

SURENDRA SARNIKAR

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EDUCATION

Doctor of Philosophy, May 2007

The University of Arizona - Tucson, Arizona USA
Major: Management Information Systems (MIS)
Minor: Mathematics

Master of Science, December 2002

The University of Arizona - Tucson, Arizona USA
Major: Management Information Systems (MIS)

Bachelor of Engineering, May 1999

Osmania University, Hyderabad - India
Major: Civil Engineering

AREAS OF INTERESTS

Healthcare Informatics

Healthcare Analytics, Health Information Systems, Electronic Medical Records, Clinical Decision Support, Mobile Health and Self-care Technologies

Analytics

Information Retrieval, Text Analytics, Data Mining, Decision Support Systems

RESEARCH AND PROFESSIONAL EXPERIENCE

Professor, Department of Management, August 2021

26. **Sarnikar, S.** and Deokar, A. (2009) A Design Theory for Process-based Knowledge Management *Proceedings of the International Conference on Information Systems*, Phoenix, Arizona, Dec 15-18, 2009.
27. Aljafari, R. and **Sarnikar, S.** (2009) Framework for Assessing Knowledge Sharing Risks in Inter-Organizational Networks", *Proceedings of the AIS Americas Conference on Information Systems (AMCIS 2009)*, San Francisco, August 6-9, 2009.
28. Bennett, D., Broekhuis, A., Brooks, P., Carmody, P., DeWald, K. and **Sarnikar, S.** "Panel Report on Information Technology in Healthcare: Opportunities and Challenges" (2009). *MWAIS 2009 Proceedings*. Paper 5.
29. Weist, P., El-Gayar, O.F., and **Sarnikar, S.** (2008) Knowledge-base Architecture

1. Aljafari, R., and Sarnikar, S. (2012). "A Risk Assessment Framework for Inter-Organizational Knowledge Sharing," in Knowledge Management and Drivers of Innovation in Services Industries, P. O. d. Pablos and M. Lytras (eds.), IGI Global Inc.: Hershey, PA.
2. Sarnikar, S., and Zhao, J. L. (2012). "Extending Workflows for Knowledge Flow Automation", " in Business Enterprise, Process and Technology Management: Models and Applications, V. Shankararaman, J. Zhao and J. Lee (eds.), IGI Global: Hershey, PA.
3. Bukralia, R., Deokar, A. V., Sarnikar, S., and Hawkes, M. (2011). "Using machine learning techniques in student dropout prediction," in Cases on Institutional Research, H. Burley (ed.), IGI Global, pp. 117-131.

Posters, Presentations and System Demo's

1. Tomasura, M. and Sarnikar, S. (2013) BI Design Processes with a Multi-Perspective Collaboration The Twelfth Workshop on E-business (WEB 2013), Chicago, Illinois.
2. Sarnikar, S. El-Gayar, O., and Harb, Y. (2013) Query Clustering System for Information Discovery and Retrieval from Large Data Repositories for The Twelfth Workshop on E-business (WEB 2013), Chicago, Illinois.
3. Brooks, P., El-Gayar, O. and Sarnikar S. (2011) Patient-Centered Information System Design for Health Behavior Modification: Personal Health Record Design for Diabetes Self-Symposium on Healthcare Advancements in Research and Practice (SHARP 2.0), Moorhead, MN, April 28-29, 2011
4. Deokar, A.



ITM 6271: Database Management

ITM 6015: Information Systems Development and Management

College of Business and Information Systems, Dakota State University, Madison, SD

INFS 614: Introduction to Research

INFS 868: Healthcare Informatics Research

INFS 834: Knowledge Management

INFS 805: Design Research

INFS 830: Decision Support Systems

INFS 890: Doctoral Research Seminar

INFS 792: Special Topics: Socio-Technical Design

INFS 734: Client Server Technologies

Eller College of Management, University of Arizona, Tucson, AZ

MIS 304: Using and Managing Information Systems

MIS 111: Introduction to Computing

MIS 528: Enterprise Workflow Systems (Teaching Associate, Fall 2006)

MIS 507A: Information Systems Architecture (Teaching Associate, Spring 2005)

MIS 531A: Data Structures and Algorithms (Teaching Associate, Fall 2003)

DISSERTATION AND PROJECT SUPERVISION

Doctoral Dissertation Committee Chair

Abdullah Wahbeh, Fall 2016

Samuel Hume, Fall 2016

David Bishop, Fall 2014

Monish Sharma, Spring 2013

Ken Pinaire, Fall 2013

Chuck Brust, Fall 2013

Michael Tomasura, Fall 2013

Patti Brooks, Fall 2013

Rajeev Bukralia, Fall 2011

Dawn Dittman, Fall 2010

SERVICE ACTIVITIES

University Services Activities

California State University, East Bay

Co-Chair, CBE Student Success Committee 2021-22

Member, University A2E2 Committee 2020-2022

Member, Academic Senate Committee on Budget and Resource Allocation 06/12/2021 rework BT4 rework BT/F2 11/2021

International Journal of Healthcare Information Systems and Informatics, Information Systems Frontiers

Reviewer for Conferences: Workshop on Information Technologies and Systems (WITS), International Conference on Information Systems (ICIS), Business Process Management Conference (BPM), Americas Conference on Information Systems (AMCIS), SIGMIS CPR conference, Hawaii International Conference on System Sciences (HICSS)

HONORS AND AWARDS

Dean Jay Tontz Innovative Teaching Award, California State University East Bay, 2022

High Impact Practices Certificate, CSU East Bay, 2018