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*Michael F. Price Chair and Director of MIS
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EDUCATION

*Ph.D., University of Nebraska, Lincoln, Nebraska
M.S., Texas A&M University, College Station, Texas
M.B.A, University of Bombay, India
B.Sc., University of Madras, India*

ACADEMIC WORK EXPERIENCE

July 2014 - Current

Director of MIS Division, Price College of Business, University of Oklahoma

August 2013 - Current, Michael F. Price Chair in MIS

Division of MIS, Price College of Business, University of Oklahoma

August 2004 - 2013

Gatton Endowed Research Professor, Decision Sciences and Information Systems
Gatton College of Business and Economics, University of Kentucky

August 1999 - 2003

Associate Professor, Decision Sciences and Information Systems
Gatton College of Business and Economics, University of Kentucky

January 1998 - August 1999

Associate Professor, Information Systems,
College of Business, University of Cincinnati

August 1995 - December 1997

Associate Professor, Dept. of Decision Sciences and Information Systems,
College of Business, Florida International University

August 1989 - August 1995

Assistant Professor, Dept. of Decision Sciences and Information Systems
College of Business, Florida International University

REFEREED JOURNAL PUBLICATIONS

Liu, D. Santhanam, R. and J. Webster, "Towards Meaningful Engagement: A Framework for Design and Research of Gamified Information Systems," *MIS Quarterly* (41:4), 1011-1034, December 2017.

Santhanam, R. Liu. D and Shen Wei-Cheng, "Gamification of Technology Mediated Training: Not All Competitions Are the Same," *Information Systems Research* (27:2), 453-465, June 2016.

Xu, P, Chen, L. and R. Santhanam, Will Video Be the Next Generation of E-Commerce Product Reviews? Presentation Format and the Role of Product Type, *Decision Support Systems*, 73,85-96. May 2015.

Elise, L-M, Santhanam, R., Leger, P-M, Senecal, S., and F. Courtemanche, The Delayed Effect of Treadmill Desk Usage on Recall and Attention, *Computers in Human Behavior*, 46-48, May 2015.

Santhanam, R., Yi, M., Sasidharan, S. and S. Park, "An Integrative Understanding of Information Technology Training Research," *Transactions on Human-Computer Interaction*, 5(3), 1-22, 2013

Liu, D., Li, X. and R. Santhanam, "Digital Games and Beyond: What Happens when Players Compete?" *MIS Quarterly* 37(1), 11-124, 2013

Sasidharan, S. Santhanam, R, Brass, D, and V. Sambamurthy, "The Effects of Social Network Structure on the Post-Implementation of Enterprise Systems: A Longitudinal Multilevel Analysis," *Information Systems Research* 23, (3), 658-678, 2012.

Shen, Wei-Cheng, Carswell, M.C., Santhanam, R., and Bailey, K. "Emergency Management Information Systems: Could Decision Makers be Supported in Choosing Display Formats?" *Decision Support Systems*, 52 (2), 318-330, 2012

Li, P, Santhanam, R. and M. Carswell, "Effects of Animations in Learning - A Cognitive Fit Perspective," *Decision Sciences Journal of Innovative Education*, 7(2), 377-401, 2009

Li, X, and Santhanam, R. "Will it be Disclosure or Fabrication of Personal Information? An Examination of Persuasion Strategies on Prospective Employees," *International Journal of Information Security and Privacy*, 29 (4), 91-113, 2009

Santhanam, R, Sasidharan, S. and J. Webster, "Using Self-Regulatory Learning to Enhance E-learning-based Information Technology Training," *Information Systems Research*, 19(1), 26-47, 2008

Santhanam, R, Seligman, L. and D. Kang, "Post-Implementation Knowledge Transfers to Users and Information Technology Professionals," *Journal of Management Information Systems*, 24(1), 174-203, 2007

Hartono, E, Santhanam, R. and C. Holsapple, "Factors that Contribute to Management Support System Success," *Decision Support Systems*, 43(1), 256-268, 2007

Antony, S. and R. Santhanam, "Could the use of a Knowledge-Based System Lead to Implicit Learning?" *Decision Support Systems*, 43(1), 141-151, 2007

