Jerry Cha-Jan Chang, Ph.D.

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EDUCATION

Ph.D. in Management Information Systems	University of Pittsburgh	June 2001
M.S. in Management of Information Systems	University of Pittsburgh	July 1995
M.B.A.	Texas A & M University	May 1987
M.S. in Computer Science	Central Michigan University	May 1986
B.S. in Oceanography	National Taiwan Ocean University	May 1981

RESEARCH INTERESTS

My primary research interest is in measuring the performance of the IS function. Other central research interests include instrument development, self-efficacy, software piracy, use and impact of IT, culture aspects of IS, management of IS, IS offshoring, human computer interaction, organizational learning, and strategic planning.

ACADEMIC EXPERIENCE

2007 - present	Associate Professor, Department of MIS, College of Business, University of Nevada Las Vegas
2001 - 2007	Assistant Professor, Department of MIS, College of Business, University of Nevada Las Vegas
1993 - 2000	Part-time Instructor & Graduate/Research Assistant, Katz Graduate School of Business, University of Pittsburgh
Fall 1997	Teaching Assistant, H. John Heinz III School of Public Policy and Management, Carnegie Mellon University
Spring 1992	Part-time Instructor, Fu-Jen University (Taiwan)

TEACHING

Undergraduate Course
  Database Design and Implementation
  Enterprise Information Systems Architecture
  Business Data Communications
  Information Systems Analysis
  Applied Information Technology
  Introduction to Information Systems

Graduate Course
  Data Communications
  Research Seminar in Information Systems
  Database Management

PROFESSIONAL EXPERIENCE

1989 - 1992   MIS Information Center Administrator, Siemens Telecommunication Systems Limited (Taiwan)

1987 - 1989   Manager of "ACCESS" Training, Internal Trainer, Management Engineer, IMPAC Taiwan Limited

JOURNAL PUBLICATIONS

Hardin, A., Chang, J. C. J. "Does existing measurement theory support the use of composite and causal indicators in information systems research?" *The DATA BASE for Advances in Information Systems*, (forthcoming).

Chang, J. C. J., Torkzadeh, R. "Perceived Required Skills and Abilities in Information Systems Project Management," *International Journal of Information Technology Project Management,* Vol. 4, No. 1, January-March 2013, pp. 1-11.

Vaezi, M. R., Torkzadeh, G., and Chang, J. C. J. "Understanding the Influence of Weblog on the Development of Social Capital," *The DATA BASE for Advances in Information Systems,* Vol. 42, No. 3, August 2011, pp 34-45.

Hardin, A., Chang, J. C. J., Fuller, M., and Torkzadeh, R. "Formative Measurement and Academic Research" *Educational and Psychological Measurement*, Vol. 71, No. 2, 2011, pp 281-305.

Torkzadeh, R. Chang, J. C. J., and Hardin, A. "Usage and Impact of Technology Enabled Job Learning" *European Journal of Information System,* Vol. 20, 2010, pp 69-86.

Moores, T. T. and Chang, J. C. J., "Self-Efficacy, Overconfidence, and the Negative Effect on Subsequent Performance: A Field Study," *Information & Management,* Vol. 46, No. 2, 2009, pp 69-76.

Hardin, A., Chang, J.C.J., and Fuller, M. "Formative versus reflective measurement: Comment on Marakas, Johnson, and Clay (2007)," *Journal of the Association for Information Systems,* Vol. 9, No. 9, 2008, pp 519-535.

Hardin, A., Chang, J.C.J., and Fuller, M. "Clarifying the Use of Formative Measurement in the IS Discipline: The Case of Computer Self-Efficacy," *Journal of the Association for Information Systems,* Vol. 9, No. 9, 2008, pp 544-546.

Torkzadeh, G., Chang, J. C. J., and Hansen, G. W. "Identifying Issues in Customer Relationship Management at Merck-Medco." *Decision Support Systems,* Vol. 42, No. 2, 2006, pp. 1116-1130.

Moores, T. T., Chang, J. C. J., and Smith, D. K., "Clarifying the Role of Self-Efficacy and Metacognition as Indicators of Learning: Construct Development and Test." *The DATA*

BASE for Advances in Information Systems, Vol. 37, No. 2 & 3, Spring-Summer 2006, pp. 125-132.

Moores, T. T. and Chang, J. C. J., "Ethical Decision Making in Software Piracy: Initial Development and Test of a Four-Component Model." *MIS Quarterly,* Vol. 30, No. 1, 2006, pp. 167-180.

Torkzadeh, G., Chang, J. C. J., and Demirhan, D. "A Contingency Model of Computer and Internet Self-Efficacy." *Information & Management,* Vol. 43, No. 4, 2006, pp. 541-550.

Chang, J. C. J. and King, W. R. "Measuring the Performance of Information Systems: A Functional Scorecard." *Journal of Management Information Systems,* Vol. 22, No. 1, Summer 2005, pp 85-115.

