

Mohan Tanniru

Contact Information

Email: mtanniru@emai.arizona.edu or tanniru@oakland.edu

Phone: 520-405-6845

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.

Affiliation, Teaching and Doctoral Student Mentoring

- **2019- current** – Adjunct Professor, Division of Public Health Practice and Translational Research and Fulbright Scholar, 2022 Fall
Mel and Enid Zuckerman, College of Public Health, U of Arizona
- **2018-current:** Senior Investigator, Henry Ford Health Systems, Detroit, MI
- **2013- 2018:** Professor, MIS, School of Business, Oakland University, Rochester, MI 48309
- **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
- **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
- **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.R.; Woo, C.; Dutta, K. A (2023) Conceptual Model to Share Resources and Align Goals: Building Blockchain Application to Support Care Continuity Outside a Hospital. *J. Risk Financial Manag.* **2023**, *16*, 247. <https://doi.org/10.3390/jrfm16040247>

- Jiban Khuntia, Terence Saldanha, Abhishek Kathuria & Mohan Rao Tanniru (2022) Digital service flexibility: a conceptual framework and roadmap for digital business transformation, *European Journal of Information Systems* [10.1080/0960085X.2022.2115410](https://doi.org/10.1080/0960085X.2022.2115410)
- Saini, V., **M. Tanniru**, TP Liang, E. Yoder, Y. Yang, E-Relationship Through a Value Lens—Implications for Organizational Capability, *e-Service Journal*, Volume 14, Number 1, Fall 2022, pp. 1-31
- Tanniru, Mohan R., Nimit Agarwal, Amanda Sokan, and Salim Hariri (2021) An Agile Digital Platform to Support Population Health—A Case Study of a Digital Platform to Support Patients with Delirium Using IoT, NLP, and AI, *International Journal of Environmental Research and Public Health* 18, no. 11: 5686. <https://doi.org/10.3390/ijerph18115686>
- Tanniru, M. (2020) Transforming Public Health Using Value Lens and Extended Partner Networks, Forthcoming in *Learning Health Systems Journal*
- Scott K. Olehnik, Joseph A. Sanford, Obhijit D. Hazarika, Aniruddha Bhattacharyya, Mohan R. Tanniru, Mitchell H. Tsai, Stephen J. Kimatian, (2021) Fractals, fano planes, and perioperative teams: A narrative review, *Perioperative Care and Operating Room Management*, Volume 24, 100186, ISSN 2405-6030,
- Jesús Peral, Eduardo Gallego, David Gil, **Mohan Tanniru**, Prashant Khambekar, 2020. [Using Visualization to Build Transparency in a Healthcare Blockchain Application](#), *Sustainability*, MDPI, Open Access Journal, vol. 12(17), pages 1-20, August.
- Tanniru, Mohan Rao and Robert Tanniru (2020) Designing and Adapting Services to Create Value Outside a Hospital Using Blockchain Architecture: Care Delivery in Patient Ecosystem, *IJRDIS* vol.2, no.1, pp.44-67.
- Tsai, M.H., S.J. Kimatian, J.R. Duguay, M.R. Tanniru, E. Sarraf, M.E. Hudson, 2020, Rethinking Operating Room Management: Why Clinical Directors Should Embrace Complexity, Forthcoming in *Anesthesia & Analgesia*
- Plum, A., M. Tanniru and J. Khuntia, 2020, An Innovation Platform for Diffusing Public Health Practices across a Global Network, *Health Policy and Technology*, Feb, <https://doi.org/10.1016/j.hlpt.2020.02.008>
- S. Lim, D. Yim, J. Khuntia and M. Tanniru, 2020, A Continuous-Time Markov Chain Model-based Business Analytics Approach for Estimating Patient Transition States in an Online Health Infomediary, *Decision Sciences*, Vol. 51, Issue 1, February, 181-208.
- Roumani Y., J.K. Nwankpa, and M. Tanniru. 2020, Predicting Firm Failure in the Software Industry, *Artificial Intelligence Review*, November, <https://doi.org/10.1007/s10462-019-09789-2>
- XinWen, G., M. Jian, M. Hu, M. Tanniru, S. Li, 2019, Faster Multi-Defect Detection System in Shield Tunnel Using Combination of FCN and Faster RCNN, *Advances in Structural Engineering*, Vol 22, Issue 13.
- Tanniru M. 2019. Engagement leading to empowerment - Digital Innovation Strategies for Patient Care Continuity, *J Hosp Management and Health Policy*. 3:28, October.
- Tanniru, M. J. Jones, S. Kazziha and M. Hornberger, 2019, Strategies to Address Care Transition - A Methodology and a Case Study, *Journal of Hospital Administration*, Vol 8, No.3.
- Tanniru. M., J. Khuntia, and J. Weiner, 2018, Hospital Leadership in Support of Digital Transformation, *Pacific Asia Journal of Association of Information Systems, (PAJAIS)*, Vol 10, Issue 3
- 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
- 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.
- 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.
- 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, 2009, "Service, Value Networks and Learning: Converging Marketing and SCM on Service-Dominant Logic," *Journal of Academy of Marketing Science, 29, January*.
- 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.
- L. Thomas W. and Tanniru, Mohan, "Knowledge Management Audit A Methodology and Case Study," *Australian Journal of Information Systems (Special Issue on Knowledge Management)*, 2001, 23 41.
- 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.
- D. Cardarelli, R. Agarwal, M. Tanniru, *Reengineering: Some Organizational Considerations*, *Journal of Information Systems Management*, 1997.
- 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.
- K. Smith, S. Nambisan and M. Tanniru, *Organizational Learning and Resource-Based Theory: An Integrative Model*, *Journal of Organizational Change Management*, 1996, Vol. 9, No.6, 44:53
- R. Agarwal, A. Sinha and M. Tanniru, *The Role of Prior Experience and Task Characteristics in Object-Oriented Modeling: An Empirical Study*, *Intl. Journal of Human-Computer Studies*, 1996, 45, 639:667.

