

VITA

Dr. Kai S. Koong

EDUCATION

DOCTOR OF BUSINESS ADMINISTRATION, 1987

Institution : MISSISSIPPI STATE UNIVERSITY
Major : Business Information Systems and Quantitative Analysis
Minors : Finance and Marketing
Thesis : An Empirical Analysis of Computer-Based Information Usage Constructs for Decision Support in Small Business

MASTER OF BUSINESS ADMINISTRATION, 1983

Institution : UNIVERSITY OF CENTRAL MISSOURI
(FORMERLY CENTRAL MISSOURI STATE UNIVERSITY).

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION, 1981

Institution : UNIVERSITY OF CENTRAL MISSOURI
(FORMERLY CENTRAL MISSOURI STATE UNIVERSITY)
Major : Business Management
Minor : Finance

MISCELLANEOUS TRAINING AND CERTIFICATES:

Institution : Alabama Department of Human Resources
Type : Child Abuse Mandated Reporters Training – June 2022

Institution : Apple Corporation
Type : Apple Teacher – December 2020
Type : Apple Teacher Swift Playgrounds – December 2020

Institution : Council for Advancement and Support of Education
Type : Development (Fundraising) for Deans and Academic Leaders – November 2025

Institution : Collaborative Institutional Training Initiative
Type : COVID-19 Back to Campus – July 2020
Type : Social & Behavioral Research – August 2019

Institution : Johns Hopkins University
Type : COVID-19 Contact Tracing – July 2020

Institution : Grant Training Center (Arlington) held at Georgia Institute of Technology
Type: : Professional Grant Development (16 Hours) – November 2018

CAREER EXPERIENCES

DEAN AND TENURED PROFESSOR (Since 2017). TUSKEGEE UNIVERSITY. Andrew F. Brimmer College of Business and Information Science. Primary responsibilities include overseeing all academic and operational aspects of the College (AACSB International and ABET accredited undergraduate degree concentrations in accounting, business management, computer information systems, computer science, economics and finance, information technology, sales and marketing, and supply chain management as well as a master's program in information systems and security management with concentrations in data science and cybersecurity). Primary administrator over three academic departments heads, a Director of a designated National Center of Academic Excellence (CAE) in Cyber Defense, and a Director of a Center for Disadvantaged Business Enterprise (through 2020). Other duties included identifying institutional collaboration partners, providing service to the institution and the academy, general advising and mentoring of students and faculty, introducing faculty colleagues to academic networks, lecturing on special topics, conducting research for publication, leading the faculty in the preparation of documents for institutional compliances, recruiting faculty, students, and corporate stakeholders, managing budgets, writing grants, and fundraising. Selected major accomplishments in the recent five-year cycle:

- Led College successfully through two AACSB (2020 and 2023) and one ABET (2022) reaffirmation of accreditation.
- Guided College through reaffirmation of the NSA/DHS National Center of Academic Excellence in Cyber Defense (CAE) Designation as well as NSF Scholarship for Service Award (2023).
- Improved College grantsmanship – grants awarded are over \$10 million this cycle. Active grants – \$8.3 Million. Personally involved as PI or Co-PI of over \$3.6 million in grants and gifts.
- Increased College corporate giving to over \$1 million (scholarships and infrastructure support).
- Recruited a highly engaged Advisory Board of over 30 corporate executives (a 300 percent increase) from diverse backgrounds (including three corporate executives with PhDs and a DBA).
- Initiated and signed MOUs and partnerships with feeder institutions, corporations, organizations, and governmental agencies.
- Set up a College-Wide Executive-Student Mentoring Program (30 participants a year average).
- Attained an Apple Center and initiated Swift Programming activities for the University (PI of Award).
- Provided vision and solicited corporate funding for a Supply Chain Management Lab for the College. Students began taking ISM certifications in Fall 2024 and have been successful.
- Partnered with funding corporation to introduce cloud-computing technology into the sales and marketing curriculum as well as computer science degree program.
- Streamlined and aligned curriculum (removed redundancies and closed revenue losing programs) to comply with AAHEB, AACSB, ABET and SACSCOC requirements. New graduate programs have been added in data science and cybersecurity.
- Started or co-restarted two grant funded multi-year summer academies (PREFICES and ITEST). PI or Co-PI of grants.
- Selected as one of ten institutions to host a NSF JROTC Cyber Academy in 2022. I was the PI.
- Started a Minority Wealth Management Program using a corporate grant. I was the PI.
- Involved in one AACSB PRT visit every other year. Attended onsite AACSB Deans Meeting and ICAM Conferences since 2018. I was session panelist at 2024 International AACSB ICAM Conference in Atlanta, GA. Attended all onsite NSA/DHS National CAE Annual Meetings since 2018.
- Started a Biannual Fireside Chat with Corporate Partners in 2022.
- Infused and integrated AI into the CBIS curriculum (new CS courses using IBM AI modules).

- Instituted the College of Business and Information Science Hall of Fame for Outstanding Contributors in January 2025.
- Attained an Innovation Center (Smart Technologies) with funding from Amazon in January 2025
- Received first gift of property (2 Florida residences) from a CBIS donor to Tuskegee University.
- Coached and supported faculty and student teams who won:
 - Society of Financial Education and Professional Development Top Performing Ambassador Award for four consecutive years for impactful accomplishment in 2022 through 2025. Ambassadors attained Runners-up award in 2023 and 2025 in the National Financial Literacy Bowl and First Place in 2024.
 - Apple Apps Competition 2024 and received a \$100,000 Apple Lab.
 - Jesse Hill Championship Award and \$15,000 at the HBCU/MI Entrepreneurship and Innovation Annual Business Plan Competition in 2024.
- In Year 2025 and beyond:
 - Admitted first cohort of Data Science undergraduate students in Fall 2025
 - Attained approval for a doctoral degree in computer information systems and first cohort of all U.S. students has been admitted for Spring 2026. First degree at Tuskegee University where students can matriculated from an undergraduate to a terminal degree.
 - Proposing Master of Business Administration in Artificial Intelligence for the Tuskegee University Global Initiative. Expected first cohort in Fall 2026.
 - College of Business and Information Science Recognized in the 2026 Best Business Degree Programs Ranking in Alabama – Research.com on December 4, 2025

DISTINGUISHED PROFESSOR AND FOREIGN EXPERT (Fall 2015 to July 2017). XIDIAN UNIVERSITY. School of Economics and Management. Primary responsibilities included mentoring of junior faculty and students in the development of publishable research, identifying global institutional collaboration partners, establishing Memorandum of Understandings with foreign universities (Loyola University of New Orleans and The University of Texas of the Permian Basin, negotiating and drafting of Articulation Agreements with institutions abroad, advising and assisting administration with the formulation and implementation of delivery processes from bilateral agreements with entities overseas, assessing and providing continuous improvement counsel to faculty teaching bi-lingual courses, delivering a series of requisite lectures, seminars and workshops for initial accreditation preparation and for excellence in the areas of research, teaching and service to the institution and the academy. Other duties included general advising of students and faculty, introducing faculty colleagues to academic networks, conducting research for publication, participating in “Big Data” projects associated with major grants received, serving as a peer judge for competitive activities, designing promotional materials for faculty and institutional recruitment, participating as a foreign expert in public relations events, and preparing documents for institutional compliances.

DEPARTMENT CHAIRMAN (September 2007 through September 2014) and **PROFESSOR** (Tenured – Fall 2006 to August 2015). UNIVERSITY OF TEXAS - PAN AMERICAN (Currently Rio Grande Valley). College of Business Administration, Computer Information Systems and Quantitative Methods Department. Principal administrator of academic unit responsible for promoting and enhancing academic excellence, formulating and implementing program strategies, networking and communicating with stakeholders, and identifying and retaining strategic alliances. Program achievements included receiving the Year 2010 National AITP First Place Award in Network Design and Year 2013 National AITP Third Place in Microsoft Office Solutions, and 2010 and 2013 Regional AITP Third Place Award in Computer Security. Other duties included advising students, conducting research for publication, developing new curricula, mentoring students, preparing documentation for institutional and governmental reporting, writing grants, generating news releases, serving on university committees, financial budgeting, public relations, personnel and course scheduling, recruiting of students, faculty and corporate partners,

maintaining departmental databases, articulating program arrangements with external constituents, and preparing documents for accreditation and institutional compliances. I taught doctoral seminars in IT Research Methods, IS Theories, and Global Information Technologies (all levels), enterprise resources planning, health information technology, and internships.

