- Women of Technology Club, Advisor, Indiana University Kokomo 2019, 2018

## Student Involvement

- Advisor, Root@UT CTF club 2020-present
- Advisor, Crypto Student Club 2021-2022
- Advisor, IUK Informatics Club 2017-2020
- Advisor, IUK Women in Technology (WiTS) 2018-2020
- Coach, National Cyber League, IUK team 2018-2020

## PROFESSIONAL SERVICES AND MEMBERSHIP

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## **Funding and Award Review**

- NSF Review Panelist (Sep 2025)
- NSF Review Panelist (May 2025)
- Panelist, Journal of Computer Security Best ML Paper Award (2025)

## **Editorial Board and Conference Leadership**

- Youth Editorial Board, Cybersecurity (Springer)
- Editorial Board Member, Journal of Information Systems Education (JISE)
- Special Sessions Chair, Cognitive and Computational Aspects of Situation Management (CogSIMA 2026)
- AMCIS Mini-Track Co-Chair (AMCIS 2024, AMCIS 2025)

## **Committee**

- Program Committee, Silicon Valley Cybersecurity Conference (SVCC 2022)
- Program Committee, the IEEE Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA 2024, CogSIMA2022, CogSIMA2021, CogSIMA2020, CogSIMA 2019, CogSIMA 2018).
- Program Committee, the Special Issue on the NICE Framework of the Cybersecurity Skills Journal, 2020
- Panelist, National CyberWatch Center Curriculum Standards Panel for Information Security Fundamentals, 2019
- Program Committee, Women in Cybersecurity Conference (Wicys 2019).
- Program Committee, the International Conference on Software Security (ICSS 2019).
- Program Committee, the Tenth International Conference on Emerging Networks and Systems Intelligence (EMERGING 2018).
- Judge, ChinaViz Visual Analytics Challenges, 2018
- ACM Poster Judge, ACM Student Research Competition Graduate Finals, GHC, 2017
- Program Committee, The International Conference of Technology Innovation, Management and Entrepreneurship (TIME), 2017
- Session Chair, IEEE International Conference on Intelligence and Security Informatics (IEEE ISI), 2019
- Session Chair, IEEE International Conference on Intelligent Data and Security (IEEE IDS), 2015

## Community

- Speaker, “Unlocking AI: Meeting Analysts’ Dynamic Needs for Explainability in Cyber Defense”, Sunshine Cyber Conference 2024
- Training Workshop Organizer, BSide Tampa 2024
- Women in Cybersecurity (WiCys) year-long mentoring program, mentor, 2021

## Reviewer

- Information & Management (2024-present)
- Computers & Security (2018-present)
- Journal of Information Systems Education (2023-present)
- IEEE Transactions on Dependable and Secure Computing Journal (2016-present)
- IEEE Systems Journal (2018-present)
- Journal of Computer Security (2018-present)
- Organizational Behavior and Human Decision Processes, Elsevier
- Frontiers of Computer Science
- International Journal of Information Security
- Cybersecurity Journal, SpringerOpen
- ICIS 2025, 2024
- AMCIS 2025, 2024
- IJCNN 2024 Special Session: Computational Intelligence in Transactive Energy Management and Smart Energy Network (CITSEEN 2024)
- IEEE Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) (2015-present)
- IEEE International Conference on Multimedia and Expo (ICME 2019)
- EAI International Conference on Security and Privacy in Communication Networks (SecureComm) (2018, 2017)
- Information Discovery and Delivery Journal (2017-present)
- IET Information Security Journal (2017)
- Security and Safety Journal (ICST) (2017)
- The 12th IEEE International Conference On Big Data Science And Engineering (IEEE BigDataSE-18)
- International Conference on Computing, Networking and Communications (ICNC 2018, 2017)
- 10th International Conference On Education Technology And Computers (ICETC 2018)
- The 13th China International Conference on Information Security and Cryptology (INSCRYPT 2017)
- The 3rd International Workshop on Digital Crime and Forensics (IWDCF 2017)
- The 11th Chinese Conference on Trusted Computing and Information Security (CTCIS 2017)
- IEEE Performance Computing and Communications Conference (IPCCC 2017, IPCCC 2016)
- International Conference for Military Communications (MILCOM 2017)

- The 14th International Conference on Security and Cryptography (SECRYPT 2017)
- The 10th IEEE International Conference on Open Source Systems and Technologies (ICOSST 2016)

## **Membership**

- Association for Information Systems (AIS)
- Women in Cybersecurity (WiCyS)
- Membership of ACM Science of Security VO