- R. Agarwal, A. Sinha and M. Tanniru, Cognitive Fit in Requirement Modeling: A Study of Object and Process Methodologies, *Journal of MIS*, fall, 1996, Vol. 13, No.2.
- R. Agarwal and M. Tanniru, Migration from Process to Object Model - A Network Based Approach", *MIS Review*, 1996, Vol.1, No.6 (published by National Chengchi University, Taipei, Taiwan).
- M. Benaroch and M. Tanniru, Conceptualizing Structurable Tasks in the Development of Knowledge Based Systems, *Decision Sciences*, 1996, Vol. 27, No.3.
- R. Agarwal, M. Tanniru, and Y. Zhang, Knowledge Based Model Validation Support for End User Computing Environments, *Decision Support Systems*, 1995, Vol.15, 1-18.
- D. Ghosh, J. Pruitt and M. Tanniru, Modeling and Simulation of IS for Performance Evaluation during Systems Analysis, *Systems Analysis Modeling and Simulation*, 1995.
- R. Agarwal, J. Heatley, and M. Tanniru, The Implementation and Evaluation of Innovative Technologies A Study of Carrier EXPERT, *Journal of Strategic Information Systems*, 1995, Vol.4, No.3.
- R. Agarwal, L. Roberge and M. Tanniru, MIS Planning: A Methodology for Systems Prioritization, *Information and Management*, 27, 1994, 261-274
- R. Agarwal, S. Brown and M. Tanniru, Assessing the Organizational Impact of Expert Systems The Experiences of a Small Firm, *Expert Systems with Applications*, 1994, Vol.7, No.2, pp.249-257.
- R. Agarwal and M. Tanniru, Assessing Organizational Impacts of Technology, *International Journal of Technology Management*, 1993, Vol. 6/7/8.
- R. Agarwal, R. Kannan and M. Tanniru, Formal Validation of a Knowledge Based System Using a Variation of the Turing Test", *Expert Systems with Applications*, 1993, Vol.6, pp.181-192.
- R. Agarwal, S. Sakthivel and M. Tanniru, Knowledge-Based Approach to Structural Integrity Verification in Requirement Analysis and Logical System Specifications, *Knowledge Based Systems*, 1993 Sept., Vol. 6, No.3.
- D. Gulati and M. Tanniru, A Model Based Approach to Investigate Improvements in Performance of Rule Based Systems, *Decision Sciences*, Jan./Feb.1993, Vol.24, No.1.
- R. Agarwal and M. Tanniru, A Structured Methodology for developing Production Systems, *Decision Support Systems*, 1992, Vol.8, 483-499.
- R. Agarwal and M. Tanniru, A Petri Net Based Approach for Verifying the Integrity of Production Systems, *International Journal of Man Machine Studies*, 1992, Vol.36, 447 468.
- R. Agarwal, R. Kannan and M. Tanniru, Knowledge Based Support for the Design of Information System Controls, *The Journal of Accounting Systems*, Fall 1992, Vol.2.
- 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.
- C. Higgins, R. Agarwal and M. Tanniru, Technology Diffusion in a Centralized MIS Environment Experiences at Carrier, *Information and Management*, 1991, Vol. 20, 61 70.
- T. Murray and M. Tanniru, Control of Inconsistency and Redundancy in Prolog type Knowledge bases, *Expert Systems with Applications*, 1991, Vol.2, 321 331.
- H. Jain, M. Tanniru and B. Fazollahi, MCDM Approach for Generating and Evaluating Alternatives in Requirement Analysis, *Information Systems Research*, 1991, Vol.2, No.3, 223 239.