Smith, D. K., Moores, T. T., and Chang, J. C. J, "Prepare your mind for learning." *Communications of the ACM,* Vol. 48, No. 9, September 2005, pp 115-118.

Chang, J. C. J., Torkzadeh, G. and Dhillon, G., "Reexamining the Measurement Models of Success for Internet Commerce." *Information & Management,* Vol. 41, No. 5, 2004, pp. 577-584.

Moores, T. T., Chang, J. C. J., and Smith, D. K. "Learning Style and Performance: A Field Study of IS Students in an Analysis and Design Course." *Journal of Computer Information Systems,* Vol. 45, No. 1, 2004, pp. 77-85.

CONFERENCE PROCEEDINGS

Vaezi, R., Chang, C.J. J. Predictors of reciprocity norm in online communities: Case of weblog users. *Proceedings of the 11th ISOneWorld Conference*. Las Vegas, NV, 2012.

Ray, P., Wang, W., Chang, C.J. J., Hubona, G. Management of Change to Ensure IS Success: A Longitudinal Study. *Proceeding of the Thirty Second International Conference on Information Systems*. Shanghai, China. 2011.

Chang, J. C. J., Torkzadeh, G. and Hardin, A. "The Development and Test of a Relationship Model on System Use, Job Learning, and Impact," *Proceedings of the seventeenth European Conference on Information Systems*, Verona, Italy, 2009. Nominated for Claudio Ciborra award.

Smith, D. K., Chang, J. C. J., and Moores, T. T. "Comparing Self-Efficacy and Metacognition as Indicators of Performance," *Proceedings of the ninth Americas Conference on Information Systems*, Tampa, FL, 2003. Nominated for best paper award.

Moores, T. and Chang, J. C. J., "Flowers For The World: Developing a Business Game to Support the Teaching of IS Concepts," *Proceedings of the Seventh Americas Conference on Information Systems*, Boston, MA, 2001, pp. 8-10.

Chang, J. C. J. and King, W. R. "The Development of Measures to Assess the Performance of the Information Systems Function: A Multiple-Constituency Approach," *Proceedings of*

the Twenty First Annual International Conference of Information Systems, Brisbane, Australia, 2000, pp. 640-646.

Chang, J. C. J., "Business Environment, User Involvement, and Information Systems Success: A Case Study," ***Proceedings of the First Americas Conference on Information Systems***, Pittsburgh, PA., 1995, pp. 148-150.

PRESENTATIONS

Vaezi, R., Chang, C.J. J. Predictors of reciprocity norm in online communities: Case of weblog users. Presented at ISOneWorld Conference, Las Vegas, NV, April 2012.

Chang, C.J. J. Reflective and Formative Measurement in Structural Equation Modeling, National Cheng Kung University, Tainan, Taiwan, December 2011.

Ray, P., Wang, W., Chang, C.J. J., Hubona, G. Management of Change to Ensure IS Success: A Longitudinal Study. Presented at the Thirty Second International conference on Information Systems, Shanghai, China, December 2011.

Torkzadeh, G., Sambamurthy, V., Chang, J.C.J. "Research Trends in Management Information Systems," Panel presentation at Decision Science Institute (DSI) conference, San Diego, CA, November 2010.

Chang, J. C. J., Torkzadeh, G. and Hardin, A. "The Development and Test of a Relationship Model on System Use, Job Learning, and Impact," Presented at the seventeenth European Conference on Information Systems, Verona, Italy, June 2009.

Torkzadeh, G., Doll, W., Deng, X., and Chang, J. C. J., "Information Systems Effectiveness Measures: New Challenges of Knowledge Work and E-Commerce Contexts," Panel presentation at ISOneWorld Conference, Las Vegas, NV, April 2004.

Torkzadeh, G. and Chang, J. C. J., "Information Systems Project Management Skills: An Empirical Study," Presented at ISOneWorld Conference, Las Vegas, NV, April 2004.

Chang, J. C. J., "Exploring the Value of Validated Instruments," Presented at the International Symposium on Research Methods, Las Vegas, NV, April 2002.

Moores, T. T. and Chang, J. C. J., "Flowers For The World: Developing a Business Game to Support the Teaching of IS Concepts," Presented at the Seventh Americas Conference on Information Systems, Boston, MA, August 2001.

Chang, J. C. J. and King, W. R. "The Development of Measures to Assess the Performance of the Information Systems Function: A Multiple-Constituency Approach," Presented at the Twenty First Annual International Conference of Information Systems, Brisbane, Australia, December 2000.

Chang, J. C. J., "Business Environment, User Involvement, and Information Systems Success: A Case Study," Presented at the First Americas Conference on Information Systems, Pittsburgh, PA, 1995.

