

Anitha Chennamaneni

CONTACT

Texas A & M University Central Texas
1001 Leadership Place
Killeen, TX 76549

EDUCATION

Doctor of Philosophy (Major: Information Systems, Minor: Computer Science) University of Texas at Arlington, Arlington, TX	2006
Master of Business Administration Southern Illinois University, Carbondale, Illinois	1997
Master of Arts Osmania University, India	1992
Bachelor of Science Osmania University, India	1990

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member, Association for Information Systems
- Member, Association for Computing Machinery
- Member, Decision Science Institute

HONORS / AWARDS

- Distinguished Graduate Faculty Award
 - Outstanding Graduate Faculty Research Award, May 2013
 - Outstanding Graduate Faculty Scholarship Award Finalist, May 2014
 - Graduate Faculty
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PROFESSIONAL EXPERIENCE

Administrative Experience

Department Chair, Computer Information Systems, June 2012 – Present
Texas A&M University Central Texas

Teaching Experience

Associate Professor of Computer Information Systems, September 2014 – Present
Texas A&M University Central Texas

Assistant Professor of Computer Information Systems, September 2009 – August 2014
Texas A&M University Central Texas

Assistant Professor of Computer Information Systems, August 2008 – August 2009
Tarleton State University - Central Texas

Lecturer, Dept. of Information Systems & Operations Management, Aug 2007-Dec 2007
University of Texas, Arlington

Industry Experience

Senior Applications Developer, May 2002 – August 2008
The Neiman Marcus Group, Dallas

Software Analyst and Programmer, Oct 1998 – March 2002
JP Mobile Inc, Dallas

- **Client, Pepsi Business Solution Group, Plano Jul 1999 – Dec 2001**
- **Client, Kintetsu World Express, Dallas Mar 1999 – Jul 1999**
- **Client, Nokia Mobile Phones, FortWorth Oct 1998 – Feb 1999**

Programmer/Analyst, Oct 1997 – Aug 1998
Dallas Market Center, Dallas

COMPUTER PROFICIENCY

- **Programming Languages** C, C++, JAVA, VISUAL BASIC, VB SCRIPT, JAVASCRIPT, HTML, XHTML, XML, ASP, SQL, PL/SQL, XML, XSL
- **Database Systems** ORACLE, MS-ACCESS, SQL SERVER
- **Tools** ORACLE APPLICATION SERVER, ORACLE DEVELOPER, DESIGNER, DISCOVERER 2000, XML PUBLISHER, TOAD, SQL * LOADER, SQL*PLUS, SQL NAVIGATOR, SQL*FORMS, SQL*DBA, EXPLAIN PLAN, TKPROF, ANALYZE, SQL*TRACE, IMPORT, EXPORT, VISIO, MICROSOFT PROJECT etc.
- **Application Packages** MS VISUAL STUDIO, ORACLE APPLICATIONS / ORACLE BUSINESS SUITE, ALCIE PAYROLL SYSTEM, EMIS MANUFACTURING SYSTEM etc.
- **Statistical Packages** SPSS, NCSS, SAS, EQS, PLS-GRAPH, SMART PLS etc.
- **Operating Systems** WINDOWS, UNIX, LINUX, VMWARE, VIRTUAL BOX
- **Network Protocols** TCP/IP, FTP, SQL * NET etc.

COURSE DEVELOPMENT & TEACHING

Texas A&M University Central Texas

Graduate Courses

- CISK 502 - Procedural Language Programming and Design
- CISK 503 - Foundations of Computer Based Systems
- CISK 507 – Systems Analysis for Managers
- CISK 511 - Managing Information Systems
- CISK 516 - Applied Database Management
- CISK 518 - Quantitative Concepts in Computing
- CISK 519 - Decision Support Systems
- CISK 545 - Extensible Markup Language
- CISK 551 - IT Project Management
- CISK 576 - Network Administration & Design
- CISK 580 - E-Business Application Development
- CIS5353 - Big Data Analytics & Management
- CISK 586 - Problems Course: Systems Analysis for Managers
- CISK 586 - Problems Course: Research Methods in Information Systems
- CISK 586 - Problems Course: Big Data Analytics and Management
- CISK 586 - Problems Course: Foundations of Information Security

