Santosh S. Venkatraman, Ph.D.
Professor
Business Information Systems
College of Business
svenkatraman@tnstate.edu

Academic Background
Ph.D. Texas A&M University,.
M.S. Texas A&M University.
B.Tech Indian Institute of Technology (IIT).

Memberships
Allied Academies, 2013
Decision Sciences Insitute, 2013
Association of Global Business, 2011

WORK EXPERIENCE:
Academic Experience
Professor of Business Information Systems (tenured), College of Business, Tennessee State University (August, 2002 - Present), Nashville, Tennessee.
Associate Professor of Computer Information Systems (Tenured), University of Arkansas (August, 1998 - August, 2002), Little Rock, Arkansas.
Assistant Professor Of Business Computer Science, New Mexico State University (August, 1995 - August, 1998), Las Cruces, New Mexico.
Assistant Professor Of Computer Information Systems, University of Lousiana (January, 1991 - August, 1995), Monroe, Louisiana.
Lecturer, Business Analysis and Research, Texas A&M University (January, 1985 - December, 1990), College Station, Texas.

TEACHING:
Courses Taught
Courses from the Teaching Schedule: Analysis, Design, and Implementation, Contemporary Information Technologies, Independent Research, Internship, Introduction to Relational Databases, Management Information Systems, Management and Evaluation of Information Systems, Microcomputer Applications

Courses taught, but not in the Schedule:
BISI 3230, Intro to MIS

Teaching-Other
Course (Existing) - Compensated Redesign.
2012 - Course (Existing) - Compensated Redesign.

Student Assign-Independent Studies.
2011 - 3 students. Student Assign-Independent Studies.

Student Collabor: Co-Author of Article/Chapter.
2012 - 1 student. Student Collabor: Co-Author of Article/Chapter.

INTELLECTUAL CONTRIBUTIONS:
Grid

Category	BDS	AIS	TLS	Total
Articles in Refereed Journals	22			22
Articles-in-Progress (All)	4			4
Publications in Refereed Conference Proceedings	54			54
Publications of Non-refereed or Invited Papers	3			3

Refereed Articles
Venkatraman, S. S. (in press, 2022). Artificial Intelligence In Healthcare: A Potential Game Changer. Global Journal of Business Disciplines (GJBD).
Miah, M., Miah, S., & Venkatraman, S. (2021). BLOCKCHAIN: At a Glance Idea for Information Science Researchers. Journal of Information and Optimization Sciences., doi: https://doi.org/10.1080/02522667.2021.1930644.
Venkatraman, S. S. (2020). The Immense Potential Of Big Data. Global Journal of Business Disciplines (GJBD), 4 (1), 21-35.
Venkatraman, S. S. (2017). Social Media Marketing. Global Journal of Business Disciplines (GJBD), 1 (2).
Venkatraman, S. S., & Henry, R. (2015). Big Data Analytics - The Next Big Learning Opportunity. JOURNAL OF MANAGEMENT INFORMATION AND DECISION SCIENCES, 18 (2).
Venkatraman, S. S., & Henry, R. (2013). The Imperative To Teach Students Social Media Skills. Review of Higher Education and Self-Learning.
Venkatraman, S. S. (2012). Virtualization Technology: Ticket to Lower IT Budgets and Greater Business Benefits. Journal of Business and Economic Perspectives, XXXIX (2).
Venkatraman, S. S. (2011). The Dark Green Side of Information Technology. International Journal of Business.
Venkatraman, S. S. (2008). Outsourcing- A Great Global Opportunity. Journal of Business and Economic Perspectives, XXXIV (1).
Venkatraman, S. S. (2004). Web Services- The Next Evolutionary Stage of E- Business. Journal of International Technology and Information Management, 13 (2), 111-122.
Venkatraman, S. S. (2003). E-Commerce : Electronic Payment Requirements and Issues. Journal of International Technology and Information Management, 12 (2).
Venkatraman, S. S. (2002). Enhancing Organizatonal Performance via Electronic Customer Relationship Management. Journal of International Technology and Information Management, 10 (2), 25-36.
Venkatraman, S. S. (2000). Extranets: The Modern Tool to Leap Across Organizational Boundaries. Journal of Computer Information Systems, 7 (4), 101-107.
Venkatraman, S. S. (1999). Electronic Payment Methods for E-Commerce. Journal of Computer Information Systems, 6, 53-57.
Venkatraman, S. S. (1998). Business Process Reengineering and Supply Chain Managemnet Systems. Productivity A Quarterly Journal of the National Productivity Council.
Venkatraman, S. S. (1997). Computer Crimes : Taxonomy and Prevention Strategies. Journal of International Information Management.
Venkatraman, S. S. (1996). A Multidimensional Framework for Decision Support System Research and design. Journal of International Information Management.
Venkatraman, S. S. (1995). Formalization of an IS-A Based Extended Nested Relation Data Model. Information Systems Journal, 20 (1).
Venkatraman, S. S. (1994). Anytime, Anywhere- The Flexible Nteworking Environment Of Wireless LANs. Journal of Systems Management.
Venkatraman, S. S. (1994). Telecommuting: A New Business Workstyle. Journal of International Information Management.
Venkatraman, S. S. (1994). Wireless Local Area Nteworks- A Fad or an Office Productivity Tool? Delta Business Review.
Venkatraman, S. S., & Sen, A. (1992). Epistemological Aspects of Object Schemes. IEEE Network, 22 (2).
Venkatraman, S. S., & Choobineh, J. (1992). A Methodology and Tool for Derivation of Functional Dependencies. Information Systems Journal, 17 (3).