DIRECTOR OF MBA PROGRAM (January through October 2007) and **PROFESSOR** (Tenured – Fall 2006). UNIVERSITY OF TEXAS - PAN AMERICAN (Currently Rio Grande Valley), College of Business Administration. Principal administrator of academic unit responsible for promoting and enhancing academic excellence, formulating and implementing program strategies, networking and communicating with stakeholders, identifying and retaining strategic alliances, and managing the GMAT Tutoring Blended Learning Workshops for prospective student recruits. Program achievements included receiving the Year 2007 National NSHMBA Brillante Award of Educational Excellence and having the program listed as a leading and prestigious MBA Program in the *Peterson Guide*, *The Princeton Review*, *US News and World Report*, and *Business Week*. Other duties included advising students, conducting research for publication, developing new curricula, mentoring students, preparing documentation for institutional and governmental reporting, writing grants, generating news releases, serving on university committees, financial budgeting, public relations, personnel and course scheduling, recruiting of students, faculty and corporate partners, maintaining departmental databases, articulating program arrangements with external constituents, and preparing documents for accreditation and institutional compliances. Developed and taught Global Information Systems (undergraduate) and IT Research Methods (Doctoral level).

ASSOCIATE PROFESSOR (2002 to 2006). UNIVERSITY OF TEXAS - PAN AMERICAN (Currently Rio Grande Valley). Department of Computer Information Systems & Quantitative Methods, College of Business Administration. Was one of six Founding Fellows of the Center of Information Technology and Computing that was funded by a \$1.7 million United States Department of Education Grant. Served as Associate Director of Economic Development for this Center from February 2003 to September 2005. Was Chair of the Information Technology Summit that was hosted in collaboration with the Office of Congressman Ruben Hinojosa in May 2004 and Chair of the Web-based Entrepreneurship Competition in July 2005. Responsible for conceptualizing the Regional Summit and Competition, articulating the vision for an information technology corridor, marketing, promoting and recruiting stakeholders, fund raising (cash and kind), and implementing follow-up initiatives. Articulated Agreement of Collaboration between UTPA and Ningbo University of Technology signed in April 2006. Taught courses in Information Resources Management, Information Systems Concepts, Management Information Systems, Project Management and Doctoral Seminar in Global Information Technology Management. Other duties include advising student, serving on department, college and university committees, developing and coordinating course curricula, documenting research efforts for accreditation, developing grant requests, and directing student research.

DIRECTOR and PROFESSOR (1999 to 2002). SOUTHERN UNIVERSITY AT NEW ORLEANS. Graduate Studies Program in Computer Information Systems. Principal administrator of academic unit responsible for promoting and enhancing academic excellence, formulating and implementing program strategies, networking and communicating with stakeholders, and identifying and retaining strategic alliances. Other duties included advising students, conducting research for publication, developing new curricula, mentoring students, preparing documentation for institutional and governmental reporting, writing grants, generating press releases, serving on university committees, financial budgeting, public relations, personnel and course scheduling, recruiting of students, faculty, Advisory Board members, and corporate partners, maintaining departmental databases, articulating program arrangements with external constituents, preparing documents for accreditation, and managing the delivery of semi-annual information technology forums. Taught graduate level courses in Information Systems Concepts,

Computer Organization, and Information Technology Management. Directed internships and graduate research projects.

FOUNDING DEAN and PROFESSOR OF COMPUTER SCIENCE/INFORMATION SYSTEMS (1998 to 1999). DAKOTA STATE UNIVERSITY. The South Dakota Center of Excellence in Computer Information Systems (CECIS). Chief operating officer of an administrative unit responsible for identifying, developing, implementing, and monitoring initiatives that promote academic excellence as envisioned by Governor Janklow. Other duties included advising students, conducting research for publication, developing new curricula and mentoring students with exceptional scholastic abilities, preparing documentation for institutional and governmental reporting, writing grants, generating press releases, serving on university committees, financial budgeting, public relations, recruiting of students, faculty, Advisory Board members, and corporate partners, designing the web site, maintaining the CECIS database, articulating program arrangements with external constituents (including entities abroad), preparing documents for accreditation, and managing the delivery of quarterly technical seminars and the annual symposium and exposition. Taught Advanced Database Concepts and Information Systems Planning. Directed internships and thesis.

ASSOCIATE PROFESSOR AND PROJECT ASSISTANT OF THE USDA-BISNET PROJECT (1996 to 1998). KENTUCKY STATE UNIVERSITY. School of Business. As Project Assistant, was responsible for scheduling and conducting workshops and managing the computer resources for the USDA BISNET Grant Program. Taught Application Software, Database Management Systems, Macroeconomics, Management Information Systems, and Production/Operations Management. Other duties included advising students, conducting research for publication, developing new curricula and strategic plan for a major and a minor degree program in information technology management, preparing documentation for re-accreditation, serving as lead information systems faculty and on faculty committees, training and assisting department faculty to integrate distance delivery systems and minority information retrieval databases for instruction, research and administration, and writing grants.

ASSOCIATE PROFESSOR (1995 to 1996). MOUNT OLIVE COLLEGE. Department of Business. Managed a staff of two other faculty volunteers and six interns (students) for a proposed Center; developed tactical and strategic plans, developed sample programs, and promotional material; recruited business partners; supervised construction and maintenance of Web-based, multimedia, and interactive software presentations; and trained support staff. Taught Data Communications and Networks, Visual Database Design, Information Systems Concepts, Money and Banking, Organizational Behavior, and supervised Systems Projects. Other academic duties included advising student organizations, chairing and serving on faculty committees, and developing new course curricula.

ASSISTANT PROFESSOR (1987 to 1994). VIRGINIA COMMONWEALTH UNIVERSITY. School of Business, Department of Information Systems. Taught Application Software, Management Information Systems, Operating Systems and Architecture, Programming Languages, Systems Analysis and Design using CASE technology, and Telecommunications. Other duties included advising student organizations, assessing performances of teaching and research assistants, chairing and serving on faculty committees, developing and coordinating course curricula, documenting department-wide research efforts for accreditation, developing grant requests, directing and soliciting funds for student research and scholarship, and recruiting support personnel.

GRADUATE TEACHING ASSISTANT AND ADJUNCT FACULTY (1983 to 1986). MISSISSIPPI STATE UNIVERSITY. College of Business and Industry, Department of Business Information Systems and Quantitative Analysis. Taught Information Systems Concepts. Developed the first two UNIVAC 1100 end-user application mimeographs for the College, supervised and scheduled assignments for ten lab assistants involved with the operation of the data processing lab; set tests, video quizzes, and

programming assignments for mass sections; and train new faculty and graduate assistants. Also taught Principles of Finance and International Business part-time at the Meridian campus.

GRADUATE ASSISTANT (1981 to 1983). CENTRAL MISSOURI STATE UNIVERSITY (Currently University of Central Missouri), School of Business and Economics, Department of Computer Information Systems. Responsible for the weekend operations of the Remote Job Entry. Assisted students with ASSEMBLER, COBOL, RPG, SAS, SAMOS, and U BASIC. Also taught Mathematics for Business Analysis for the Department of Economics and Finance.

OTHERS: INTERCULTURAL RESOURCE CONSULTANT. 2006 and 2007. Prudential Global Workforce Development, Scottsdale, AZ. Conducted relocation training on Chinese business practices.

PEER REFEREED PUBLICATIONS

JOURNALS: NOTES ABOUT STUDENT CO-AUTHORS: [] Undergraduate [] Masters [] Doctoral

82. Qin, Hong, Kai S. Koong, and Zhaojun Yang (2023). "Publication Patterns of Business Analytics Faculty: Toward a Well-Founded Assessment of Productivity." *International Journal of Business and Systems Research*. Vol. 17, No. 6, pp. 622-635. Available online. <http://doi.org/10.1504/IJBSR.2023.134479>.
81. Bai, Shuming, Kai S. Koong, and Yanni Wang (2023). "Research and Development Reporting and Stock Performance: Evidence from China." *International Journal of Accounting & Information Management*, Vol. 31, No. 2, pp. 300-320. Available online. <http://doi.org/10.1108/IJAIM-08-2022-0171>.
80. Qin, Hong, Kai S. Koong, Haoyu Wen, and Lai C. Liu (2022). "Mapping Business Analytics Skillsets with Industries: Empirical Evidence from Online Job Advertisements." *Journal of Business Analytics*. Vol. 6, No. 3, pp. 167-179. Available as Online First. <https://doi.org/10.1080/2573234X.2022.2136541>.
79. Zhu, Wenlong, Jian Mou and Kai S. Koong (2021). "Exploring Brand Extension Evaluation in the Mobile Internet Environment." *International Journal of Mobile Communications*, Vol. 19, No. 3, pp. 327-344.
78. Jay Bhuyan, Fan Wu, Cassandra Thomas, Kai S. Koong, Jung Won Hur and Chih-Hsuan Wang (2020). "Aerial Drone: An Effective Tool to Teach Information Technology and Cybersecurity through Project Based Learning to Minority High School Students in the U.S." *TechTrends*. Vol. 64, pp. 899-910. Available as Online First. <http://link.springer.com/article/10.1007/s11528-020-00502-7>.
77. Bai, Shuming, Kai S. Koong and Fan Wu (2020). "Trends and Dynamic Relations between Crude Oil Prices and Energy Employment: A Panel Analysis Approach." *International Journal of Oil, Gas and Coal Technology*, Vol. 25, No. 2, pp. 218-235.
76. Bai, Shuming, Kai S. Koong, Fan Wu, and Jay Bhuyan (2019). "Adoption of E-filing: The US Journey." *International Journal of Revenue Management*, Vol. 11, No. 1/2, pp. 1-22.

