

## Mohan Tanniru

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### Education

- 1975-78 \_\_\_ Ph.D. in MIS, Northwestern University, Evanston, Illinois
- 1972-75 \_\_\_ MBA in Production and Operations Management, U. of WI- Oshkosh, Wisconsin
- 1970-72 \_\_\_ MS in Electrical Engineering with Control Systems and Computer Logic, U. of WI- Milwaukee, Wisconsin
- 1964-69 \_\_\_ BS in Electrical Engineering, Regional Engineering College, Warangal, Andhra Pradesh, India.

### Teaching and Doctoral Student Mentoring

- **2018-current:** Senior Investigator, Henry Ford Health Systems, Detroit, MI
  - Research in health care strategy, informatics and global health
- **2013- 2018:** Professor Emeritus MIS, School of Business, Oakland University, Rochester, MI 48309
  - Taught: MIS Capstone; Digital Leadership; Introduction to MIS; EMBA: Advanced Topics
- **2007-2013:** Dean of School of Business, Oakland University, Rochester, MI 48309
- **2003-2007:** Professor of MIS and MIS Dept, Head University of Arizona, Eller College of Management
  - Taught: MIS Strategy, IT Management, Systems Analysis and Strategic MIS (MBA Course)
- **1997-2002:** Professor in MIS; Director of Applied Technology in Business Program Co-director, Center for Entrepreneurship in Information Technology, School of Business, Oakland University, Rochester MI 48309
  - Taught: Business IT Foundations, IT Project Management & Business Process Innovation
- **1982-1996:** Associate Professor in MIS, Syracuse University, Syracuse, New York, 13244
  - Taught: Structured Systems Analysis and Design, Decision Support Systems, MIS concepts, MIS Synthesis, MIS Ph.D. Seminar and Expert Systems.
- **1978-1982:** Assistant Professor in MIS, University of Wisconsin Madison, Madison, WI
  - Taught: Systems Analysis and Design, Computers in Business, Decision Support Systems, and Seminar in MIS (under-graduate and graduate).

- **MIS Ph.D. Student Thesis Advising:** Committee chair for 9 Ph.D. students and a committee member for 6 others at SU; Committee chair of 2 doctoral students and committee member for 9 students at U of Arizona

## Journal Publications

- Tanniru. M., J. Khuntia, and J. Weiner, Hospital Leadership in Support of Digital Transformation (2018), Forthcoming in *Pacific Asia Journal of Association of Information Systems, (PAJAIS)*
- Fowler, B.L. J. Johns, M.R. Tanniru, V. Balijepally, Y.F. Roumani, D. Bobryk, K. Mitchell, (2018), “Engaging patients through Multi-Disciplinary Rounding – The case study at a Michigan hospital,” *J. of Hospital Administration*, Vol. 7, No.5, 17-26.
- Prentiss, T., J. Zervos, M. Tanniru and J. Tan, (2018), Community Health Workers (CHWs) as Innovators: Methods & Results from a Tele-Education Pilot for CHWs in Detroit, Michigan. *International J. of Health Information Systems and Informatics*, 13 (1), 15-28.
- Khuntia, J., M. Tanniru and J. Weiner. (2017). Dimensions of Patient Experience and Overall Satisfaction in Emergency Units, *Journal of Patient Satisfaction, SAGE Publications*, 4(3), 95-100
- Khuntia, J., Yim, D., Tanniru, M., and Lim, S, (2016). Patient Empowerment and Engagement with a Health Infomediary, *Health Policy and Technology, Elsevier*, 6(2017), 40-50.
- Roumani, Y. F., Roumani, Y., Nwankpa, J. K., Tanniru, M. (2018). Classifying Readmissions to a Cardiac Intensive Care Unit. *Annals Of Operations Research*, 263(1-2), 429-451.
- Mazzola, D., R. St Louis, M. Tanniru,” The Path to the Top: Insights from Career Histories of Top CIOs,” *Communications of the ACM*, 2017, Vol. 60, No.3, 60-68.
- Weiner, J., Tanniru, M., Khuntia, J., Bobryk, D., Naik, M., Page, K.L (2016), Digital Leadership in Action in a Hospital through a Real Time Dashboard System Implementation and Experience, *Journal of Hospital Administration*, 5(4), 34-43.
- Khuntia, J., M. Tanniru, F. Fragoli, and M. Nawrocki, (2016), "Mindfulness Differences in Hospital Unit Operations: Analysis of Response to Nurse Call Systems," *Pacific Asia Journal of Association of Information Systems, (PAJAIS)*, 8(1), 33-6
- Weiner, J., V. Balijepally and M. Tanniru, (2015) "Integrating Strategic to Operational Decision-Making using Data-Driven Dashboard Implementation: The Case of St. Joseph Mercy Oakland Hospital," *Journal of Healthcare Management*, Vol. 60, No 5, Sept/Oct. pp: 319-331.
- Khuntia J., M. Tanniru and J. Weiner, (2015) "Juggling Digitization and Technostress: The Case of Alert Fatigues due to Intelligent Care System Implementation at a Hospital," *Healthcare Policy and Technology*, 4, 364-377.
- Varanasi, O. M. Tanniru, (2015) "Seeking Intelligence from Patient Experience using Text Mining - Analysis of Emergency Department Data," *Information Systems Management*, 32:1-9.
- Khuntia, J, M. Tanniru and J. Zervos, (2015) "Extending Care Outside of the Hospital Walls: A Case of Value Creation through Synchronous Video Communication for Knowledge Exchange in Community Health Network," *International Journal of E-Business Research*, April-June, Vol.11, No. 2.
- Khuntia J, Karimi J, Tanniru M, Meyers A. (2014). The University of Colorado Digital Health Consortium Initiative: A Collaborative Model of Education, Research and Service. *Journal of Commercial Biotechnology*, 20 (3): 31-37.
- Park, Y., Tanniru, M and Khuntia, J. (2014) "Designing a Social Media Platform in Support of Knowledge Sharing for Health Care with Synchronous Video Communication," *American Journal of Information Technology (AJIT)*, 4(1), 51-63.