Refereed Proceedings
Full Paper.
Venkatraman, S. S. (in press, 2022). The Rise of Artificial Intelligence. Institute for Global Business Research International Conference.
Venkatraman, S. S. (2021). The Rise of Financial Technology and Its Potential. Institute for Global Business Research International Internet Conference, 5 (1).
Venkatraman, S. S., & Phillips, L. (2020). Robotics and AI in Business. Western Decision Sciences Institute (WDSI) Conference.
Venkatraman, S. S. (2018). Artificial Intelligence in Healthcare. Institute for Global Business Research (IGBR) International Conference.
Venkatraman, S. S. (2018). BUSINESS OF ARTIFICIAL INTELLIGENCE. 2018 Institute for Global Business Research (IGBR) International Conference.
Venkatraman, S. S. (2018). Artificial Intelligence in Business. Proceedings of the 2018 Western Decision Sciences Institute (WDSI) Conference, April 3 – 6, 2018.
Venkatraman, S. S. (2017). "Evolution of Social Media Networks, and Their Marketing Effectiveness. Western Decision Sciences Institute (WDSI) Conference.
Venkatraman, S. S. (in press, 2016). Social Media Marketing. 2016 Allied Academies International Conference.
Venkatraman, S. S. (2015). Sustainable Information Technology. Allied Academies International Conference.
Venkatraman, S. S., & Henry, R. (2015). Big Data In Business Education. 2015 Allied Academies Spring International Conference, Academy of Information and Management Sciences (AIMS), New Orleans, Louisiana, April 8-10, 2015.
Venkatraman, S. S. (2014). Big Data is a Big Deal. 2014 Allied Academies International Conference, Las Vegas, NV.
Venkatraman, S. S. (2014). Green Computing. 2014 Allied Academies International Conference, Academy of Information and Management Sciences (AIMS).
Venkatraman, S. S. (2012). Technology-Assist For Supply Chain Management. 2013 Allied Academies International Conference, New Orleans, Louisiana, March 27-29 2013.
Venkatraman, S. S., Klein, E., Davis, Z., & Hairston, A. (2012). Technological Enablers for Supply Chain Management. Proceedings of the 2012 Decision Sciences Institute 43rd Annual Conference, San Francisco, California, November 17-20, 2012, San Francisco, California:.
Venkatraman, S. S., & Henry, R. (2012). Enhancing Information Systems Education With Social Media Skills. Proceedings of the 2013 Allied Academies Conference, Oct 9-11 2013, San Antonio, Texas.
Venkatraman, S. S., & Brooks, A. M. (2012). Quest for Business Intelligence. Proceedings of the 2012 Northeast Decision Sciences Institute Annual Conference, Newport, RI , March 21-23, 2012.
Venkatraman, S. S. (2011). IT and Environmental Sustainability. Proceedings of the 2011 Allied Academies International Conference, Las Vegas, Nevada, October 12-14, 2011.
Venkatraman, S. S. (2011). Business and Social Media Technology. Proceedings of the 2011 Western Decision Sciences Institute 40th Conference, Portland, Oregon , April 5-8, 2011.
Venkatraman, S. S. (2010). Social Networking Technology As A Business Tool. Proceedings of the 2010 Allied Academies International Conference, Las Vegas, Nevada, October 13-15, 2010.
Venkatraman, S. S. (2010). Consolidation Of Servers For a Greener IT Department. Proceedings of the 2010 Allied Academies International Conference, Academy of Information and Management Sciences (AIMS), New Orleans, LA.
Venkatraman, S. S. (2009). Improving Business Efficiency Via Virtualization Technology. Proceedings of the 2009 Association for Global Business Twenty-First International Conference, Orlando, Florida, 21.
Venkatraman, S. S. (2009). Green Computing by Server Consolidation. 2009 Allied Academics International Conference, AIMS, New Orleans, LA.
Venkatraman, S. S. (2008). Environment and Information Technology. Proceedings of the 2008 Association for Global Business 20th International Conference, Newport Beach, CA.
Venkatraman, S. S. (2008). Computer Ecosystems- Impact on the Environment. Proceedings of the 2008 Western Decision Sciences Institute, 37th Annual Meeting, San Diego, CA.
Venkatraman, S. S. (2007). Outsourcing- Point of No Return. Proceedings of teh 2007 Allied Academics International Conference, AIMS, Reno, NV.
Venkatraman, S. S. (2007). Current State of IT Security In organizations. Proceedings of the 2007Allied Academics International Conference,AIMS, Reno, NV.
Venkatraman, S. S. (2007). Outsourcing- Point of No Return. Prceedings of the 2007 Allied Academics International Conference.
Venkatraman, S. S. (2006). Modern Supply Chain Management. Proceedings of teh 2006 Association for Global Business Eighteenth International Conference, Newport Beach, CA.
Venkatraman, S. S. (2006). Critical Factors in Supply Chain Management. Proceedings of the 2006 Allied Academies International Conference.
Venkatraman, S. S. (2005). New Approaches in Supply Chain Management. Proceedings of the 2005 Allied Academics Spring International Conference (AIMS), Las Vegas, NV.
Venkatraman, S. S. (2005). Embracing Information Technology Outsourcing. Proceedings of the 2005 Allied Academics Spring International Conference, AIMS,Memphis, TN.
Venkatraman, S. S. (2004). Offshore Information TEchnology Outsourcing- A wise Choice. Proceedings of the 2004 Allied Academics International Conference, (AIMS), Maui, Hawaii.
Venkatraman, S. S. (2004). Software as a Service. Proceedings of the 2004 Allied Academies Spring International Conference.
Venkatraman, S. S. (2003). Web Services- A Rapid Application Development Approach. Proceedings of the 2003 Allied Academics Fall INternational Conference, Academy of Strategic e-commerce (ASE), Las Vegas, Nevada.
Venkatraman, S. S., & Marquis, G. (2003). Object Class Hierchy Design. Proceedings of the 2003 Allied Academics Fall International Conference, Academy of strategic e-Commerce(ASE), Las Vegas, Nevada.
Venkatraman, S. S. (2003). Web services- The Next Big Leap in E-Commerce. Proceedings of the 2003 Allied Academics Spring International Conference, Academy of Strategic e-commerce (ASE), Tunica, Mississippi.
Venkatraman, S. S. (2002). Why Customer Relationship Management Systems Fail. Proceedings of the 2002 Allied Academics International Conference, Academy of Information and Management Sciences.
Venkatraman, S. S. (2002). Customer Relationship Management- Not just a Fad. 2002 Proceedings of the Southwest Decision Sciences Institute Conference, St. Louis, MO.
Venkatraman, S. S. (2001). Is Electronic Customer Relationship Management Truly Beneficial? Proceedings of the Decision Sciences Institute 32nd Annual Conference, San Francisco, California.
Venkatraman, S. S. (2001). Customer Relationship Management (CRM) - Much more than a Hype. Proceedings of the 2001 Allied Academics International Conference,Academy of information and management sciences, Nashcille, TN.
Venkatraman, S. S. (2000). Requirements and Elements of Data Warehouses. Proceedings of the Southwest Decision Sciences Institute Conference, San Antonio, Texas.