75. Koong, Kai S., Shuming Bai, Tejinder Sara and Charlotte Morris (2019). "Advancements and Forecasts of Electronic Tax Return and Informational Filings in the US," *International Journal of Accounting & Information Management*, Vol. 27, No. 2, pp. 352-371.
74. Huang, Lijuan, Jian Mou, Kai S. Koong and Yueping Du (2019). "An Investigation of Perceived Value Dimensions: Implications for Mobile Marketing Research," *International Journal of Mobile Communications*, Vol. 17, No. 6, pp. 641-681.
73. Bai, Shuming, and Kai S. Koong (2018). "Oil Prices, Stock Returns, and Exchange Rates: Empirical Evidence from China and the United States," *North American Journal of Economics and Finance*, Vol. 44, pp. 12-33.
72. Wang, Yanni, Rong Du, Kai S. Koong and Weiguo Fan (2017). "Effects of R&D Policy Choice on Accounting Performance and Market Value," *R&D Management*, Vol. 47, No. 4, pp. 545-556. RADM 12225.
71. Koong, Kai S., Lai C. Liu, Hong Qin, and Tingting Ying (2017). "Occurrences of Online Fraud Complaints: 2002 through 2015," *International Journal of Accounting & Information Management*, Vol. 25, No. 4, pp. 484-504.
70. Bai, Shuming and Kai S. Koong (2017). "Financial and Other Online Frauds in the United States: A Panel Analysis Approach," *International Journal of Accounting & Information Management*, Vol. 25, Vol. 4, pp. 413-433.
69. Wang Anming, Shiheng Guan, Kai S. Koong, and Luke Y. Koong (2016). "An M/M/1 and M/M/2 Queueing Solution to Improve Virtual Scheduling in Healthcare," *International Journal of Electronic Healthcare*, Vol. 9, No. 1, pp. 42-59.
68. Merhi, Mohammad and Kai S. Koong (2016). "E-government Effectiveness: A Rocket Model of Contributing User-related Factors," *International Journal of Services and Standards*, Vol. 11, No. 1, pp. 1-19.
67. Wen, Haoyu, Minghui Duan and Kai S. Koong (2016). "Factors affecting Continuity in the Peer-to-Peer Lending Industry," *International Journal of Mobile Communications*, Vol. 14, No. 4, pp. 348-370.
66. Wen, Haoyu, Kai S. Koong and Lai C. Liu (2015). "Some Observations on the United States E-commerce Trade Statistics," *International Journal of Services and Standards*, Vol. 10, No. 3, pp. 168-171.
65. Dai, Hua, Vishal Midha, and Kai S. Koong (2014). "Consequents of Functional and Technical Quality: Evidence from Electronic and Mobile Service Industry in China," *International Journal of Mobile Communications*, Vol. 12, No. 5, pp. 477-495.
64. Ahluwalia, Punit, Upkar Varshney, Kai S. Koong and June Wei (2014). "Ubiquitous, Mobile, Pervasive and Wireless Information Systems: Current Research and Future Directions," *International Journal of Mobile Communications*, Vol. 12, No. 2, pp. 103-141.
63. Bai, Shuming, Kai S. Koong, and Jason Chen Chou-Hong (2013). "Gender Earnings Disparity in the U.S. Financial Sector: 2000-2012," *International Journal of Revenue Management*, Vol. 7, No. 3/4, pp. 244-267.

62. Koong, Kai S., **Mohammad Merhi**, and Jun Sun (2013). "Push and Pull Effects of Homeland Information Security Incentives," *Information Management and Computer Security*, Vol. 21, No. 3, pp. 155-176.
61. **Wang, Yin**, Kai S. Koong, and Jun Sun (2013). "E-Learning Tools for Andragogy: A Scale Model of Technology-Based Active Learning," *International Journal of Services and Standards*, Vol. 8, No. 3, pp. 214-229.
60. Zhuo, Jun, June Wei, Lai C. Liu, Kai S. Koong, and Shengtao, Miao (2013). "An Examination of the Determinants of Service Quality in the Chinese Express Industry," *Electronic Markets*, Vol. 23, No. 2, pp. 163-172.
59. Yang, Zhaojun, Jun Zhou, Hong Qin, and Kai S. Koong (2013). "Quantitative Analysis of Global Software Piracy: 2003 through 2010," *International Journal of Business and Systems Research*, Vol. 7, No. 1, pp. 81-100.
58. **Merhi, Mohammed** and Kai S. Koong (2013). "E-Government Effectiveness: Assessment of Contributing Government's ICT Usage Factors," *International Journal of Business and Systems Research*, Vol. 7, No. 1, pp. 1-24.
57. Qin, Hong, Kai S. Koong, Zhaojun Yang, and Jun Zhou (2012). "Expenditures on Consumer Protection and Business Competition," *International Journal of Mobile Communications*, Vol. 10, No. 6, pp. 559-577.
56. **Yunis, Manal M.**, Kai S. Koong, Lai C. Liu, Reggie Kwan, and Philip Tsang (2012). "ICT Maturity as a Driver to Global Competitiveness: A cross-country Level Analysis," *International Journal of Accounting & Information Management*, Vol. 20, No. 3, pp. 255-281.
55. Koong, Kai S., **Madison N. Ngafeeson**, and Lai C. Liu (2012). "Meaningful Use and Meaningful Curricula: A Survey of Health Informatics Programs in the United States," *International Journal of Electronic Healthcare*, Vol. 7, No. 1, pp. 1-18.
54. Koong, Kai S., **Javier Flores**, Jun Sun and Lai C. Liu (2011). "Health Information Technology Performance Measures: A Lifecycle Analysis," *International Journal of Services and Standards*, Vol. 7, No. 3/4, pp. 181-196.
53. Bai, Shuming, Kai S. Koong and Jack D. Ladd (2011). "Salary Trends of Finance Faculty: Evidence from AACSB: 2000 through 2009," *International Journal of Revenue Management*, Vol. 5, No. 4, pp. 325-349.
52. Sun, Jun, Punit Ahluwalia, and Kai S. Koong (2011). "The More Secure the Better? A Study of Information Security Readiness," *Industrial Management & Data Systems*, Vol. 111, No. 4, pp. 570-588.
51. Andoh-Baidoo, Francis Kofi, Marco A. Villarreal, Kai S. Koong, **Hector Cornejo**, **Nils Schmidt**, **Homer Colunga**, and **Ruben Mesa** (2011). "Key Competencies for Global Project Managers: A Study of the United Kingdom and India," *International Journal of Business and Systems Research*, Vol. 5, No. 3, pp. 223-243.
50. Wei, June, Lai C. Liu, Kai S. Koong, and **Yi Li** (2011). "A Risk Assessment Model for Information Security," *International Journal of Business and Systems Research*, Vol. 5, No. 2, pp. 158-171.

