Dr. JAE J. CHOI

Pittsburg State University
Accounting and Computer Information Systems
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Education

Ph D, University of Wisconsin, Milwaukee, 2009.
Major: Management Information Systems
Supporting Areas of Emphasis: Operation Management
Dissertation Title: Three Research Essays on Business-Driven Strategy for Service-Oriented
Architecture Implementation

MBA, Loyola University of Chicago, 2003.
Major: Information Systems

MS, Loyola University of Chicago, 2002.
Major: Computer Science

BBA, Yonsei University, 1993.
Major: Business Administration

Academic, Government, Military and Professional Positions

Academic - Post-Secondary

Assistant Professor of Accounting & Computer Information Systems, Pittsburg State University,
Department of Accounting & Computer Information Systems. (2012 - 2013).

Licensures and Certifications

NASBITE Certified Global Business Professional. (2012 - Present).

Online teaching Certification, Alabama State University. (2011 - Present).

CompTIA Security+. (2011 - 2014).

Professional Memberships

Senior Member, Association for Information Systems. (2008 - Present).

Development Activities Attended

Workshop, "SAP Summer Workshop," SAP, University of Wisconsin, Milwaukee, Milwaukee, WI,
U.S.A. (July 17, 2017 - July 20, 2017).

Conference Attendance, "Minitrack and Session Chair," Americas Conference on Information
Systems, Chicago, IL. (August 2013).

TEACHING

Teaching Experience

Pittsburg State University
    CIS 130, COMPUTER INFORMATION SYSTEMS, 1 course.
    CIS 345, OBJ ORINTD PROGRAMNG USNG JAVA, 6 courses.
    CIS 350, INTRO TO SYSTEM ADMINISTRATION, 1 course.
    CIS 380, APPLCTN SYST ANALYS/DESGN METH, 7 courses.
    CIS 420, MANAGEMENT INFORMATION SYSTEMS, 1 course.
    CIS 470, COMPUTER NETWORKING, 2 courses.
    CIS 640, SOFTWARE ENGINEERING, 5 courses.
    CIS 670, INF ASSURNC & COMPUTR SECUR I, 5 courses.
    CIS 671, INF ASSURNCE & COMPTR SECUR II, 6 courses.
    CIS 801, 'TP: SPECIAL PROJECTS', 1 course.

RESEARCH

Published Intellectual Contributions

Refereed Journal Articles

Ngo-Ye, T., Choi, J. J., Gittens, D. (2018). Helping Students to Prepare Microsoft Office Specialist Certification Exams. *Issues in Information Systems*.

Ngo-Ye, T., Choi, J. J., Cummings, M. L. (2018). Modeling the Robo-Advisor Ecosystem: Insights from a Simulation Study. *Issues in Information Systems*.

Ngo-Ye, T., Nazareth, D. L., Choi, J. J. (2017). Trust in Cloud Computing: Maintaining Long-Term Relationships. *Journal of Information Technology Management, 28*(3), 25-38.

Choi, J. J., Nazareth, D. L., Ngo-Ye, T. L. (in press). The Effect of Innovation Characteristics on Cloud Computing Diffusion. *Journal of Computer Information Systems*.

Choi, J. J., Cummings, M. L. (2016). Outcome-based contract model for IT outsourcing: A System Dynamics Approach. *Issues in Information Systems, 17*(2), 93-104.

Ngo-Ye, T. L., Choi, J. J. (2016). Preparing Students for Security Certification: An Exploratory Experiment. *Issues in Information Systems, 17*(III), 59-69.

Ngo-Ye, T., Choi, J. J. (2015). REVISIT CHALLENGES FOR TEACHING COMPUTER LITERACY: A CASE OF USING AN ONLINE SIMULATION TOOL. *Issues in Information Systems, 16*(2), 226-235.

Nazareth, D. L., Choi, J. J. (2015). A System Dynamics Model for Information Security Management. *Information and Management, 52*(1), 123-134.

Choi, J. J., Nazareth, D. L. (2014). Repairing Trust in an e-Commerce and Security Context: An Agent-Based Modeling Approach. *Information Management and Computer Security*.

Ngo-Ye, T., Choi, J. J. Pre and Post Class Case Discussion: Engaging Business Students in Learning Management Information Systems. *Issues in Information Systems, 15*(2), 367-374.

Ngo-Ye, T., Choi, J. J. (2013). Novice User's Trust on Innovative Technology: A Theoretical Analysis in the Context of Data Mining. *International Journal of Intelligent Information Processing, 4*(2), 34-44.

Choi, J. J., Nazareth, D. L., Jain, H. K. (2013). The Impact of SOA Implementation on IT-Business Alignment: A System Dynamics Approach. *ACM Transactions on Management Information Systems, 4*(1), 3:1-3:22.

Conference Proceedings

Lee, S., Choi, J. J., Ngo-Ye, T., Cummings, M. L. (2018). *Modeling Trust in the Adoption Decision Process of Robo-Advisors: An Agent-Based Simulation Approach.* Midwest Association of Information Systems.

Ngo-Ye, T., Choi, J. J. (2018). *Teaching Students Mainframe Skills for the Niche Market: An Exploratory Proposal.* The Southern Association for Information Systems Conference.