Bharadwaj, A., Narasimhan, S. and R. Santhanam, "Introduction to the Special Issue: Information Systems and Competitive Agility," *Information Technology and Management*, 7(1), 5-6, 2006

Antony, S., Batra, D. and R. Santhanam, "The Use of a Knowledge-Based System In Conceptual Data Modeling Activities," *Decision Support Systems*, 41(1), 176-188, 2005

Kang, D. and R. Santhanam, "A Longitudinal Field Study of Training Practices in a Collaborative Application Environment," *Journal of Management Information Systems*, 20(3), 257-281, 2003-4

Santhanam, R. and E. Hartono, "Issues in Linking Information Technology Capability to Firm Performance," *MIS Quarterly*, 27(1), 125-153, 2003

R. Santhanam, "Improving Training Outcomes Using Pre-Training Scripts: A Theory of Planned Behavior Approach," *Information and Organization*, 12(3), 135-152, 2002

R. Santhanam, "The Effects of Communication Modality on Outcomes of Group Tasks," *Information Technology and Management*, 2(4), 377-394, 2001

Santhanam, R., T. Guimaraes, and J.F. George, "An Empirical Investigation of ODSS Impact on Individuals and Organizations," *Decision Support Systems*, 30(1), 51-72, 2000

Sein, M. and R. Santhanam, "Learning from Goal-Directed Error Recovery Strategy," *Information Systems Research*, 10 (3), 276-285, 1999

Santhanam, R. and D. Batra, "The Human Computer Interface in Information System Design - Introduction to the Special Issue," *The Data Base for Advances In Information Systems*, 29 (1), 25-30, 1998

Santhanam, R. and J. Elam, "A Survey of Knowledge-Based Research in Decision Sciences (1970-1995)," *The Journal of the Operational Research Society*, 49 (5), 445-457, 1998

Santhanam, R. and J. Kyparisis, "A Decision Model for Interdependent Information System Project Selection," *European Journal of Operational Research*, 89 (2), 380-399, 1996

Santhanam, R. and T. Guimaraes, "Assessing the Quality of Institutional DSS," *European*

Journal of Information Systems, 4 (1), 159-170, 1996

Santhanam, R and J. Kyparisis, "A Multiple Criteria Decision Model for Information System Project Selection," *Computers and Operations Research*, 22 (8), 807-818, 1995

Santhanam, R. and M. Sein, "Improving End-User Proficiency: Effects of Training and Task Variation," *Information Systems Research*, 5 (4), 378-399, 1994.

Schniederjans, M. and R. Santhanam, "A Multi-Objective Constrained Resource Information System Project Selection Method," *European Journal of Operational Research*, 70 (2), 244-253, 1993

Santhanam, R. and M. Schniederjans, "A Model Formulation System for Information System Project Selection," *Computers and Operations Research*, 20 (7), 755-767, 1993

Santhanam, R. and S. Wiedenbeck, "Neither Novice nor Expert: The Discretionary User of Software," *International Journal of Man-Machine Studies*, 38 (2), 201-229, 1993

Mahajan, A. and R. Santhanam, "On Forecastability of Foreign Exchange Swap Rates," *Indian Economic Journal*, 40 (3), 31-36, 1993

Santhanam, R. and M. Schniederjans, "Artificial Intelligence: Implications for Teaching Decision Sciences," *Interfaces*, 21 (5), 63-69, 1991

Santhanam, R. and S. Wiedenbeck, "Modeling the Discretionary User of Word Processing Technology," *The Journal of the American Society for Information Science*, 42 (3), 185-196, 1991

Muralidhar, K., R. Santhanam, and R.L. Wilson, "Using the Analytic Hierarchy Process for Information System Project Selection," *Information and Management*, 18 (1), 87-95, 1990

Santhanam, R., K. Muralidhar, and M. Schniederjans, "A Zero-One Goal Programming Approach for Information System Project Selection," *Omega - International Journal of Management Science*, 17 (6), 583-593, 1989

Schniederjans, M. and R. Santhanam, "A Zero-One Goal Programming Approach for the Journal Selection and Cancellation Problem," *Computers and Operations Research*, 16 (6), 557-565, 1989