49. Koh, Jaehan, Bin Wang, Lai C. Liu, and Kai S. Koong (2010). "Asymmetric Response, Risk Seeking and Internet Bubbles," *International Journal of Electronic Finance*, Vol. 4, No. 4, pp. 323-342.
48. Casassus, Faustine, June Wei, Lai C. Liu, and Kai S. Koong (2010). "E-Business Solutions for Movie Production Enterprises," *International Journal of Management & Enterprise Development*, Vol. 8, No. 3, pp. 278-295.
47. Chen, Xiaoying, Ping Lin, and Kai S. Koong (2009). "Detecting earnings management based on the quality of total accruals," *International Journal of Services and Standards*, Vol. 5, No. 3, pp. 214-235.
46. Pena, Maria, Carlos Aguirre, Ivonne Saenz, Kai S. Koong and Lai C. Liu (2009). "A Study of the Information Technology Trade between the United States and the Dominican Republic-Central America Free Trade Agreement Nations," *Journal of Information Systems Applied Research*, Vol. 2, No. 8. Available online at <http://jisar.org/2/8/>.
45. Yunis, Manal M. and Kai S. Koong (2009). "Development and Assessment of ICT Maturity and Global Competitiveness using a Two-Wheel Causality Model," *International Journal of Services and Standards*, Vol. 5, No. 2, pp. 135-159.
44. Sun, Jun, Kai S. Koong and Marshall S. Poole (2009). "Critical Success Factors for Context-Aware Mobile Communication Systems," *International Journal of Mobile Communications*, Vol. 7, No. 3, pp. 290-307.
43. Sun, Jun, Lai C. Liu and Kai S. Koong (2009). "Web Disclosures of Substandard Mobile Learning Programs and Institutions," *International Journal of Mobile Learning and Organizations-Special Issue*, Vol. 3, No. 3, pp. 258-274.
42. Wang, Bin, Lai C. Liu, Kai S. Koong and Shuming Bai (2009). "Effects of Daily and 'Woot-off' Strategies on E-commerce," *Industrial Management & Data Systems*, Vol. 109, No. 3, pp. 389-403.
41. Bai, Shuming, Kai S. Koong, Lai C. Liu and Binshan Lin (2008). "The Informational Efficiency of the Black and Official Exchange Markets of DR-CAFTA Nations," *International Journal of Electronic Finance*, Vol. 2, No. 3, pp. 330-347.
40. Bai, Shuming, Kai S. Koong, Lai C. Liu and Bin Wang (2008). "Predictability of the Black and Official Exchange Rates of NAFTA Partners," *International Journal of Sustainable Economy*, Vol. 1, No. 1, pp. 70-84.
39. Omar, Adnan, Lai C. Liu and Kai S. Koong (2008). "From Disaster Recovery to Mobile Learning: A Case Study," *International Journal of Mobile Learning and Organizations-Special Issue on Assessment of Mobile Learning Technologies and Delivery Techniques*, Vol. 2, No. 1, pp. 4-17.
38. Tanguma, Jesus, Lai C. Liu, and Kai S. Koong (2008). "Hybrid Learning and Effects on Student Assessment Outcomes," *International Journal of Mobile Learning and Organization-Special Issue on Assessment of Mobile Learning Technologies and Delivery Techniques*, Vol. 2, No. 1, pp. 36-47.
37. Koong, Kai S., Shuming Bai and Lai C. Liu (2008). "Advancements in E-Filing Practices," *International Journal of Electronic Finance*, Vol. 2, No. 2, pp. 211-226.

36. Koong, Kai S., Lai C. Liu, **Shuming Bai** and June Wei (2008). "Occurrences of Internet Fraud in the USA," *International Journal of Services and Standards*, Vol. 4, No. 1, pp. 33-53.
35. Koong, Kai S., Lai C. Liu, **Shuming Bai** and Binshan Lin (2008). "Identity Theft in the USA: Evidence from 2002 to 2006," *International Journal of Mobile Communications*, Vol. 6, No. 2, pp. 199-216.
34. **Kesthong, Walaipan**, June Wei, Lai C. Liu, and Kai S. Koong (May 2007). "Standardization of Internet Retail E-business Solutions," *Information Systems Education Journal*, Vol. 5, Is. 15. Available online at <http://isedj.org/5/15/>.
33. Wei, June, **Walaipan Kesthong**, Lai C. Liu, and Kai S. Koong (2007). "Development of an Internet Retail Value Chain Model for Electronic Business," *International Journal of Manufacturing Technology and Management-Special Issue on Value Chain Management*, Vol. 12, No. 4, pp. 360-383.
32. Tsang, Philip M., Paul Kwok, S. O. Choy, Reggie C. Kwan, S. C. Ng., Jacky Mak, Jonathan C. Tsang, Kai S. Koong and Tak-Lam Wong (2007). "Design and Implementation of NN5 for Hong Kong Stock Price Forecasting," *Engineering Applications of Artificial Intelligence*, Vol. 20, pp. 453-461.
31. Koong, Kai S., Lai C. Liu, and **Yongjian Wang** (2007). "Taxonomy Development and Assessment of Global Information Technology Outsourcing Decisions," *Industrial Management & Data Systems*, Vol. 107, No. 3, pp. 397-414.
30. Zhou, Haiyan, Kai S. Koong, and Yan Xiong (2007). "Accounting Standards and Quality of Earnings Information: Evidences from an Emerging Economy," *International Journal of Electronic Finance*, Vol. 1, No. 3, pp. 355-372.
29. Liu, Lai C., Kai S. Koong, and Binshan Lin (2006). "A Quality Assessment of Research Hospitals' Websites," *International Journal of Electronic Business Management –Special Issue on Web-based Information Quality*, Vol. 4, No. 1, pp. 1-7.
28. Zhou, Haiyan, and Kai S. Koong (2006). "Earnings Management through Discretionary Accruals: Evidence from COMPUSTAT," *International Journal of Services and Standards*, Vol. 2, No. 2, pp. 190-202.
27. Lin, Ping, Lai C. Liu, and Kai S. Koong (2006). "Performance Assessment of Functional Managers in the High Technology Sector," *International Journal of Services and Standards*, Vol. 2, No. 1, pp. 32-51.
26. Koong, Kai S. and Lai C. Li (February 2006)u. "A Study of Course Management Software Features," *Information Systems Education Journal*, Vol. 4, No. 3. Available online at <http://isedj.org/4/3/>.
25. Koong, Kai S., Lai C. Liu, and **Mingying Zeng** (2006). "A Two-Dimensional Assessment of Selected Medical Websites," *International Journal of Electronic Healthcare*, Vol. 2, No. 1, pp. 35-49.

24. Wei, June, Lai C. Liu, and Kai S. Koong (2006). "An Onion Ring Framework for Developing and Assessing Mobile Commerce Security," *International Journal of Mobile Communications*, Vol. 4, No. 2, pp. 128-142.
23. Liu, Lai C., Kai S. Koong, and Deleese Williams (2006). "Some Observations on Knowledge Management Software Product Development," *International Journal of Innovation and Learning*, Vol. 3, No. 1, pp. 1-15.
22. Liu, Lai C., Kai S. Koong, and Sunaina Chugani (2005). "Department of Education Community Technology Center Grant Allocations," *Electronic Government: An International Journal*, Vol. 2, No. 3, pp. 305-317.
21. Koong, Kai S., Luke Y. Koong, Lai C. Liu, and Mary Yu (2005). "An Examination of Selected Drug Availability at Online Pharmacies," *International Journal of Electronic Healthcare*, Vol. 1, No. 3, pp. 291-302.
20. Koong, Kai S., Lai C. Liu, and Peter Mok (Fall 2004). "Corporate Compliances with the Information Certification Provision of the Sarbanes-Oxley Act," *International Journal of Services and Standards*, Vol. 1, No. 2, pp. 243-254.
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MISCELLANEOUS PUBLICATIONS AND PRESENTATIONS

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- Bai, Shuming and Kai S. Koong. (March 2024). "The Impact of U.S. LNG Exports on Global Low-Carbon Energy Markets," Southwestern Finance Association Annual Meeting, Las Vegas, Nevada.
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GRANTS AND MAJOR GIFTS ACQUIRED

COMPETITIVE GRANTS (GOVERNMENT):

A. AS PRINCIPAL INVESTIGATOR:

- Koong, Kai S. (PI) and Fan Wu (Co-PI). "JROTC Cyber Academy Pilot Program." Amount: \$171,091. Duration: Summer 2022. National Science Foundation (Sub-contract from Whatcom Community College).
- Koong, Kai S. (PI), Fan Wu (Co-PI), and Jay Bhuyan (Co-PI). "Minimizing Health Disparity Using Demographics, Gaming, and Machine Learning in the Alabama Black Belt Region." Total \$95,000. TU CBR/RCMI. Exploration Grant: \$20,000 (April – June 2018). Pilot Grant: \$40,000 (January – June 2019). Phase I: \$35,000 (Summer 2020 to June 2022). National Institute of Health No. U54MD007585.
- Koong, Kai S. (PI) and Lai C. Liu (Co-PI). "E-Commerce Leadership Enhancement," Board of Regents Louisiana Education Quality Support Fund (LEQSF 2000-01-ENH-TR-73). \$60,000. 2000.