- R. Lusch, Vargo S. and M. Tanniru, "Service, Value Networks and Learning: Converging Marketing and SCM on Service-Dominant Logic," *Journal of Academy of Marketing Science*, 29, January 2009.
- K. Fadel, Brown, S. and M. Tanniru, "A Theoretical Framework for Knowledge Transfer in Process Redesign," *Data Base*, Vol.39, No.3, 2008.
- L. Zhao, C. Hsu, H. Jain, J. Spohrer, M. Tanniru and H. Wang, "Panel Report: Bridging Service Computing and Service Management: How MIS Contributes to Service Science Orientation," *Communication of the AIS*, 2008, Vol. 22, Article, 22, pp: 413-428
- M. Tanniru, "A Framework for Supporting Decisions in a Global Context – The Case of a Global DSS (gDSS) for financial planning," in *DSS Handbook 2*, eds. F. Burstein and C. Holsapple, 2008, Chapter 48, pp:239-260, Springer-Verlag.
- Sugumaran, V., Storey, V and M. Tanniru, "A Knowledge-Based Framework for Extracting Components in Agile Systems Development," *Information Technology and Management Special Issue on Architecture & Design for Application Agility*, 2008, Vol.9, 37-53
- Rajagopalan, B., M. Tanniru, D. Doane and K. York, "Enablers and Enterprise Systems Training Success- an Exploratory Investigation," *International Journal of Information Systems*, 2007, Vol. 2, No.3, 250-265.
- Mukherji, N., Rajagopalan, B., M. Tanniru, "A Decision Support System Model for Optimal Timing of Upgrades in Investment in Information Technology Upgrades", *Decision Support Systems*, Vol.42, Issue, 3, Dec. 2006, 1684-1696.
- Madhusudan, T and M. Tanniru, "Knowledge Partitioning - A Strategic Approach to Product Lifecycle Management," 2005, *International Journal of Product Development*, Vol.2, Nos1/2, pp:85-104.
- E. Peacock and M. Tanniru, "Activity-Based Justification for IT Investments", *Information & Management*, 2005, Vol. 42 pp.415-424.
- H. Aigbedo and M. Tanniru, *Electronic Markets in Support of Procurement Processes Along the Automotive Supply Chain*, *Journal of Production Planning and Control*, 2004, Vol.15, No.4, October, 688-695.
- M. Tanniru and R. Agarwal, *ATiB Program An Industry-Academia Partnership to Support Student Learning*, *e-Service journal* - <http://www.e-sj.org/>, 2002.
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- K. Mathieson, M. Bhargava and M. Tanniru, *Web-Based Consumer Decision Tools: Motivations and Constraints*, *Electronic Markets*, 2000, Vol. 9, No.4, 274-277.
- V. Sugumaran, M. Tanniru and V. Storey, *A Domain Model for Supporting Reuse in Systems Analysis*, *Communications of ACM*, November 2000, Vol. 43, No. 11es.
- R. Agarwal, J. Prasad, M. Tanniru and J. Lynch, *Rapid Application Development: Are we Subverting Good Software Construction Practices*, *Communications of ACM*, November 2000, Vol. 43, No. 11es, pp: 83-90,
- R. Agarwal, P. De, A. Sinha and M. Tanniru, *On the Usability of Object-Oriented Representations*, *Communications of ACM*, October 2000, Vol.43, No.10.
- S. Nambisan, R. Agarwal, M. Tanniru *Organizational Mechanisms for Enhancing Users' Propensity to Innovate in Information Technology*, *MIS Quarterly*, 1999, Vol. 23, No.3, Sept. 365-395.