Undergraduate Courses

CISK 301 / ACC 301 - Business Analysis Using Spreadsheets
CISK 303 - Programming Logic and Design
CISK 331 - Visual Basic Programming
CISK 315 - Web Site Develop and Design
CISK 389 - Systems Analysis and Design
CISK 401 - Database Theory and Practice
CISK 441 - IT Security and Risk Management
CISK/ACCK/MGMT 450 - Management Information Systems
CISK 486 - Problems Course: Advanced Database Systems
CISK 486 - Problems Course: Network Administration
CISK 486 - Problems Course: Comprehensive Networking
CISK 486 - Problems Course: Algorithm Design and Analysis

Tarleton State University - Central Texas

Graduate Courses

CIS 502 - Procedural Language Programming and Design
CIS 511 - Managing Information Systems
CIS 516 - Applied Database Management
CIS 518 - Quantitative Concepts in Computing
CIS 545 - Extensible Markup Language

University of Texas, Arlington

Undergraduate Courses

Introduction to MIS and Data Processing

PUBLICATIONS – PEER REVIEWED JOURNAL ARTICLES

Teng, J. Wood, C. **Chennamaneni, A.** & Song, S "Achieving Knowledge Management (KM) Success: Examining A Task-KM Strategy Fit Model", Journal of Information Technology Management, Volume XXV, Number 1, 2014, pp. 20 - 31

Chennamaneni, A. Teng, J. & Raja, M.K. "A unified model of knowledge sharing behaviours: theoretical development and empirical test", Behaviour & Information Technology, Volume 31, Issue 11, 2012, pp. 1097-1115.

Chennamaneni, A & Teng, J. “ Types of Human Needs That Motivate Knowledge Sharing In Organizations: A Comprehensive Empirical Study Based On the ERG Theory”, Journal of Information Technology Management, Volume XXIII, Number 3, 2012, pp. 65 – 80

Chennamaneni, A. Tunenkova, N & Vert, G. "Information Systems Security Education – An e-Learning approach", Communications of Global Information Technology, Volume 4, 2012, pp.10 -16

Vinekar, V. Teng, J. & **Chennamaneni, A.** “The Interaction of Business Intelligence and Knowledge Management in Organizational Decision-Making”, Journal of International Technology and Information Management, Volume 18, Issue 2, 2009, pp.143 – 159

PUBLICATIONS – PEER REVIEWED CONFERENCE PROCEEDINGS

Gupta, B. & **Chennamaneni, A.** "Information Sharing Behavior of the Older Adults: An Empirical Study of Their Online Privacy Concerns" Proceedings of the Americas Conference on Information Systems, Boston, MA, August 10-12, 2017.

Gupta, B. Sharma, S & **Chennamaneni, A.** “Twitter Sentiment Analysis: An Examination of Cybersecurity Attitudes and Behavior, Proceedings of the Pre-ICIS (International Conference on information Systems) Decision Support and Analytics (SIGDSA) Innovation in data Analytics Symposium, Dublin, Ireland Dec 10th-11th, 2016.

Singh, M & **Chennamaneni, A** “Big Data Analytics for Supply Chain Innovation” Proceedings of the Americas Conference on Information Systems, AMCIS 2016, San Diego, CA, USA, August 11-14, 2016

Chennamaneni, A. and Taneja, A. “Communication Privacy Management and Self-Disclosure on Social Media - A Case of Facebook,” Proceedings of the Americas Conference on Information Systems, Puerto Rico, August 13-15, 2015

Chennamaneni, A & Brown, J “Use of Educational Data Mining and Intelligent Agents to provide Adaptable, Personalized Computer Science Education in e-Learning Environment”, Proceedings of the Second Workshop on AI-supported Education for Computer Science (AIEDCS) held at Intelligent Tutoring Systems, Honolulu, Hawaii, June 5-9, 2014

Brown, J. and **Chennamaneni, A.** “Towards an Integrated Framework for Applying the Agile Project Methodology to Manage Task Uncertainty in Disaster Management”, Proceedings of the 19th Americas Conference on Information Systems, Chicago, Illinois, August 15-17, 2013.