- 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.
- R. Agarwal and M. Tanniru, System Development Life Cycle for Expert Systems, Knowledge Based Systems, Sept. 1990, Vol.3, No.3, 170 180.
- R. Agarwal and M. Tanniru, Knowledge Acquisition Using Structured Interviewing: An Empirical Investigation, Journal of MIS, summer 1990, Vol.7, No.1, 123 140.
- M. Tanniru and H. Jain, Knowledge Based GDSS to Support Reciprocally Interdependent Decisions, Decision Support Systems, 5, 1989, 287 301.
- S. Sakthivel and M. Tanniru, Information System Verification and Validation during Requirement Analysis using Petri Nets, Journal of MIS, Winter 88 89, Vol.5, No.3, 33 51.
- T. Murray and M. Tanniru, Selection between Knowledge Based and Traditional Approach to System Design, Journal of MIS, summer 1987, Vol.5, No.1, 42 58.
- M. Tanniru, Cost and Benefit Analysis for Computer Automation, The Management Review Loyola College in Maryland, Fall 1984, Vol.1, No.3, 21 27.
- 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.

Editor of Special Issues

- Special issue, 2022, Client Centric View of Population Health in the Digital Age – Making Healthcare Personal, **Frontiers in Public Health**, co-editors: **Mohan Tanniru**, Anupam Sule, Asha Shajahan, <https://www.frontiersin.org/research-topics/22006/client-centric-view-of-population-health-in-the-digital-age---making-healthcare-personal>
- Special Issue, 2021, Applications of Internet of Things (IoT): Challenges and Opportunities, **Sustainability**, co-editors Prof David Gil, Jesus Peral and **Mohan Tanniru**
- 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

Chapters Forthcoming in Books in 2019-2020 (Books in italics and title/authors indented)

- Tanniru, M., Digital Leadership and Community Strategies to Transform Population Health, Forthcoming in Research Handbook on Leadership in Healthcare, editors: Naomi Chambers, 2023.

- **Tanniru M.**, Niu J., Feng C., Duque C.G., Lu C., Krishnan H. (2021) Incentives to Engage Blockchain and Ecosystem Actors. In: Lemieux V.L., Feng C. (eds) Building Decentralized Trust. Springer, Cham. https://doi.org/10.1007/978-3-030-54414-0_3
- **Tanniru, M.**, Weiner, J. & Garfield M. (2021), St. Joseph Mercy Oakland (SJMO): Digital Leadership in Health Care: Case 3 (Part V) or Chapter 18 In *Joseph Tan with Phillip Olla & Joshia Tan (eds)* Adaptive Health Management Information Systems: Concepts, Cases, and Practical Applications, Fourth Edition, Jones & Bartlett Learning, Burlington, MA, 2021: 413-424.
- Jones, J.S., Kazzuha, S. & **Tanniru, M.** (2021), Physician Intervention in Reducing Readmissions & Telehealth Solution." Minicase (Part III) In *Joseph Tan with Phillip Olla & Joshia Tan (eds)* Adaptive Health Management Information Systems: Concepts, Cases, and Practical Applications, Fourth Edition, Jones & Bartlett Learning, Burlington, MA, 2021: 282-287.
- **Tanniru, M.** and J. Peral (2021), Digital Leadership in Education, in Effective Leadership for Overcoming ICT Challenges in Higher Education: What Faculty, Staff and Administrators Can Do to Thrive Amidst the Chaos, 73–91, 2021, Emerald Publishing Limited
- **Tanniru M.** (2020), Business Intelligence Enabling Digital Health Strategies, in Theory and Practice of Business Intelligence in Healthcare, Khuntia J, Ning X, Tanniru M (editors), Edition, IGI Global, Hershey, PA, USA, 68-87.
- **Tanniru M.**, M. Nawracki, D. Bobryk, and Sule, A. A, (2020) Data to Analytics to Insight – Role of rtDashboard at St Joseph Mercy Health in Theory and Practice of Business Intelligence in Healthcare, Khuntia J, Ning X, Tanniru M (editors), Edition, IGI Global, Hershey, PA, USA, 133-150.
- **Tanniru M.** and M. Martz (2020), An Analysis of Health Intermediary and a Proposal to Sustain Public-Private Partnership- The Case of the Arizona Smokers' Helpline (ASHLine) in Theory and Practice of Business Intelligence in Healthcare, Khuntia J, Ning X, Tanniru M (editors), Edition, IGI Global, Hershey, PA, USA, 185-199.
- **Tanniru, Mohan**, (2020), Optimization of Provider Ecosystem Through Actor-Resource Integration in *Handbook of Research on Optimizing Healthcare Management Techniques*, edited by Nilmini Wickramasinghe, IGI Global, 2020, pp. 103-115. <http://doi:10.4018/978-1-7998-1371-2.ch007>
- **Tanniru, Mohan Rao**, Y. Xi., K, Sandhu (2020) Leadership to Advance Innovation for Digital Healthcare Transformation in *Leadership, Management, and Adoption Techniques for Digital Service Innovation*, edited by Kamaljeet Sandhu, IGI Global, 2020, pp. 1-24. <http://doi:10.4018/978-1-7998-2799-3.ch001>