Venkatraman, S. S. (2000). Shattering Organizational Bariiers Using Extranets.   Proceedings of the Decision SCiences Institute 31st Annual Conference, Orlando, FL.
Venkatraman, S. S. (1999). Payment Options for Electronic Commerce.   Proceedings of the Decision Sciences Institute 30th Annual Conference, New Orleans, Louisiana.
Venkatraman, S. S. (1999). The Hi-Tech Approach to Supply Chain Management.   Proceedings of the 1999 Allied Academics National Conference, Academy of Information and Mannagement Sciences, Myrtle Beach, South Carolina.
Venkatraman, S. S. (1998). The Use Of Information Technology to Enhance Supply Chain Management.   Proceedings of the Decision Sciences Institute 29th Annual Conference, Las Vegas, Nevada.
Venkatraman, S. S., & Headrick, W. (1997). An Internet Classroom : Reengineering Learning.   Proceedings of the 28th Annual Conference of the Southwest Region Decision Sciences Institute, New Orleans, Louisiana.
Venkatraman, S. S. (1996). Group Decision Support Systems.   Proceedings of the Decision Sciences Institute 27th Annual Conference, Orlando, Fl.
Venkatraman, S. S. (1995). An Extended Framework for GDSS Research.   Proceedings of the Decision Sciences Institute 26th Annual Conference, Boston, MA.
Venkatraman, S. S., & Rettenmayer, J. (1994). Telecommuting: A strategy for the Future Office.   Proceedings of the 1994 ISECON,Louisville, Kentucky.
Venkatraman, S. S. (1993). Update Semantics in a Complex Object Management System management system.   Proccedings of the Decision Sciences Institute 24th Annual Conference,Washington, DC.
Venkatraman, S. S. (1993). Implementation Issues and a Software Architecture for Complex Object Management Systems.   Proceedings of the 24th Annual Conference of the Southwest Region Decision Sciences, New Orleans, Louisiana.
Venkatraman, S. S. (1992). Potential for Nested Relational Databases in New Business Applications.   Proceedings of the Decision Sciences Institute 23rd Annual Conference, San Francisco, California.
Venkatraman, S. S. (1992). NEXUS : A Data Model to Capture Complex Object Sematics.   Proceedings of the 23rd Annual Conference of the Southwest Region Decision Sciences Institute, San Antonio, Texas.
Venkatraman, S. S. (1991). The Effect of Required Return on Investment on the Quantity Discount Problem.   Proceedings of the Decision Sciences Institute 22nd Annual Conference, Miami Beach, Florida.
Venkatraman, S. S. (1990). A Framework for Complex Object Management.   Proceedings of the Decision Sciences Institute 21st Annual Conference, San Diego, CA.
Venkatraman, S. S., & Choobineh, J. (1989). A Methdology and Tool for Automated Derivation of Functional Dependencies.   22nd Hawaii International Conference on System Sciences (HICSS).