OTHER SELECT PUBLICATIONS

"Technology Based Training: Toward A User Centric Research Agenda" (with S. Sasidharan), in *Handbook of Human Computer Interaction in Management Information Systems, Applications,* (Eds. P. Zhang and D. Galletta), 2006, Sharpe, Inc

Santhanam, R. Research Topics and Research Designs in Information Systems, *Research World*, 4 (1), R4 (10)

What Makes Game Players Want to Play More? A Mathematical and Behavioral Understanding of Online Game Design, (with D. Liu and X. Liu), in J. Jack (Ed.) *Human-Computer Interaction, Human Computer Interface Applications and Services*, pp. 284-293, 2007, Berlin: Springer

Santhanam, R. (with X. Li). Will it be Disclosure or Fabrication of Personal Information? An Examination of Persuasion Strategies on Prospective Employees, in H. Nimadi (Ed.), *Pervasive Information Security and Privacy Developments: Trends and Advancements*. Chapter16, pp. 231- 254, 2011, IGI Global, Hershey, PA

SELECT PROCEEDINGS AND PRESENTATIONS

“Is it Disclosure or Fabrication of information? How to Persuade Employees to Disclose Personal Information?” (With X. Li), Proceedings of the Special Interest Group Workshop on Security, International Conference on Information Systems, Milwaukee, Wisconsin, December 2006

“Could Guidance to Choose Appropriate Display Formats Improve Decision Making Performance in Crisis Situations?” (with M. Carswell and M. Shen), Proceedings of the SIGAIS International Conference on Decision Support Systems, Calcutta, India, January, 2007

“Improving Technology Mediated Learning Performance of Information Technology Courses for a Global Audience.”(with S. Sasidharan and J. Webster), Proceedings of the Eighth Annual Global Information Technology Management Association (GITMA) World Conference in Naples, Italy, June 2007

“What Makes Game Players Want to Play More: A Mathematical and Behavioral Model of Online Game Design” (with De Liu and Xun Li), Proceedings of the Human Computer International Conference, Beijing, China, July 2007

Panelist – Training Challenges in a Globalized World, (with Debbie Compeau, Mun Yi, and Guillermo Rodriguez), America Conference on Information Systems, Lima, Peru, 2010

“The Effects of Ambiguity Tolerance and User Discretion on Spatial Task Performance and Display Choices,” (with Russell Grant, Milton Shen, and Melody Carswell), Proceedings of the Pacific Asia Conference on Information Systems, Taipei, Taiwan, 2010, Paper 130.

“The Influence of Usage Experience on Adoption of Successive ICT Products,” (with L. Chen), Proceedings of the Americas Conference on Information Systems, Detroit, Michigan, 2011

Visual Presentation Modes in Online Product Reviews and their Effects on Consumer

Responses (with P. Xu, L. Chen, and L. Wu) forthcoming in the Proceedings of Americas Conference on Information Systems, Seattle, Washington, 2012

GAMESIT - A Gaming Shell for IT Skill Development– A Design Science Program (with D.Liu, M. Yi, J. Park), Workshop on Information Technologies and Systems, December 2013

The Treadmill Desk: Sitting could Kill you, but can you Walk and Work well? (É. Labonté- LeMoyne, P-M Léger, F. Courtemanche, S. Sénécal), Proceedings of Gmunden Retreat on NeuroIS 2014, Gmunden, Austria, June 2014

The Treadmill Desk: the Cognitive Impact of Walking while Working, (É. Labonté- LeMoyne, P-M Léger, F. Courtemanche, S. Sénécal), Proceedings of the Inaugural PERFORM Centre Research Conference, Montréal, Canada, May 2014

Gamified Technology-Mediated Learning: The Role of Individual Differences, (M. Shen, D. Liu, and D. Evans), Proceedings of Pacific Asia Conferences on Information Systems (PACIS), Chiayi, Taiwan, June 2016

Physical Interaction with Technology: Kinesiology as a Reference Discipline for Information Systems Research, (É. Labonté-LeMoyne, P-M Léger, S. Sénécal), Proceedings of the International Conference of Information Systems, Dublin, Ireland, December 2016

Extending The Role Of Information Technology Capability And Impact On Firm Performance Using New Metrics And Industry Sector Analysis (C. Tian, P. Nitiema, R. Santhanam), Informs Annual Conference, Houston, November 2017