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- R. Agarwal, G. Krudys and M. Tanniru, Infusing Learning into an Information Systems Organization, *European Journal of Information Systems*, 1997, Vol. 6, 25:40.
- D. Ghosh and M. Tanniru, Generating and Evaluating Process Redesign Options: A Network Modeling Approach, *Annals of Operations Research*, 1997.
- R. Agarwal, M. Tanniru, and D. Wilemon, Assimilating Information Technology Innovations: Strategies and Moderating Influences, *IEEE Transactions in Engineering Management*, 1997, Vol. 44, No.4, 347:358.
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- R. Agarwal, M. Tanniru and M. DaCruz, Knowledge Based Support for Combining Quantitative and Qualitative Judgments in Resource Allocation Decisions, *Journal of MIS*, Summer, 1992, Vol.9, No.1, 165-184.
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- T. Murray and M. Tanniru, Control of Inconsistency and Redundancy in Prolog type Knowledge bases, *Expert Systems with Applications*, 1991, Vol.2, 321 331.
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- R. Agarwal, M. Tanniru and R. Linck, Knowledge Base Maintenance, *Expert Systems: Planning, Implementation and Integration*, 1991 Summer, Vol.3, No.2, 6 14.
- B. Fazlollahi and M. Tanniru, Selecting a Requirement Determination Methodology Contingency Approach Revisited, *Information and Management*, 1991, Vol.21, 291 303.
- R. Agarwal and M. Tanniru, Knowledge Extraction Using Content Analysis, *Knowledge Acquisition*, 1991, Vol.3, 421 441.
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- E. Stohr and M. Tanniru, A Data Base for Operations Research Models, Policy Analysis and Information Systems, Winter 1980, Vol.4, No.1, 105.
- J. Blin, E. Stohr and M. Tanniru, A Structure for Computer Aided Corporate Planning, *Policy Analysis and Information Systems*, June 1979, Vol.3, No.1, 111 140.

## **Other Research**

### **Editor of Special Issues**

- Co-edited with Dr. T.P. Liang an issue of *JMIS* on Customer-centric IS, Volume 23, No.3, Winter 2006/7.

- Co-editor with Dr. J. Leon Zhao and Dr. Liang-Jie Zhang, IBM Research, of a special issue on "From Web Services to Services Computing: Technologies and Applications," Information Systems Frontier, Vol.9, No.1, March 2007.

#### **Articles published in a book**

- Mr. Henry Aigbedo and M. Tanniru, "Electronic Markets in Support of Procurement Processes along the Automotive Supply Chain," will be included in a text book, titled "Value-Based Management of Japanese Companies," co-edited by Yasuhiro Monden, Kanji Miyamoto, Kazuki Hamada, Gunyung Lee and Takayuki Asada, to be published by World Science Publishing Inc., in 2005
- R. Solak, M. Schrauben, and M Tanniru, Mobile commerce in Automotive Industry, in Readings in M-Commerce, edited by B. Menneckin and T. Stadler, 2002.
- M. Tanniru, Managing Information Technology: A Resource Enhancement Perspective, Encyclopedia of Computer Science and Technology, 1996, Vol.34, supplement 19.
- R. Agarwal, M. Tanniru and R. Linck, Knowledge Base Maintenance,, Handbook of Systems Management Development and Support, Auerbach Publications, 1992.
- R. Agarwal and M. Tanniru, Organizational Management of Expert Systems Development, Expert Systems for Management and Engineering, Ellis Horwood Ltd., United Kingdom, Nov. 90.