B. AS CO-PRINCIPAL INVESTIGATOR:

- Bhuyan, Jay (PI), Kai S. Koong (Co-PI), Fan Wu (Co-PI), Cassandra Thomas (Co-PI), and Li Jiang (Co-PI). "Partnership to Provide Technology and Cyber-security Experiences to Alabama Black Belt through Mobile Application Development." National Science Foundation. Duration May 2021 to April 2025. Amount: \$999,995.
- Bhuyan, Jay (PI), Kai S. Koong (Co-PI), and Fan Wu (Co-PI). "A Machine Learning Framework for Intrusion Detection based on System Events." NCAE-C Cyber Curriculum and Research 2020 Program – Part 2. National Security Agency. Duration: September 2020 to August 2022. Amount: \$297,766.

Chang, Xiao (PI), Kai S. Koong (Co-PI), Fan Wu (Co-PI), Jay Bhuyan (Co-PI), and Cassandra Thomas (Co-PI). “S-STEM: Improving Minority Student Retention Rate and Success in Computer Science.” National Science Foundation. Duration: October 1, 2022 to September 30, 2028. Amount: \$1,499,963.

Chang, Xiao (PI), Kai S. Koong (Co-PI), Fan Wu (Co-PI), Jay Bhuyan (Co-PI), and Li Jiang (Co-PI). “Targeted Infusion Project: Infusing deep learning into the undergraduate computer science and engineering curricula,” National Science Foundation. Amount \$399,997, Duration August 2023 to July 2026.

Wu, Fan (PI), Kai S. Koong (Co-PI), Jay Bhuyan (Co-PI), Cassandra Thomas (Co-PI) and Xiao Chang (Co-PI). “Collaborative Research: SaTC: EDU: Collaborative: ALAMOSE: Authentic Learning Modules for DevOps Security Education.” National Science Foundation. Duration 2022 to September 2025. Amount: \$119,996.

Wu, Fan (PI), Kai S. Koong (Co-PI), Cassandra Thomas (Co-PI), and Jay N. Bhuyan (Co-PI). “Authentic Learning of Machine Language in Cybersecurity with Portable Hands-on Labware.” National Science Foundation. Duration: August 2021 to July 2024. Amount: \$119,982.

C. OTHERS:

Chu, Yul (PI), Sokyoung Ahn (Co-PI), Mark Cunningham (Co-PI), Sanjeev Kumar (Co-PI), Jasang Yoon (Co-PI), Nikolaos Dimakis (Senior Personnel), Miguel A. Gonzalez (Senior Personnel), Kai S. Koong (Senior Personnel), and JaeSok Son (Senior Personnel). (2010). “MRI: Acquisition of a PC Cluster, High Performance Pan American Cluster (HiPAC), National Science Foundation Solicitation No. 10-529 and NSF Proposal Number 1040430. \$503,843

CORPORATE GRANTS:

Koong, Kai S. (PI) and Fan Wu (Co-PI). “Increasing Student Talent Pipeline Using PREFICS Summer Program,” Thurgood Marshall College Fund-Lockheed Martin, Duration: 2025. Awarded January 2025. Amount \$100,000.

Koong, Kai S. (PI). “Financial Literacy for Minority Wealth Management,” Procter and Gamble. Duration 2023. Awarded January 2023. Amount \$20,000.

Koong, Kai S. (PI) and Fan Wu (Co-PI). “Using PREFICS Summer Program to Enhance Computer Science Talent Pipelines.” Lockheed Martin. Duration Summer 2023. Awarded October 2022. Amount \$50,000.

Koong, Kai S. (PI), Fan Wu (Co-PI), Cassandra Thomas (Co-PI), Yasmeen Rawajfih (Co-PI), and Xiao Chang. “HBCU C2 Alliance.” Apple Corporation. Duration from Fall 2020 and ongoing. Total cash and kind \$110,000 (Sub-contract from Tennessee State University).

McNair, Lily (PI), Heshmat Aglan (Co-PI), Kai S. Koong (Co-PI), Ben Oni (Co-PI), and Fan Wu (Co-PI). “Microsoft Scholarships and Educational Infrastructure Support, Microsoft Corporation, Amount \$200,000. 2022.

Zebal, Mohammed, (PI), Rahman Mohammad (Co-PI), Kai S. Koong (Co-PI), Fan Wu (Co-PI), and Jack Crumbly (Co-PI). "Education Development with College of Business and Information Science at Tuskegee University." Duration September 2021 to August 2022. Intel Corporation. Amount \$200,000.

Koong, Kai (PI) and S. Price (Co-PI). Software and Student Activities. KPMG. Amount \$12,000. 2022.

Koong, Kai (PI) and S. Price (Co-PI). CBIS Lab. PWC. Amount \$15,000. 2022

Koong, Kai S. (PI) and Lai C. Liu (Co-PI). "Information Technology Enhancement Initiative," Saint-Gobain Corporation Foundation, PA. Total \$11,559. (2013-\$2,500, 2012-\$1,750, 2011-\$1,700, 2010-\$1,710, 2009-\$1,720, 2007-\$1,250 and 2005-\$929, respectively)

Koong, Kai S. (PI). "Health Information Technology Workshops." Valley Baptist Hospital, Harlingen, TX. \$39,000. 2011.

Koong, Kai S. (PI). "Region 18 Student Research Paper Competition," Data Processing Management Association, Richmond Chapter, VA. \$2,000. 1989.

INTERNAL GRANTS:

Koong, Kai S., **Andrea R. Diaz** and **Catalina R. Cantu**. (Spring 2014). "Critical Skills Required of Health Information Technology Professionals," Undergraduate Research Initiative Grant, University of Texas-Pan American. Amount: \$2,000. Spring 2014.

Lai, C. Liu, Jun Sun, Francis Andoh-Baidoo and Kai S. Koong. "Enhancing the CIS Curriculum at UTPA Using ERP-SAP," Faculty Development Council Grant, University of Texas-Pan American. Amount. \$3,000. Fall 2012.

Koong, Kai S. "Providing Computing and Information Technology Expertise to Enhance the Economic Development of Southern Texas." (USDOE-FIPSE-UTPA-CITEC. Approximate Summer support: \$5000 Summer 2002, \$20,000 Summer 2003, \$20,000 Summer 2004 and \$10,000 Summer 2005; Graduate Assistantship: \$5000; Operating Expenses for ITS 2004: \$30,000; Operating Expenses for WEC 2005: \$1,000).

GIFTS:

Carl E. Davis. Two Florida Properties. Value – TBA. Fall 2025.

Carl E. Davis Book Scholarship. Continuous \$4000. 2018 through 2024.

Dawn Foods Scholarship. \$10,000. September 2024 and Fall 2026.

Dentsply Sirona. CBIS Scholarships. Amount \$30,000. 2023 and 2022.

Dr. Isaac Jamison Scholarships. \$12,000. 2024 and 2025.

Dr. Lisa Williams SCM Scholarship. Continuous \$12,000. 2022 to 2023.

Ensign-Bickford Industries, Inc. General. \$10,000. December 2024.

Lockheed Martin. Student Organizations. \$7,500. November 2024.

United States Steel. SCM Scholarship. \$20,000. 2022.

The Lee Family, McAllen, Texas. Enhancement Support. \$1,200. 2012.

Tyson Foods, Inc. Sparksdale, Arkansas. Student Scholarship and Enrichment Support. Total \$10,000 (2010-\$5,000 and 2007-\$5,000 respectively).

Wal-Mart Corporation, Bensenville, Arkansas. Student Scholarship. Total \$15,000 (2011-\$10,000 and 2009-\$5,000 respectively).

Xerox, Corporation, Philadelphia, Pennsylvania. Student Scholarship and Enrichment Support. Total \$11,400 (2010-\$400, 2009-\$5,500 and 2008-\$5,500 respectively).

Information Technology Summit. Funds raised in cash and kind from Valley Development Boards and Companies for ITS 2004 (EEDC, MEDC, Course Technology, Saint Gobain, and etc). About \$15,000. 2004.

Montgomery Scholarship Fund. South Dakota Center of Excellence in Computer Information Systems at DSU. Funds raised in equity. About \$60,000. 1998-1999.

USWEST Widening Our World Project. South Dakota Center of Excellence in Computer Information Systems at DSU. Funds raised in cash and tangible assets. About \$200,000. 1998-1999.

THESIS AND DISSERTATIONS DIRECTED

Yunis, Manal M. (August 2013). The University of Texas – Pan American. ***Innovation-ICT-Cybersecurity: The Triad Relationship and its Impact on Growth Competitiveness***. Chair of Dissertation Committee.

Bai, Shuming. (August 2008). The University of Texas – Pan American. ***Forward Market Efficiency: Evidence from Emerging and Advanced Economies in Crises***. Member of Dissertation Committee.

