

RESEARCH AND PROFESSIONAL EXPERIENCE

Associate Professor,

Lead a team of graduate and undergraduate students in design and development of a web based course management system and learning support system for undergraduate science education

Programmer, Department of Civil Engineering, University of Arizona, Tucson, AZ

Developed engineering software for simulating ground water flow and soil behavior

PUBLICATIONS

Refereed Research Publications

1. Bishop, D., Deokar, A. and **Sarnikar, S.** (2016) Understanding Preferences for Agile Methods among Software *Information Resources Management Journal* 29(3) pp 12-36.
2. Hume, S., Aerts, J., **Sarnikar, S.** and Huser, V. Applications and Future Directions for the CDISC Operational Data Model Standard: A Methodological *Journal of Biomedical Informatics* Vol 60, pp 352-362.
3. Brooks, P., El-Gayar, O., and **Sarnikar, S.** (2015) Framework for Developing a Domain Specific Business Intelligence Maturity Model: Application to *International Journal of Information Management* , 35(3) pp 337-345
4. Pinaire, K. and **Sarnikar, S.** (2015) Quantitative Approach to Identify Synergistic IT *Annals of Information Systems* Vol 18, pp 135-156.
5. Bukralia, R. Deokar, A. and **Sarnikar, S.** (2015) Academic Analytics To Predict Dropout Risk In E-learning *Annals of Information Systems* Vol 18, pp 67-93.
6. Harb, Y., Noteboom, C. and **Sarnikar, S.** (2015)

15. Brust, C. and **Sarnikar, S.** (2011) Modeling for Healthcare Enterprise IT Architecture Utilizing Cloud *Proceedings of the AIS Americas Conference on Information Systems (AMCIS 2011)* Detroit, MI, August 5-7, 2011.
16. Wills, M., El-Gayar, O. and **Sarnikar, S.** (2011) Beyond Meaningful Use: A Model for Evaluating Electronic Health Record *Proceedings of the 44th Annual Hawaii International Conference on System Sciences.* Kauai, HI, January 4-7, 2011.
17. Heidelberger, C. El-Gayar, O. and **Sarnikar, S.** (2011) Online Health Social Networks and Patient Health Decision Behavior: A Research Agenda. *Proceedings of the 44th Annual Hawaii International Conference on System Sciences.* Kauai, HI, January 4-7, 2011.
18. Pinaire, K and **Sarnikar, S.** "Evaluating the Impact of Health Information Technology on Quality" (2011). MWAIS 2011 Proceedings. Paper 6.
19. **Sarnikar, S.** (2010) "Simulation and Data Envelopment Analysis for the Design of Efficient Healthcare Workflows", *Proceedings of the 5th INFORMS Workshop on Data Mining and Health Informatics*, Austin, TX November 6th, 2010.
20. Heidelberger, C. and **Sarnikar, S.** (2010) Social Topic Space Through Network

Patti Brooks, Fall 2013
Rajeev Bukralia, Fall 2011
Dawn Dittman, Fall 2010

SERVICE ACTIVITIES

University Services Activities

Member, IS Curriculum, Assessment and Accreditation Committee, Fall 2015 - Present
Member, University Curriculum Committee, Fall 2015 - Present
Member, Graduate Council, Fall 2015 - Present
Member, Promotion and Tenure Committee, Fall 2015 - Present
Member, University Research Committee, Fall 2014 - Present
Member, Faculty Development Committee, Fall 2014 - Present
Member, DSU Faculty Search Committee, Spring 2014
Member, D.Sc. IS Program Committee, Spring 2007 - Present
Member, D.Sc. IS Admissions Committee, Spring 2006 - Present
Member, D. Sc. IS Comprehensive Examination Committee, Fall 2008 - Present
Member, MS IS Admissions Committee, Fall 2008 - Present
Member, DSU Faculty Search Committee, Spring 2014, Spring 2012
Member, DSU Faculty Search Committee, Spring 2012

Professional Service Activities

President-Elect, (2015) AIS SIGHEALTH
Member, (2014 - Present) IBM Analytic Skills Consortium
Track Co-Chair, (2014) AMCIS Healthcare IS Track
Minitrack Co-Chair, (2014) Business Process Intelligence, HICSS
Director of Communications (2013-2011), Healthcare Information Management Systems Society, South Dakota Chapter
Member, HIMSS (2011) Healthcare Information Management Systems Society Mobile Initiative Task Force and mHIMSS Usability Design Workgroup
Member, (2011) HIMSS Task Force on Personal Health IT
Technical Workgroup Facilitator, (2010 - 2008) South Dakota E-Health Collaborative
Moderator, (2009) Panel on Challenges and Opportunities in Health Information Technology, MWAIS 2009
Local Arrangements Chair, (2009) Midwest Association for Information Systems (MWAIS) Conference 2009
Reviewer for Journals: ACM Transactions on Management Information Systems, Journal of Management Information Systems, Decision Support Systems, European Journal of Information Systems, IEEE Transactions on Services computing, Journal of Information Systems and E-Business Management, International Journal