Nazareth, D. L., Choi, J. J. (2017). *Capacity Management for Cloud Computing: A System Dynamics Approach.* Association for Information Systems: Americas Conference on Information Systems (AMCIS).

Ngo-Ye, T., Choi, J. J. (2017). *Cloud Computing: Another Disruptive IT Innovation?.* The 48th Annual Meeting of Southwest Decision Sciences Institute.

Choi, J. J., Cummings, M. L. (2015). *A System Dynamics Model for IT Outsourcing Contracting Strategies.* Midwest Association for Information Systems.

Ngo-Ye, T., Choi, J. J. (2015). *Buyer's Product Domain Knowledge and E-Commerce.* International Academy of Business and Public Administration Disciplines.

Choi, J. J., Ngo-Ye, T. (2014). *The Global Digital Divide, the Other Way Around?* International Academy of Business and Public Administration Disciplines.

Presentations Given

Nazareth, D. L., Choi, J. J., Americas Conference on Information Systems (AMCIS), "Capacity Management for Cloud Computing: A System Dynamics Approach," Boston, MA. (August 2017).

Choi, J. J., IACIS, "Pre and Post Class Case Discussion: Engaging Business Students in Learning Management Information Systems," Las Vegas. (October 1, 2014).

Choi, J. J. (Author & Presenter), Ngo-Ye, T. (Author), International Academy of Business and Public Administration Disciplines, "The Global Digital Divide, The Other Way Around?" Dallas, TX. (April 2014).

Contracts, Grants and Sponsored Research

Grant

Choi, J. J., "Youngman Summer Research Grant," Sponsored by Pittsburg State University. (2013 - Present).

Awards and Honors

Nominated, Outstanding Faculty Scholarship Award, Pittsburg State University. (2017).

Kelce Excellence in Research Award, Kelce College of Business. (May 2, 2016).

Kelce Excellence in Research Award, Kelce College of Business. (May 1, 2015).

Intellectual Contributions in Submission

Refereed Journal Articles

Nazareth, D. L., Choi, J. J. Pursuing Growth and Equilibrium Strategies for Market Share in the Cloud Computing Environment: Insights from a Simulation Study. *Electronic Markets – The International Journal on Networked Business*.

Research Currently in Progress

"'A Business Value framework of Service-Oriented Architecture: A perspective from Information Systems Agility'" (On-Going).

"'Changing roles of C-level and mid-level business managers due to IT embeddedness'" (On-Going).

"'Developing IT Staffing Strategy Decision Support System: An Agent-Based Simulation Approach'" (On-Going).

"'Game theoretic business value analysis of Cloud computing market: An Agent-Based Simulation Approach'" (On-Going).

"'Security Management Strategies: A System Dynamics Approach'" (On-Going).

"'What makes your Information Systems agile: A Business-Driven Model for Agility Providers'" (On-Going).

SERVICE

Department Service

Committee Member, CIS curriculum Committee. (August 2012 - Present).

Committee Member, ACIS Faculty Search Committee. (January 2015 - May 2015).

Committee Member, ACIS Chair Search Committee. (April 2013 - September 2013).

College Service

Committee Member, MBA Program Advisory Council. (September 2016 - Present).

Alternate, Undergraduate Curriculum Committee. (September 2013 - May 2016).

Committee Member, College Strategic Planning Committee. (January 2013 - May 2016).

University Service

Committee Member, Council for Discovery and Research. (September 2016 - Present).

Committee Member, Faculty Senate Information Systems Committee. (August 2012 - May 2017).

Committee Member, Joint Task Force on Computer Curriculum. (March 8, 2017 - May 30, 2017).

Committee Member, Council for Discovery and Research. (September 2014 - April 2015).

Professional Service

Reviewer, Journal Article, ACM Transactions on Management Information Systems. (June 2017 - Present).

Reviewer, Journal Article, IEEE Transactions on Services Computing. (October 2016 - Present).

Editor, Journal Editor, Journal of Managerial Issues. (2017 - 2019).

Reviewer, Journal Article, Information & Management. (April 18, 2018 - December 2018).

Committee Member, International Conference on Design Science Research in Information Systems and Technology. (June 2016 - June 2017).

Committee Member, International Association for Computer Information Systems. (2015 - 2016).

Committee Member, Internationals Conference on Design Science Research in Information Systems and Technology. (2015 - 2016).

Reviewer, Journal Article, Information and Management. (May 19, 2016 - June 2016).

Reviewer, Journal Article, Information and Management. (September 2015 - October 2015).

Reviewer, Journal Article, European Journal of Information Systems. (August 2015 - September 2015).

Reviewer, Journal Article, The American Economist, Pittsburg, KS. (May 2015).

Reviewer, Conference Paper, Midwest Association for Information Systems. (March 2015).

Reviewer, Journal Article, Information Systems Frontier. (January 2015 - February 2015).

Reviewer, Journal Article, Information Systems Frontier. (May 2014 - June 2014).

Reviewer, Conference Paper, AMCIS, Savannah, GA. (March 2014 - April 2014).

Reviewer, Conference Paper, PACIS, Chengdu. (March 2014 - April 2014).

Track Organizer, 19th Americas Conference on Information Systems. (2013).