Chennamaneni, A & Brown, J “Improving Knowledge Management in E-Learning: A Contingent Framework for Efficient Knowledge Transfer”, Proceedings of the 2013 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas, Nevada, July 22-25, 2013.

Vert, G. **Chennamaneni, A.** & Iyengar, S. “A Theoretical Model for Probabilistically Based Hardware State Variable Detection of Unknown Malware Operations Utilizing Creation of Self Organizing Taxonomies for Counter Attack and Mitigation”, The 2012

International Conference on Security and Management (SAM'12), Las Vegas, USA, July 16 – 19, 2012

Chennamaneni, A. Tunenkova, N & Vert, G. “Information Systems Security Education – An e-Learning approach”, 13th Global Information Technology Management Association World Conference, Bangalore, India, June 17-19, 2012.

Chennamaneni, A. & Teng, J. "An Empirical Study of the Existence, Relatedness, and Growth Needs (ERG) Theory in Knowledge Sharing Behaviors of Knowledge Workers”, Proceedings of the IADIS International Conference on Information Systems, Berlin, Germany, March 10-12, 2011.

Chennamaneni, A and Teng, J. “An Integrated Framework for Effective Tacit Knowledge Transfer”, Proceedings of the 17th Americas Conference on Information Systems, Detroit, Michigan, August 4 – 8, 2011

Vert, G. **Chennamaneni, A.** & Iyengar, S, “Integrating a New Contextual Model Paradigm with the Set Based Data Modeling Method to Create an Advanced Capability Data Repository”, Proceedings of the 2011 International Conference on Information & Knowledge Engineering, IKE 2011, Las Vegas Nevada, USA, July 18-21, 2011.

Hughes, K. & **Chennamaneni, A.** “Building a Contextual Sensor Network Using Automated Bots”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA

Mahlke, R. & Vert, G. & **Chennamaneni, A.** “Applying Contextual Processing to Traffic Signal Control Systems”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA

Vert, G. **Chennamaneni, A.** & Iyengar, S. “Mapping the Emerging Contextual Processing Paradigm and Taxonomic Classification onto Quality Selection Criteria for Data Sets Utilized in Data Mining”, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA

Non-Refereed Publications / Presentations

Phillips B, **Chennamaneni A.**, Eruysal F. “The Impact of Business Intelligence and Analytics on Firm Performance, Presentation at South West Decision Sciences Conference, Little Rock, March 8 to 11, 2017

Chennamaneni, A & Taneja, A. Sense of Community, Privacy Management and Self-Disclosure on Facebook, South West Decision Sciences Conference, Oklahoma City, March 9-12th, 2016

Chennamaneni, A. “The Role of Information Technology in Keeping Homeless Youth Connected”, American Democracy Project Provost Lecture Series on Youth Homelessness, Killeen, Texas, October 29, 2015

Chennamaneni, A. & Altman, B. “Challenges and Lessons Learned in Teaching Online Courses in CIS”, Texas Blackboard Users Group, Killeen, Texas, October 25-26, 2012

Chennamaneni, A. & Vert G. “Current Trends in Security Research and Training in Higher Education”, Secure world Expo, Dallas, November 2-3, 2011.

Chennamaneni, A. Larson, L. & Perschbach, J. “Virtualized IT Infrastructure for Student Experimentation in Network Security and Sustainable Computing”, 40th Annual Meeting of the Decision Sciences Institute, Nov. 2009.