Wang, Yongjian. (December 2007). The University of Texas - Pan American. ***The Influence of Web Aesthetics on Consumer's Cognitive, Affective, and Behavioral Responses in Online Retailing Environment: Evidence from the United States, Mexico and China***. Member of Dissertation Committee.

Williams, Deleah. (May 2003). Southern University at New Orleans. ***A Study of Knowledge Management Software Product Markets***. Co-Chairperson of Graduate Project Thesis.

Tse, Sandy. (April 2003). University of South Australia. ***A Hedonic Perspective in Studying the Visual Effects of Web Page Design for Effective Web Marketing***. External Committee Member of Doctoral Dissertation.

Mok, Peter. (May 2002). Southern University at New Orleans. ***Relationship Between Community Technology Centers and the Digital Divide***. Chairperson of Graduate Project Thesis.

- Zeng, Mingying. (May 2002). Southern University at New Orleans. *A Study of Medical Web Sites*. Chairperson of Graduate Project Thesis.
- Mahmood, Kamran. (December 2001). Southern University at New Orleans. *An Examination of Web Caching Product Features and Capabilities*. Chairperson of Graduate Project Thesis.
- Daigle, Mathieu. (May 2001). Southern University at New Orleans. *An Identification of Customer Relationship Management Implementation Components*. Chairperson of Graduate Project Thesis.
- Do, Manh T. (May 2001). Southern University at New Orleans. *A Longitudinal Study of Information Technology Management Salaries*. Chairperson of Graduate Project Thesis.
- Hu, Jing. (May 2001). Southern University at New Orleans. *A Study of Information Systems Journal Holdings at AACSB Accredited Institutions*. Co-Chairperson of Graduate Project Thesis.
- Liu, Xia. (May 2001). Southern University at New Orleans. *An Examination of Essential Technical Skills Required of Information Technology Professionals*. Co-Chairperson of Graduate Project Thesis.
- Raol, Jaydip M. (May 2001). Southern University at New Orleans. *An Identification of Corporate Portal Software Functions and Features*. Chairperson of Graduate Project Thesis.
- Bernard, Shawon. (December 2000). Southern University at New Orleans. *A Study of Teacher Preparation Programs and Computer Technology Integration in Historically Black Colleges and Universities*. Chairperson of Graduate Project Thesis.
- Patibanda, Prasad V. (December 2000). Southern University at New Orleans. *An Identification of Essential Components of Software Tools Supporting Business Process Reengineering*. Chairperson of Graduate Project Thesis.
- Shah, Bhavikkumar U. (December 2000). Southern University at New Orleans. *An Identification of Primary Features in PKI Software*. Chairperson of Graduate Project Thesis.
- Smith, Lauren A. (December 2000). Southern University at New Orleans. *A Study of the Quantifiable Losses Caused by Computer Crimes*. Chairperson of Graduate Project Thesis.
- Chebbi, Prasanna. (May 2000). Southern University at New Orleans. *A Longitudinal Study of Internet Addiction Disorder Research: 1975-2000*. Chairperson of Graduate Project Thesis.
- Hudson, Roberta. (May 2000). Southern University at New Orleans. *A Study of Web-based Course Delivery at Historically Black Colleges and Universities*. Chairperson of Graduate Project Thesis.
- Markey, Synthia. (May 2000). Southern University at New Orleans. *An Examination of Web-based Recruitment by Selected Fortune 500 Companies*. Chairperson of Graduate Project Thesis.
- Tsang, Philip. (2000). Central Queensland University, Australia. *The Use of Signature for Commercial Advertising on the Internet*. External Committee Member of Doctoral Dissertation.

Eisenbeis, Joe. (May 1999). Dakota State University. *A Study of On-Line Advertising Evaluating Methods*. Project selected by SD-NSF-EPSCoR for presentation and inclusion in Undergraduate Research Student Poster Session, State Capital Rotunda, Pierre, SD. February 1999. Chairperson of Undergraduate Thesis.

Holman, Eric. (May 1999). Dakota State University. *A Study of Information Technology Integration in South Dakota*. Chairperson of Undergraduate Thesis.

Niles, Kely. (May 1999). Dakota State University. *An Examination of Depreciation Methods Used for Accounting Computing Resources*. Director of project selected by SD-NSF-EPSCoR for presentation and inclusion in Undergraduate Research Student Poster Session, State Capital Rotunda, Pierre, SD.

Rusanowski, Michelle. (May 1999). Dakota State University. *An Empirical Study of Search Engines and Topic Relevancy*. Director of project selected for presentation by SD-NSF-EPSCoR and inclusion in Undergraduate Research Student Poster Session, State Capital Rotunda, Pierre, SD. February 1999. Chairperson of Undergraduate Thesis.

Day, Henry, Jr. (1996). Virginia Polytechnic and State University, Blacksburg. *An Investigation of Software Matrix Affect on COBOL Program Reliability*. External Committee Member of Doctoral Dissertation.

HONORS AND AWARDS

EXPERT PENALIST. Solutions to Enrollment Challenges – “Grantsmanship and Student Recruitment and Retention at Tuskegee University,” AACSB ICAM Conference, Atlanta, Georgia, April 15-17, 2024.

KEYNOTE SPEAKER, “Using Online Program Management Solutions for Delivering Quality Academic Programs,” International Conference on Technology Education, Hong Kong, China, January 9-11, 2018.

OUTSTANDING EDUCATOR AWARD, Bureau of Education – Shaanxi Province, China, June 2017.

KEYNOTE SPEAKER, “Competition, Innovation, and Best Practices: The Smart Alternative” Lebanese Computer Information Systems Conference, Beirut, Lebanon and New York, United States, April 27-29, 2017.

KEYNOTE SPEAKER, “Smart Aging: Current Developments and Research Needs,” International Conference on Information and Communications Technologies in Organizations and Society, Paris, France, March 16-17, 2017.

EXCELLENCE AWARD, 2015 National Photo Exhibition of *China in Foreign Teachers’ Eyes*, China Society for Research on International Professional Personnel Exchange and Development and International Talent Monthly, May 29, 2016.

KEYNOTE SPEAKER, “High Tech + High Touch = High Impact Proactive Learning,” International Conference on Technology Education, Hong Kong, China, July 2, 2015.

HONORARY GUEST PROFESSOR. Xidian University, China. Conferred May 2013.

HONORARY PROFESSOR, Caritas Institute of Higher Education, Hong Kong. Conferred July 2012.

OUTSTANDING EDUCATOR AWARD, Decision Sciences Institute – Southwest Region, February 2012.

EDITORIAL EXPERT and DISTINGUISHED SPEAKER SERIES. Research and Expert Panelist for Seminars Conducted at:

- Caritas Institute of Higher Education, Hong Kong, China. August 2010 and 2011 and July 2012 and 2014
- Central University of Finance and Economics, Beijing, China. May 2011 and May 2012
- Dongbei University of Finance and Economics, China, May 2014 and May 2016
- Donghua University, Shanghai, China. May 2011
- Malaysian American Council for Educational Exchange, Kuala Lumpur, Malaysia. July 2012 and 2013
- Ningbo University of Technology, China. May 2016
- Petroleum University, Qingdao, China. May 2012
- Shaanxi Normal University, Xian, China. May 2012
- Southeast Decision Sciences Institute Conference, Charleston, South Carolina, February 2020
- Southwest Decision Sciences Institute Conferences, United States (various cities), since 2009.
- Xidian University, Xian, China. May 2011, May 2013, and December 2017
- Zhejiang Agriculture and Forestry University, Lin'an, China. December 2013

SERVICE EXCELLENCE AWARD. College of Business Administration, University of Texas – Pan American, May 2011.

DISTINGUISHED SERVICE AWARD. Decision Sciences Institute –Southwest Region. March 2011.

RESEARCH EXCELLENCE AWARD. College of Business Administration, University of Texas – Pan American, May 2010.

BEST PAPER AWARD. International Conference on Business, Leadership, Information and Management, New Orleans, Louisiana, May 2010.

PROVOST AWARD FOR INTERNATIONAL STUDIES. University of Texas – Pan American, November 2008.

FACULTY HONOREE. *Who's Who Among America's Teachers*, Year 2004-05 State of Texas Edition.

FACULTY HONOREE. *Who's Who Among America's Teachers*, Year 2003-04 State of Texas Edition.

BEST FACULTY-STUDENT PAPER. Joint Student-Faculty Mentored Peer Refereed Paper. Information Systems Education Conference, San Antonio, Texas, November 2002.

STATE OF LOUISIANA RESOLUTION. Commendation for Service and Leadership Excellence. Sponsored by Senator Lambert C. Boissiere, Jr. of Senate District 3 before the Louisiana Senate, Baton Rouge, Louisiana, August 2002.

