Sabah Currim

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PRIMARY RESEARCH/TEACHING INTEREST

Data Management

ADDITIONAL RESEARCH/TEACHING INTERESTS

Human Factors, Electronic Commerce, Systems Analysis and Design, Telecommunications

EDUCATION

Ph.D. Candidate in Management **Expected completion December 2006**

University of Arizona, *Tucson, Arizona*
Dissertation Title: Towards improving conceptual modeling: an examination of common errors and their underlying reasons
Dissertation Committee: Dr. Sudha Ram (Chair), Dr. Susan Brown, Dr. Alexandra Durcikova, Dr. Mohan Tanniru, Dr. Richard Snodgrass, Dr. Joel Levin
Major: Management Information Systems • *Minors*: Computer Science, Educational Psychology

M.S. in Management Information Systems **May 2002**
University of Arizona, *Tucson, Arizona*

B.E. in Electronics **May 1999**
University of Mumbai, *Mumbai, India*

PROFESSIONAL BACKGROUND

2006–present Assistant Professor, College of Information, Florida State University, *Tallahassee, Florida*

PUBLICATIONS

- Dyreson, C.E., Snodgrass, R.T., Currim, F., and Currim, S. (2006) Schema-mediated Exchange of Temporal XML Data, *25th International Conference on Conceptual Modeling: ER 2006*, Springer, Tucson, Arizona,USA, pp 212-227.
- Dyreson, C.E., Snodgrass, R.T., Currim, F., and Currim, S. (2006) Validating Quicksand: Schema Versioning in tXSchema, *3rd International Workshop on XML Schema and Data Management (XSDM)*, Atlanta, USA.
- Ram, S., and Currim, S. (2005) Why do novices make errors in conceptual modeling of databases?, *Fourth Symposium on Research in Systems Analysis and Design (AIS SIGSAND)*, Cincinnati, Ohio, pp. 57-63
- Currim, F., Currim, S., Dyreson, C.E., and Snodgrass, R.T. (2004) A Tale of Two Schemas: Creating a Temporal XML Schema from a Snapshot Schema with tXSchema, *Advances in Database Technology - EDBT 2004, 9th International Conference on Extending Database Technology*, Springer, Heraklion, Crete, Greece, pp. 348-365.

PAPERS UNDER REVIEW

- "tXSchema: a temporal extension of XSchema" (with F. Currim, C. Dyreson, R. T. Snodgrass), (targeted for submission to VLDB Journal in 2006)

WORKING PAPERS

- "Using Bloom's taxonomy to explain errors made by novices in conceptual data modeling" (with S. Ram, A. Durcikova, S. Brown) (targeted for submission to MIS Quarterly in 2007)
- "When and how to allocate software costs" (with L. Zhang, M. Tanniru), (targeted for submission for CACM in 2007)

RESEARCH EXPERIENCE

Department of MIS, University of Arizona, Tucson, AZ (2001 – present)

Research Associate: Walker Basin Project

- Conduct requirement analysis from US Forest service staff to help better manage public arid lands
- Help design an integrated Web information system

Research Associate: Software Cost Allocation Project and IT Investment Project

- Examine current strategies employed by organizations for allocating costs of software purchased
- Evaluate alternative strategies to allocate costs among departments and projects
- Measure ROI on IT investments

TEACHING EXPERIENCE

College of Information, Florida State University, Tallahassee, FL (2006 – present)

Primary Instructor for Information Organization and Communication (LIS 3784): Fall 2006, Spring 2007

Department of MIS, University of Arizona, Tucson, AZ (2001 – 2006)

Primary Instructor for Database Management for Business Managers (MIS 361): Summer 2004 and Basic Operations Management (MIS 373): Summer 2001

Guest lecturer for Database design (C SC 460): Fall 2004

INTERNSHIP / OTHER EXPERIENCE

Department of MIS, University of Arizona, Tucson, AZ (2000 – present)

Database Administrator

- Create and maintain Oracle database
- Experience with multiple platforms

Webmaster and Student Advisor (2000 – 2002)

- Advising prospective and current MIS Masters students on career and class options
- Maintain the department's website

Siemens, Mumbai, India (1998 – 1999)

Internship

- Coordinate and work with a team to develop a database system to automate the generation of information for management reports.
- Provide technical inputs and suggested integration strategy for new projects

HONORS AND AWARDS

- *Recipient of Graduate Registration Scholarship*, Fall 2001 and Spring 2002, Fall 2005
- *Ranked first in PhD core (comprehensive) exam*, June 2002