Chennamaneni, A. & Teng, J. “Transferring Tacit Knowledge – Contingent Approach”, 39th Annual Meeting of the Decision Sciences Institute, Nov. 2008

Chennamaneni, A. Raja M.K. & Teng, J. “Determinants of Knowledge Sharing Behaviors: Developing and Testing an Integrated Theoretical Model”, 37th Annual Meeting of the Decision Sciences Institute, San Antonio, Nov. 2006

Vinekar, V. Teng, J. & **Chennamaneni, A.** “A Unified Framework of Knowledge Management and Business Intelligence”, 37th Annual Meeting of the Decision Sciences Institute, San Antonio, Nov. 2006

UNIVERSITY SERVICE

- Department Chair, Computer Information Systems, June 2012 – Present
- Chair, Institutional Review Board (IRB), January 2015 - Present
- Graduate Program Leader /Coordinator, MS Information Systems, Graduate Council 2011-present
- Faculty Scholarship and Research Committee 2011-13; 2015 – present
- University Research and Scholarship Faculty Mentor 2014-2016
- Faculty Senate 2010-12
- Export Control Committee 2012 -15
- Distance Learning Advisory Council – 2012
- Academic Council 2010-12
- University Scholarship Committee 2010-12
- University Curriculum Committee 2011
- Faculty Development Committee 2010-11
- Information Literacy and Technology Strategic Planning Task force 2010
- COBA Curriculum Committee 2012-Present

- COBA Scholarship Committee 2011 - 12
- COBA Assessment Committee 2011 - Present
- COBA Accreditation Committee 2014
- COBA Promotion & Tenure Committee 2014
- CIS Curriculum & Assessment 2011 - Present
- Hiring Committee for CIS Assistant Professor 2010 – Present
- CIS degree programs reviews 2014 - present
- Post-tenure review task force 2015
- New Student Orientation Task Force, 2012 -15
- Internal Peer Review, 2013
- Bookstore proposal committee, 2011
- Several TAMUCT hiring committees (Executive Assistant to the President, Assistant Vice President for Technology Enhanced Learning, CIS Assistant professor, IT System Administrator, Academic Support Coordinator, Technical Services Librarian, Academic Assistant and others)
- Graduate & Undergraduate Students Advising & Mentorship, 2008 - present
- Recruitment & Orientation events, 2008 - present

PROFESSIONAL SERVICE

- Program committee member for Pre-ICIS SIGDSA board, 2016
- Editorial Board Member for Journal of Information and Knowledge Management Associate Editor, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA CSREA Press 2010
- Reviewer, Journal of Information & Knowledge Management, 2012, 2013, 2014 - present
- Reviewer, International Journal of Advancements in Technology
- Reviewer, Americas Conference on Information Systems, 2012, 2013, 2015, 2016
- Reviewer, International Conference on Information Systems, 2013, 2016
- Reviewer, Hawaii International Conference on System Sciences 2016
- Reviewer, Australasian Conference on Information Systems 2017
- Session Chair, Topics in Internet & Cloud Computing And Big Data, WorldComp, 2013
- Session Chair, Medical Applications, WorldComp, 2013

- Associate Editor, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, IKE 2010, July 12-15, 2010, Las Vegas Nevada, USA CSREA Press 2010
- Co-Session Organizer. Global Contextual Processing and Foundations, Issues and Management Implementation. Information Knowledge Engineering, Las Vegas, Nevada, June 2010.
- Reviewer, Proceedings of the 2010 International Conference on Information & Knowledge Engineering, Las Vegas, Nevada, June 2010.
- Reviewer, Decision Sciences Institute 2006

OTHER SERVICE

- Member, Killeen Chamber of Commerce Industry IT council 2013 - present
- Member, Central Texas College IT council 2013 – present
- Mentor, Killeen High school students 2013
- Mentor, Summer research program, NSF step-grant research program 2013, 2014, 2015, 2016, 2017
- General Secretary, Texas A&M Central Texas Chapter of the ACM 2010-2013
- Co-faculty advisor, E-sports Organization 2012 - 2013
- Coached one team for the FIRST (For Inspiration and Recognition of Science and Technology) Lego League (FLL) competition in the year 2011 – 2012.