Chapters published prior to 2019

- Boggs S.D, M.H. Tsai, M. Tanniru, 2017, "Will operating rooms run more efficiently when anesthesiologists get involved in management?" In the book titled, "You're Wrong, I'm Right: Dueling Authors Reexamine Classic Teachings in Anesthesia," edited by Corey Scher, Anna Clebone, Sanford Miller, and David Roccaforte, Springer
- *Value-Based Management of Japanese Companies*," co-edited by Yasuhiro Monden, Kanji Miyamoto, Kazuki Hamada, Gunyung Lee and Takayuki Asada, published by World Science Publishing Inc., in 2005
 - Electronic Markets in Support of Procurement Processes along the Automotive Supply Chain, Mr. Henry Aigbedo and M. Tanniru,
- *Readings in M-Commerce*, edited by B. Menneckin and T. Stadler, 2002.
 - Mobile commerce in Automotive Industry, R. Solak, M. Schrauben, and M Tanniru,

- *Encyclopedia of Computer Science and Technology*, 1996, Vol.34, supplement 19.
 - Managing Information Technology: A Resource Enhancement Perspective, M. Tanniru
- *Handbook of Systems Management Development and Support*, Auerbach Publications, 1992
 - Knowledge Base Maintenance, R. Agarwal, M. Tanniru and R. Linck
- *Expert Systems for Management and Engineering*, Ellis Horwood Ltd., United Kingdom, Nov. 90.
 - Organizational Management of Expert Systems Development, R. Agarwal and M. Tanniru

Funding Activities

- **Fulbright Scholar**, 2022 Fall, Research on Indigenous Health, Lakehead University, Thunder Bay, CA
- **Project consultant** on a two-year grant (21-23) to Project Healthy Community from Michigan Health Endowment Fund, **Project title:** *Organizational Synergies Advancing Community Health* (\$100K)
- **Technology coordinator** on a one-year grant (2019-20) to Global Health Initiative of Henry Ford Health System from Pfizer Foundation 2019 Global Health Innovation Grant; **Project title:** *Developing The Global Learning in Antimicrobial Resistance (GLAMR) Platform* (\$100K)

2014-2015 Prof of MIS, Oakland University

- \$40K Worked as a researcher to assess the impact of Advanced Digitization on Organizational Process and Patient Satisfaction at St Joseph Mercy Health System in Pontiac, MI

2007-2013 Dean, School of Business, Oakland University, Rochester, MI

- \$500K Community engagement through student projects – CIBRE program, supported by alumni and funding organizations

2002-2007 Dept Head of the MIS Program at U of Arizona, Eller College of Management

- \$1M Project based education to support innovative use of IT – Arizona IT Innovation Program and IT Industry Research Council – supported by major industry in Tucson, Phoenix, CA and Michigan, including a \$200K from SAP to support research in RFID IBM SUR Grant

1997-2007 Director of Applied Technology Program

- \$2M Applied Technology in Business Program to Educate and Train students through corporate sponsorship of over 40 companies in Michigan
- \$450K from Michigan Economic Development Association and Oakland University for establishing a center for entrepreneurship in information technology