Non-Refereed Articles
Venkatraman, S. S. (1989). DSS: Is It Just an Alias for MIS.   Computer Personnel.

Non-Refereed Proceedings

Full Paper
Venkatraman, S. S. (2004). The Next Internet Killer Application.   The International Symposium of Globalization and Urbanization, Nashville, TN.
Venkatraman, S. S. (1997). Electronic Commerce in the Global Economy.   Proceedings of the Information REsources Management Association International Conference, Vancouver, Canada.

Grants

Funded
2012: Venkatraman, S. S. ADOPTION OF IT VIRTUALIZATION FOR COST EFFECTIVE SERVER UTILIZATION AND CLOUD COMPUTING. .
2010: Venkatraman, S. S. IMPACT OF SOCIAL MEDIA TECHNOLOGIES ON BUSINESS. .

Pending
2018: Venkatraman, S. S. & Siekpe, J., Tech-Oriented TSU Graduates as Critical Problem Solvers for the Future Job Markets, Principal Investigator.

Papers Under Review
Venkatraman, S. S. (2017). "Evolution of Social Media Networks, and Their Marketing Effectiveness," Initial submission.

Working Papers
Venkatraman, S. S. (2021). "BlockChain Survey."
Venkatraman, S. S. (2021). "Artificial Intelligence (AI) in Healthcare."
Venkatraman, S. S. (2017). "Social Media Marketing Effectiveness," targeted for JOURNAL OF MANAGEMENT INFORMATION AND DECISION SCIENCES.