LEADERSHIP AND PROGRAM EXCELLENCE AWARD. Graduate Studies Program. Southern University at New Orleans, August 2002.

FACULTY HONOREE. *Who's Who Among America's Teachers*, Year 2002 State of Louisiana Edition.

BEST FACULTY-STUDENT PAPER. Joint Student-Faculty Mentored Peer Refereed Paper. Information Systems Education Conference, Philadelphia, Pennsylvania, November 2000.

FACULTY INDUCTEE. Delta Mu Delta (Business Administration Professional Association), Kentucky State University, 1997.

EDUCATOR OF THE YEAR. Data Processing Management Association Student Chapter, Virginia Commonwealth University, 1992-93.

EDUCATOR OF THE YEAR. Data Processing Management Association, Richmond Chapter, Virginia, 1991-92.

ALUMNI INDUCTEE. Alpha Iota Delta (National Decision Sciences Institute Honor Society), since 1990.

CERTIFICATE of RECOGNITION for RESEARCH. Mississippi State University, 1984-86.

LEE FOUNDATION SCHOLARSHIP. Singapore, 1982 and 1986.

ROTARY DISTRICT 607 SCHOLARSHIP. Warrensburg, Missouri, 1980.

HONORS SCHOLARSHIP. Central Missouri State University, 1978-80.

INTERNATIONAL STUDENT AWARD. Central Missouri State University. Recognition for fostering international understanding and cultural contributions to the university and community. 1978.

CORPORATE BOARDS AND COMMUNITY SERVICES

City of McAllen, Chinese Tradezone Project, May 2006-2015.

* Mayor's Liaison and Translator

Microsoft Educational Consortium, Fall 2008-Spring 2013.

* Board Member

Philip Tsang (PI), "Social Communication Networking and Multimedia Lab for Excellence in Teaching and Learning Enhancement" HKD\$1.888 Million Grant. Information Portal for Accredited Self-Financing Post-Secondary Programmes, The Government of the Hong Kong Special Administrative Region of the Peoples' Republic of China. Website: <http://www.ipass.gov.hk/eng/43A2010.pdf>, p. 18. 2011.

* External Expert and Adviser.

Texas Valley Delegation to China – April 2006

* Speaker for UTPA, City of McAllen, and Ningbo-McAllen Investment Company, China

Rio Grande Valley Information Technology Summit Web-Based Entrepreneur Competition – Summer 2005.

* Chair

Rio Grande Valley Information Technology Summit – May 2004.

* Summit Chair

Ford Salute to Education Scholarship, 2003

* Judge

New Orleans Public Schools - Collaboration Office Education Program:

* Site Faculty Mentor and Supervisor, Summer 2001.

New Orleans Public Schools - World of Work Academy:

* Faculty Mentor, Summer 2000.

Orleans Parish Private Industry Council Administration - Welfare to Work Program:

* Site Supervisor, Spring 2000.

LOFTI Grant, State of South Dakota:

* Advisory Board Member, COE-DSU, 1999.

Commonwealth of Virginia Court System:

* Language Translator. Portsmouth Circuit Court, 1995.

* Language Interpreter. Hampton Traffic Court, 1995.

Rotary District 607:

* Advisor. United Nations Model Conference, Warrensburg, Missouri, 1979-83.

PROFESSIONAL SERVICES

ACCREDITATIONS – AACSB PEER REVIEW TEAM:

Alfred University, New York

* Business Member, February 2022

Jackson State University, Mississippi

* Peer Committee Chair, February 2027

McNeese State University

* Business Member, March 2025

North Carolina Central University, North Carolina

* Business Member, September 2021

University of Maryland Eastern Shore, Maryland

* Business Member, February 2021

Winthrop University, South Carolina

* Business Member, March 2020

JOURNALS:

Applied Energy

* Reviewer, 2017.

Electronic Markets

- * Reviewer, 2012.

Industrial Management & Data Systems

- * Manuscript Reviewer, 2002-2010

Information Resources Management Journal

- * Ad Hoc Reviewer, 1989.

International Journal of Electronic Healthcare

- * Editor-in-Chief, 2012 through December 2019.

International Journal of Information and Operations Management Education

- * Member of Editorial Review Board, 2004-2009.

International Journal of Management and Enterprise Development

- * Member of Editorial Review Board, 2004-2009.

International Journal of Mobile Learning and Organization

- * Guest Editor, Special Issue on Assessment of Mobile Technologies and Delivery Techniques, 2007-08

International Journal of Revenue Management

- * Member of Editorial Review Board, 2005-2012.

International Journal of Services and Standards

- * Editor-in-Chief, September 2008 through December 2019.
- * Member of Editorial Review Board, from 2004.

Journal of Computer Information Systems

- * Manuscript Reviewer, Special Issue on Knowledge Management, 2001.
- * Member of Editorial Review Board, 2003-2008.

Journal of Information Systems Education

- * Manuscript Reviewer, since 2001.
- * Member of Editorial Review Board, 2003 to 2009.

Journal of International Technology and Information Management

- * Manuscript Reviewer, since 2002.
- * Member of Editorial Review Board, 2003-2009.

PROFESSIONAL ASSOCIATIONS:**Association for Chinese Management Educators**

- * Board Member, 2004-2005.
- * Track Chair, Distance Delivery Technologies and Techniques, International Conferences of Pacific Rim Management, Seattle, Washington; Chicago, Illinois; San Diego, California; Honolulu, Hawaii, 2003 through 2006.

Association of Information Systems

- * Manuscript Reviewer for Americas Conference on Information Systems, 2002 and 03.

Association of Information Technology Professionals: (formerly DPMA)

- * Vice-President of Education, Richmond Chapter, Virginia, 1993.
- * Vice-President of Publication and Executive Editor, Scan: The Monthly Publication of DPMA, Richmond Chapter, Virginia, 1992.
- * Committee Member, Fortieth Anniversary Celebrations Gala, Richmond Chapter, Virginia, August 1992.
- * Chairman, First DPMA Region 8 Student Conference and Co-Editor, Proceedings of First DPMA Region 8 Student Papers Competition, Richmond, Virginia, 1990.
- * Vice-President and President, Mississippi State University Student Chapter, 1984 through 86.

Decision Sciences Institute:

- * Panelist on Deans and Editorial Forum, Southeast Decision Sciences Institute Annual Conference, 2020.
- * Panelist on Editorial Forum, Southwest Decision Sciences Institute Annual Conferences, since 2008 to 2020.
- * Committee Chair, Southwest Decision Sciences Institute, various standing committees, since 2010 to 2020.
- * Past-President, Southwest Decision Sciences Institute, 2010-2011.
- * President, Southwest Decision Sciences Institute, 2009-2010.
- * President-Elect, Southwest Decision Sciences Institute, 2008-2009.
- * Program Chair, Southwest Decision Sciences Institute Conference, Oklahoma City, OK, 2009.
- * Program Chair, Southwest Decision Sciences Institute Conference, Houston, TX, 2008.
- * Proceedings Editor, Southwest Decision Sciences Institute Conference, Dallas, TX, 2005.
- * Member, National Alpha Iota Delta Liaison Committee, April 2000 - March 2002.
- * Campus Representative, 1990-94.
- * Discussant, Paper Referee, and Session Chair, national and regional conferences, various years.

International Association of Computer Information Systems

- * Member, Organizing Committee, PACIS Taiwan, 2005
- * Manuscript Reviewer and Session Chair, 2004 and 2005, respectively.

International Conference on Accounting, Business, Leadership and Information Management (ICABLIM), August 2009, China, May 2010, New Orleans, and May 2011, Macau:

- * Manuscript Reviewer
- * Panelist in the Editors Panel.
- * Session Chair

International Conference on ICT in Teaching and Learning, Hong Kong

- * Organizing Committee, Session Chair, and Panelist in the Editors Panel, Since 2006

International Database Association:

- * Program Committee Member, 9th International Database Conference, Hong Kong, July 1999.

International Information Management Association

- * Manuscript Reviewer, 2002.

Louisiana Information Technology Research Association Annual Meeting, 2003

- * Panelist

South Dakota Center of Excellence in Computer Information Systems:

- * Chair, Second Annual Symposium and Exposition, Sioux Falls, SD, April 1999.

Southwest Finance Association

- * Presenter, New Orleans, LA, and Houston, Texas, 2022 and 2023.

The Women's Caucus:

- * Discussant and Session Chair, San Antonio, Texas, 1986.