WORKING PAPERS

Torkzadeh, G., Xiao, Z., Chang, J.C.J., and Deng, H. "The Role of Culture in Information Technology Self-Efficacy and Performance: An Empirical Study" under review at Information & Management.

Vaezi, R., Chang, J.C.J. "Predictors of reciprocity norm in online communities: Case of weblog users" revising for resubmission to Journal of Information Science and Technology.

Dhillon, G., Torkzadeh, G., and Chang, J.C.J. "Strategy Planning for IS Security using Value-Focused Approach"

Li, C.Y., and Chang, J.C.J. "Curvilinear Relationship between Knowledge Stickiness and Knowledge Transfer Success: Antecedents and the Moderating Roles of Organizational and Relational Competencies"

HONORS AND AWARDS

1. Ranked 59 and 69 on the top 100 IS researchers list based on publications in AIS 6 journals in a 5-year period for 2003-2008 and 2004-2009, respectively. (http://www.vvenkatesh.com/ISranking/RankingsAIS6byAut.asp?RYear=5)
2. Summer Research Award, 2011.
3. Summer Research Award, 2006.
4. Participant of ICIS 1999 Doctoral Consortium.
5. Institute of International Competitiveness Research Grant, 1995.
6. Graduate Student Assistant Award, 1996-1997.

SERVICE ACTIVITIES

University Service

Steering Committee Member, IT Master Plan Task Force. (Fall 2012 - Present).
Director of Digital Measures. (Spring 2010 – present).

College Service

Committee Member, Dean Search committee. (February 2012 - Present).
Committee Member, International Business Advisory. (August 1, 2008 - Present).
Committee Member, Undergraduate Curriculum Committee. (August 1, 2007 - Present).
Committee Member, AACSB Undergraduate Assessment Committee. (October 1, 2011 - Spring 2012).
Committee Member, Graduate Research Committee. (August 1, 2010 - Spring 2012).
Committee Member, Ad Hoc Undergraduate Assessment Committee. (November 5, 2008 - December 31, 2009).
Committee Member, Teaching Evaluation Committee. (September 1, 2008 - December 31, 2008).

Department Service

    Committee Chair, MET Governance Committee. (Fall 2012 - Present).
    Committee Member, By-Law Committee. (Fall 2012 – Spring 2013).
    Committee Member, MET Undergraduate Curriculum Committee. (Fall 2012 - Present).
    Undergraduate MIS Internship Coordinator. (Fall 2012 - Present).
    Graduate MIS Internship Coordinator. (Fall 2012 - Present).
    Committee Member, MET Department Chair search committee. (January 2012 - May 2012).
    Committee Chair, MIS Undergraduate Curriculum Committee. (Fall 2006 - Spring 2012).
    Committee Chair, MIS Governance Committee. (Fall 2009 - Spring 2012).
    MIS Program Assessment Coordinator. (Fall 2006 - Present).
    MIS Undergraduate Internship Coordinator. (2009 - 2012).
    Committee Member, MIS Annual Evaluation. (Fall, 2003 – Spring 2005, Fall, 2010 - Spring 2012).
    MIS Research Seminar Coordinator. (Fall 2002 – Spring 2007).

Professional Service

    VP – Research Enhancement, ICISA. (2011 - Present).
    Program Organizer, ISOneWorld Conference, Las Vegas, NV. (Fall 2010 - Present).
    Committee Member, COMMON Certification Program. (2009 - Present).
    Editor, Senior Editor, Journal of Information Technology Theory and Application. (2006 - Present).
    Local Coordinator, International Conference on the Pacific Rim Management, Las Vegas, NV. (Fall 2006 – Summer 2007; Fall 2012 - Summer 2013).
    Track Chair, International Conference on the Pacific Rim Management, Rosemead, CA. (July 12, 2012 - July 14, 2012).
    Editor-in-Chief, Communications of ICISA. (2010 - 2011).
    Committee Member, COMMON Certification Program Task Force. (2008 - 2009).
    Editor, Associate Editor, European Conference on Information Systems, Verona. (Fall 2008 - Summer 2009).
    Committee Member, ICIS Executive committee. (2004 - 2006).
    Officer, Treasurer, 2005 International Conference of Information Systems, Las Vegas, NV. (Fall 2003 - Fall 2005).
    Ad-hoc reviewer for MIS Quarterly, Management Science, Journal of Management information Systems, Information Systems Research, European Journal of Information Systems, Decision Sciences, OMEGA, Structural Equation Modeling journal, Journal of Strategic Information Systems, Information & Management, DATABASE, International Journal of Human-Computer Studies, Behaviour and Information Technology, Information Systems Frontier, Electronic Commerce Research and Applications, Communications of AIS, International Journal of Information Management, International Conference on Information Systems, European Conference on Information Systems, Americas Conference on Information Systems, Pacific Asia Conference on Information Systems, International Conference on the Pacific Rim Management.

AFFILATIONS

Member of Association for Information Systems.
Member of COMMON.