SERVICE:

Service to the University

Department Assignments

Chair:
2010-2011 – 2013-2014: BIS Department Tenure & Promotion Committee

Member:
2011-2012 – 2013-2014: BIS Technology Council Board

Department Assignments

Member:
2009-2010: BIS department
2009-2010: Chair, Tenure & Promotion Committee

College Assignments

Chair:
2010-2011 – 2015-2016: Faculty Composition & Development Committee
2014-2015: Search Committee, Business Admn Dept Chair
2014-2015: COB Academic Program Review Committee

Member:
2013-2014: Accounting Faculty Search Committee

College Assignments

Member:
2010-2011: Budget & Efficiency Committee, College of Business
2009-2010: Advisory Group for the COB MBA students with the Business Plan Competition

College Assignments

Member:
2012-2013 – 2014-2015: COB Tenure and Promotion Committee
2012-2013: COB Strategic Committee

College Assignments

Member:
2009-2010: Strategic Committee
2009-2010: Strategic Committee
2009-2010: Graduate Committee
2002-2003: International Committee

University Assignments

Committee Member:
2013-2014: Academic Program Review Steering Committee

University Assignments

Committee Member:
2009-2010 – 2011-2012: CIT Computer Lab Maintenance
2009-2010: CIT Computer Lab Maintenance
2009-2010: Greening of TSU
2009-2010: Tenure Termination Procedure Committee
2009-2010: University Personnel Committee
2009-2010: Faculty Development Committee

University Assignments

Committee Member:
2014-2015: University Workload Committee

State-wide Assignments

Other Institutional Service Activities:
2013-2014: Subject Matter Expert: Media Interviews on Technology

Service to the Profession

Advisor
2013: College of Business Case Competition for MBA students.   Help MBA students prepare for MBA Case Competition - Smart Carts (Tiger Carts) with dynamo for powering and charging phones, LCD display; Apps. Shopping List; Auto Check out

Board Member: PR1 Editorial Review Board
2013: Editorial Board: International Journal of CSR and Sustainability.

Chair: Conference / Track / Program
2012: North-Eastern Decision Sciences Institute Conference, Newport, Rhode Island. Conference Session Chair: IS3 -> Business Intelligence: Tools and Applications, March 23 2012, Newport, RI 02840;

Reviewer - External Tenure
2009: New Mexico State University. External reviewer for D. Seung Lee's application for promotion from Associate Professor of Management Information Sciences to Professor of Management Information Sciences at New Mexico State University . November 3, 2009.

Reviewer: Ad Hoc Reviewer for a Journal
2013: Journal of Business & Economic Perspectives.

Service to the Community

Other Community Service Activities
2008 – 2012: Help TSU students become more environmentally sensitive, Actively promote sustainability among students and the TSU community
2002 – 2012: Volunteer with finances and Environmental Issues at the Hindu Temple at Nashville
2009: Earth Day Volunteer with Jennifer Stewart Wright and other State Agencies at Centennial Park
2009: Brentwood, TN Environmental Quality Committee
2009: Help 2010 Gubernatorial Candidate Ward Cammack in any Environmental Issues
2008: Earth Day Education and Free CFL give away
2008: Focus Group participant, Immigrant Entreprenuers, COB, TSU
2007: Help Woodland Middle School Robotics team with Alternate energy ideas

Speech / Presentation at a Community Meeting
2007: Speaker at Luncheon at the Donelson-Hermitage Rotary Club on Global Warming & Environment

Faculty Development

<u>**Assurance of Learning - Professional Development**</u>

2012: TSU Take6 Credit: Rubrics and Rigor Webinar. Conducted by the Commission on Accelerated Programs; October 23rd, 1:30pm - 3:00pm, Facilitators: Royce Ann Collins, Kansas State University Patricia Ellis, Stevenson University

<u>**DS: Research-Related Conference/Seminar**</u>

2012: Five Levels of Embedded Business Intelligence. Business applications are evolving by turning their static operational data into interactive analytic applications -- enabling better decision making. Real world examples of the 5 Levels of Embedded BI and tips. Wednesday, March 14, 2012, Time:10:00 AM PT/1:00 PM ET

<u>**Instructional-Related Conference**</u>

2012: Twitter, Edmodo, Google+: Using Social Media in the Classroom. Presenters: James Stanger, and Stephen Schneiter. Webinar setup by CIW (Certified International Web Professional) Feb 29, 2012

2010: AACSB Teaching Effectiveness Workshop. 2-day workshop on how to engage students while teaching. Also developed PowerPoint slides and made available to any COB faculty at TSU

<u>**Other Professional Development**</u>

2013: Coursera Online Course, Climate Literacy: Navigating Climate Change Conversations,.