The Impact of Information Technology Capability on Hospital Performance, (P.Nitiema, C. Tian, R. Santhanam), Proceedings of the Conference on Health Information Technologies and Analytics, Washington DC, October 2018

SELECT INVITED TALKS AND PRESENTATIONS

Keynote Speaker - Learning to Use an Enterprise System” International Conference of Enterprise Information Systems (CONFENIS), sponsored by IFIG, held at Gyor, Hungary, 2009

Faculty Mentor - Doctoral Consortium, International Conference on Information Systems, 2009, Tucson, Arizona

Presentation - “The Design and Impact of Serious Games in Organizations,” Research Seminar at the Information Systems Department of the Fox School of Business at Temple University, Philadelphia, May 2012.

Presentation - IS Gamification the Answer to Reduce the Boredom of E-learning? Research Talk at HEC, Montreal, September 2013. Presentation - Gamification – Promoting Gameful Interactions with Information Systems, University of Texas, Austin, March 2014.

Panel - Meet the Editors of ISR, JIBS, JOM, and JSCM - What Can We Learn from Other Disciplines, Decision Sciences Annual Meeting, Tampa, November 2014.

IS Senior Scholar Research Workshop – City University of Hong Kong Information System July 2015

EXTERNAL GRANTS AWARDED

An Investigation to Enhance the Effectiveness of Information Technology Knowledge Transfer with E-Learning – Funded by the *Kentucky Science and Engineering Foundation*, October 2003

Novel Visualization and Affect-Sensitive Digital Storybook Systems for Enhancing Reading Comprehension and Literacy skills of Children with Autism Spectrum Disorder - Funded by the University of Kentucky-University of Louisville Foundation, with Samson Cheung, Karla Welch and Robert Pennington, July 2013

Novel Visualization and Affect-Sensitive Digital Storybook Systems for Enhancing Reading Comprehension and Literacy skills of Children with Autism Spectrum Disorder _ Funded by the University of Kentucky-University of Louisville Foundation, with Samson Cheung, Karla Welch and Robert Pennington, August 2014

COURSES TAUGHT

Doctoral Seminar on Analytics of Human Technology Interactions
Doctoral Seminar on Information System Impact
Doctoral Seminar on Systems Analysis and Design
Seminar on Decision Making Tools
Management of Business Intelligence
Data Science and Analytics
Decision Support/Expert Systems
Systems Analysis and Design
Organizational Information Systems
Business Data Communications
Management Support Systems
Systems Analysis & Design
Management Information Systems
Managerial Decision Making
Introduction to Quantitative Methods
Business Computing Systems

SELECT PROFESSIONAL SERVICE

Senior Editor, *Information Systems Research* Jan. 2013 - Dec 2016
Associate Editor, *Information Systems Research* Jan. 2009 - Dec 2010
Associate Editor, *Decision Support Systems* Jan. 2003 – Dec 2015
Editorial Board, *Enterprise Information Systems* 2009 - Present
Associate Editor, *MIS Quarterly* Jan. 2004 -Dec.2007
Editorial Advisory Board, *Computers and Operations Research*, 1999-2004
Faculty Advisor - ICIS Doctoral Consortium -2009, Tucson, Arizona
Program Committee Member -International Conference on Information Technology, Systems and Management, Dec. 2011, Indian Institute of Management, Kozhikode, India
Program Co-Chair, Americas Conference on Information Systems, Omaha, Nebraska, 2005.

SELECT INSTITUTIONAL SERVICE

Price College Research Committee – 2013-Current
Faculty Senate – University of Kentucky, Lexington, 2006-2008.
Undergraduate Studies Committee, Gatton College of Business and Economics, University of Kentucky, 2000-02, 2003-2004.

PROFESSIONAL AFFILIATIONS

Association for Information Systems
The Institute for Operations Research and the Management Sciences

SELECT AWARDS AND HONORS

Dean's Outstanding Scholarship Award - Price College of Business, 2014
Best Associate Editor Award - *Information Systems Research*, 2010
Gatton Research Professorship, Gatton School of Business & Economics, 2003- 2011
Summer Research Grant Award, Gatton School of Business & Economics, 2002-2012
Florida State Teaching Incentive Program Award, 1996