INSTITUTIONAL SERVICES

Tuskegee University – University Committees

- * Academic-Research Subcommittee, Spring 2020.
- * Board of Trustees Information Technology Infrastructure & Online Education Committee, Since Fall 2017.
- * Chief Information Officer Search Committee, Spring 2019.
- * Co-Chair, Booker T. Washington Summit, Montgomery, Alabama, Fall 2018-2020
- * Council of Deans, since Fall 2017.
- * General Education Committee, Spring 2018.
- * Information Technology Governance Committee, Fall 2018.
- * Institutional Effectiveness Committee, Spring 2018.
- * Lionel Richie Day at Tuskegee University and the City of Tuskegee, 2018.
- * Operational Efficiency Working Group: Process & Services, Since 2021.
- * Provost and Vice President of Academic Affairs Search Committee, Fall 2019.
- * Strategic Planning Committee, Since 2020.

The University of Texas Pan American – University Committees

- * Academic Computer Council, 2005-2008.
- * Academic Affairs Leadership Team, 2007-2014.
- * Change Management Committee, 2012-2015.
- * Commencement Marshall, (various semesters) 2005-2013.
- * Council of Chairs, 2010-2014.
- * CORE Review Committee, 2003-2004.
- * Student Union Advisory Board, 2010-2012
- * Associate Director (Economic Development) and Fellow, Center for Computing and Information Technology, Summer 2002 to September 2005.

The University of Texas Pan American – College of Business Administration Committees

- * Committee to Review Promotion and Tenure Document, 2002 to 2004 and 2008.
- * Doctoral Program Comprehensive Examination Committee, 2010-2014.
- * Doctoral Program Preliminary Examination Committee, 2008-2014.
- * Faculty Mentor for CIS Majors, MAP Program, 2011-2015.
- * Faculty Research Mentor, College of Business Administration – Research Day, 2010-15.
- * Merit Review Committee, 2004 and 2005.
- * Promotion to Full Professor Committee, 2006-2014.
- * Affirmative Action Associate, Faculty Search Committee, various semesters, 2008-2014.

The University of Texas Pan American – Department of Computer Information Systems and Quantitative Methods

- * Chair, Curriculum Review Committee, 2006.

- * Chair or Member, Faculty Search Committee, 2002, 2003 and 2006.
- * Chair or Member, Merit Review Committee, 2003 through 2006.

Southern University at New Orleans:

- * Advisory Board, Masters of Arts Degree Program in Urban Teaching, 2000-2002.
- * Commencement Assistant Marshall, 1999-2002
- * Faculty Advisory Council, Center for African and African American Studies, 1999-2002.
- * Chair or Member, Various University Committees including Accreditation Reaffirmation, Administrative Council, Distance Delivery, Faculty Development, Graduate Enrollment, Graduate Council, Personnel Search, Undergraduate and Graduate Research, and Search Committee for Graduate Electronic Reference Specialist, 1999-2002.

Dakota State University:

- * Member of various University Committees including Academic Council, Assessment, Computing Resources, Graduate Council, Promotion and Tenure, and Student Honors, 1998-99.

Kentucky State University:

- * Principal Committee on Institutional Purpose for SACS Re-accreditation, 1997.
- * Lead Professor, School of Business, Information Systems Management Curricula, 1996-98

Mount Olive College:

- * Academic Computing Committee, 1995-96.
- * Student Honors Committee, 1995-96.
- * Coordinator, Computer Information Systems Curricula, 1995-96.
- * Faculty Advisor, Data Processing Management Association Student Chapter, 1995-96.
- * Faculty Advisor, International Club, 1995-96.

Virginia Commonwealth University:

- * Committee on University Assessment of Multicultural Experiences, 1989-94.
- * Task Force on Internationalization, School of Business, 1993-94.
- * Chair, Awards Committee, Information Systems Department, 1991-94.
- * Chair, Publications Committee, Information Systems Department, 1987-94.
- * Faculty Advisor, Data Processing Management Association-Student Chapter, 1988-94.
- * Obtained an average of \$1000 in student scholarship money annually from local chapter.
- * Library Resources Representative, Information Systems Department, 1992-94.

Mississippi State University:

- * Member, Search Committee for Vice-President of Student Affairs, 1985.

Central Missouri State University:

- * Member, Search Committee for Vice-President of Student Affairs, 1983.
- * President, International Club, 1979-80.

BOOKS REVIEWED

Van Slyke, Craig, and France Belanger (2003). *E-Business Technologies: Supporting the Net-Enhanced Organization*, New York: Wiley Book Publishers.

Luce, Tom (1992). *Computer Hardware, System Software and Architecture*, New York: McGraw Hill Book Publishers, Proposed Edition 2. Unfavorable comments by a majority of the reviewers resulted in cancellation by publisher.

O'Brien, James A. (1990). *Management Information Systems: A Managerial End-User Perspective*, Homewood: Richard D. Irwin Publishers.

Long, Larry (1988). *Computer Information Processing*, Englewood Cliffs: Prentice Hall Publishers.

MISCELLANEOUS INFORMATION

RESEARCH INTEREST: Analytics and Big Data, Decision Support Modeling, Financial Fraud and Forensics, Electronic Commerce and Web-Based Instruction, Energy Issues, End-user Computing and Training, Global Information Technology Management, Health Information Technology, Labor Markets, and Technology Applications in Small and Medium Enterprises.

TEACHING INTEREST: Computer Security, Enterprise Resources Planning, Global Information Technology Management, Health Information Technology, Information Assurance and Ethics, IT Research Methods and Theories, and Project Management.

COURSES TAUGHT: Undergraduate information systems courses include Application Software, Computer Organization, Computer Security, Database Management System, Enterprise Resources Management, Health Management Information Systems, Information Assurance, Information Technology Management, Management Information Systems, Operating Systems and Architecture, Programming Languages, Project Management, Risk Management, Systems Analysis, Systems Design, and Telecommunications. Graduate level courses included Information Security and Assurance Management, Management information Systems, Project Development, and Research Methods in Computer Information Systems. Doctoral level course taught include Computer Information Systems Theories and Pedagogies, Information Systems Research Methods, and Seminar in Global Information Technology. Application packages and instructional tools used include Corel Suite and Microsoft Office Professional, MS Project, Assembler, COBOL, Excelerator, ProKit Analyst, SAS, SPSS, Visual Basic, and Visual Dbase. Other business courses include Business Communications, International Business, Mathematics for Business Analysis, Macroeconomics and Microeconomics, Principles of Marketing, Money and Banking, Organizational Behavior, and Principles of Finance.

PROFESSIONAL AFFILIATIONS: Association for Information Technology Professionals Special Interests Group on Education, Decision Sciences Institute, Federation of Business Disciplines, International Association for Computer Information Systems, Southwest Finance Association, HBCU Deans Round Table, and International Honor Society Beta Gamma Sigma.

NATURAL LANGUAGE PROFICIENCY: English, Bahasa Malaysia, Bahasa Indonesia, and Chinese (Cantonese, Hakka, and Mandarin)

HOBBIES: Gourmet Cooking, Traveling, and Team Sports

CITIZENSHIP: United States of America

SUBMISSIONS UNDER REVIEW

National Science Foundation (NSF): PI: Fan Wu; Co-PIs: Kai Koong, Baiyun Chen, Mohammad Rahman, and Kushagra Kushagra. “Collaborative Research: FEC: Bridging the Gap: AI-Assisted Workflow Platform for Connecting Research and Education with Cyberinfrastructure.” 10/2026-09/2031. **Requested Amount: \$1,200,000. Temporary ID: 297050, Pending Submission Date 1/27/26.**

National Science Foundation (NSF): PI: Fan Wu; Co-PIs: Kai Koong and Mohammad Rahman. “Collaborative Research: Transforming Integrated Education from Design to Deployment.” 08/2026-07/2029. **Requested Amount: \$179,999. Proposal ID: 282989, Pending. Submitted 10/29/25.**

National Science Foundation (NSF): PI: Chen Baiyun; Co-PIs: Kai Koong, Fan Wu, Mohammad Rahman, and Kushagra Kushagra. “Excellence in Research: Trustworthy LLMs for Healthcare: Evidence-Grounded, Compliant, Human-in-the-Loop.” (08/2026-07/2029). **Requested Amount: \$1,098,848. Proposal ID: 277890, Pending. Submitted 10/20/25.**

National Science Foundation (NSF). PI: Fan Wu; **Co-PIs:** Kai Koong, Mohammad Rahman, Baiyun Chen, and Kushagra Kushagra. “Collaborative Research: IUSE:EDU Developing an Active Learning-Based Undergraduate Certificate Program for Quantum Proficiency,” (03/2026 – 02/2029), **Requested Amount: \$199,997. Proposal ID: 263209, Pending. Submitted 7/16/25.**