 Dr. Sarah Burch, Sara Harris, University of British Columbia, May 20 – July 29, 2013. Course is about the scientific and socio-political dimensions of climate change,

2012: Coursera Online Course: Introduction to Sustainability. Dr. Jonathan Tomkin, University of Illinois at Urbana-Champaign, Aug 27 - Oct 22, 2012

2010: Integrating Sustainability into the Curriculum. Belmont University, Feb. 05, 2010. 1 day event and workshop on how to introduce sustainability in the campus

2009: Summit for Campus Sustainability. MTSU, October 2, 2009. 1 day-event/workshop on introducing sustainability in the University

<u>**Professional Seminars / Workshops**</u>

2021: ADVANCED STUDENT ENGAGEMENT Workshop.   **UNCFxSEI Professional Development Workshop**

2019: Webinar.

MongoDB 4.2 advances the state of the art in modern transactional and analytical platforms in our upcoming webinar, What's New in MongoDB 4.2; **When**: 2019, August 13th

ACID Guarantees: distributed, cross-shard transactions, global point-in-time reads, and mutable shard key values

- **Query and Analytics**: Atlas Data Lake, on-demand materialized views, wildcard indexes, and MongoDB Charts for rich data visualizations
- **Resilience and Scale**: retryable reads and writes, 10x faster elections, and Zstandard compression
- **Enterprise Security**: client-side field level encryption, multiple CAs with zero downtime certificate rotation, and 3x lower auditing overhead
- **Run Anywhere**: Atlas auto scaling, full- text search service, along with Kubernetes and Apache Kafka integrations

2019: Webinar.

Monday, September 16, 2019; 11:00 AM

Five Best Practices that Speed AI Value at Your Organization

IBM experts offer advice on how to get past top blockers and pitfalls when taking AI from pilot to production. In this webinar learn how to:

- Avoid silos and simplify collaboration;
- Streamline data prep and pre-processing;
- Choose the optimum algorithms automatically;
- Scale ML experimentation and deployment processes;
- Get past the "AI is a black box" issue and ensure that outcomes are trusted, fair, and transparent.

2012: Best Practices for World-Class eCommerce. Presenters: Jo Benson, COO, Vortx; Mitch Bishop, CMO, DotNetNuke; and Lori McDonald, CEO, Brilliance Business Solutions. Webinar setup by DotNetDuke Corp. Mar 7, 2012 9:00 AM - 10:00 AM PST

<u>**Technology-Related Training**</u>

2016: Webinar.   Explore Your Data: Uncover Hidden Insight. Forrester shows how through Spark Technology; Mike Gualtieri, principal analyst at Forrester; https://engage.vevent.com/log_thru.jsp?eid=556&seid=84742&standaloneparam=txnMJJDz-akcSzOvg93i2u6VXKnKwq14Mv7ZtIeszVn3jrv4Ss6oFLF11_X1SSm5O4EDU5F6Uin5OmhORUjSUdc5jNOE8Y3v5oPniN39Ywsz0kJ3

2016: Webinar.   Social Shopping Trends: How the Visual Web Is Disrupting the Path to Purchase; **Sucharita Mulpuru**; VP, Principal Analyst, eBusiness and Channel Strategy Forrester Research

2015: Udemy online Course Java Tutorial for Complete Beginners.   Complete tutorials and training on Java - the Object Oriented Programming Language

2013: Software Programming: Python Object Oriented Language.   Self-pace online learning of the Python Object Oriented Language. Codeacdemy.com, January 2013

2013: Tennessee State University Summer Faculty Development Institute offered by the Center for Teaching, Learning and Technology (CTLT). June 12-13, 2013..   Learn innovative teaching, interdisciplinary collaboration, and new pedagogical techniques and methods.

2012: Coursera Online Course: Introduction to Databases. Dr. Jennifer Widom, Stanford University, Self-Study, Oct 01-Nov 09, 2012

2008: Desire 2 Learn Version 8.2.2 Workshop.   March 2008. To help develop hybrid online/in-class instruction

Honors & Awards

<u>**Award**</u>

2010: , College of Business, Tennessee State University.. Summer Research Award: Impact of Social Media Technology.