

KARTHIKEYAN UMAPATHY

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EDUCATION

- **Ph.D. Information Sciences and Technology** (May 2008), Pennsylvania State University, University Park, PA
- **M.S Industrial Engineering** (May 2003), Pennsylvania State University, University Park, PA
- **B.E. Mechanical Engineering** (May 1998), PSG College of Technology, Coimbatore, India

EXPERIENCE

- **Associate Professor**, School of Computing, University of North Florida (From Aug 2013 onwards)
- **Assistant Professor**, School of Computing, University of North Florida (Jan 2008 – Aug 2013)
- **Visiting Instructor**, School of Computing, University of North Florida (Aug 2007 – Jan 2008)
- **Graduate Research/ Teaching Assistant**, Penn State University (Aug 2000 – Aug 2007)
- **Production Planning Engineer**, ELGI ELECTRIC & Industries Ltd., Coimbatore, India (June 1998 – Dec 1999)

GRANTS AND CONTRACTS – TOTAL: \$142,733

Grants (\$126,883)

7. **Umapathy, K.** (PI). Benchmarking Use of Data Analytics in the Nonprofit Sector (Analytics-in-Nonprofits). 2018. Funded by the FIS Distinguished Professorship in CIS Award, School of Computing, University of North Florida. Total awarded amount: \$36,000.
6. **Umapathy, K.** and Richard, D. (PIs). 2018 FL-DSSG Big Reveal Event Sponsorship. 2018. Funded by the Agile Thought. Total awarded amount: \$2,000. Website: <http://dssg.unf.edu/>
5. **Umapathy, K.** and Richard, D. (PIs). 2018 FL-DSSG Summer Internship. 2018. Funded by the University of North Florida. Total awarded amount: \$17,000. Website: <http://dssg.unf.edu/>

4. **Umapathy, K.** and Richard, D. (PIs). Establishing Florida Data Science for Social Good (FL-DSSG) Program. 2017. Funded by the Nonprofit Center of Northeast Florida. Total awarded amount: \$20,000. Website: <http://dssg.unf.edu/>
3. **Umapathy, K.** (PI), Chuan, Ching-Hua (PI). 2013. Web Technology Development for Community Organizations. 2013 UNF Transformational Learning Opportunities (TLO) Award. Awarded amount: \$5,000 (Requested amount: \$10,000).
2. Miller, B. (PI-US Team, GSU), **Umapathy, K.** (Co-PI, UNF), Xiao, Lu (PI-Canada Team, UWO, Canada), Pullman, G. (Co-PI, GSU), and Karmakar, S. (Co-PI, GSU). 2012. Digging into Human Rights Violations: Anaphora Resolution and Emergent Witnesses. 2012 Digging into Data Challenge. Total awarded amount: \$235,000. US Team is funded by National Science Foundation #1209172. US Team Award: \$175,000 (**UNF sub-award: \$36, 883**). Canadian Team is funded by SSHRC. Canadian Team Award: \$ 60,000.
1. **Umapathy, K.** (PI), Chuan, Ching-Hua (PI). 2011. A Pilot for School of Computing TLO Internship Program. 2012 UNF Transformational Learning Opportunities (TLO) Award. Awarded amount: \$10,000 (Requested amount: \$12,000).

Contracts (\$15,850)

14. Contracted as 2016 UNF Community Engagement Scholar by UNF Center for Community-Based Learning. Stipend of \$2000 and travel grant of \$1750 will be provided as compensation for my services.
13. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, May 6, 2015. Received \$400 stipend for my services.
12. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, December 17, 2014. Received \$400 stipend for my services.
11. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, April 30, 2014. Received \$400 stipend for my services.
10. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, December 18, 2013. Received \$400 stipend for my services.
9. Contracted by Florida Campus Compact to develop “Working STEM Service-Learning Guide Document” containing best practices and guidelines for teaching service-learning courses as a part of the “STEM Faculty Scholars Institute” held on May 13 & 14, 2013 at Orlando, Florida. Received stipend of \$200.
8. Contracted by UNF Community-Based Learning Center to Align CBTL outcomes with School of Computing Assessment and Program Outcomes in TracDat System. Received \$500 stipend for my services provided between August 2012 and May 2013.

7. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, May 16, 2013. Received \$400 stipend for my services.
6. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, December 13, 2012. Received \$400 stipend for my services.
5. Contracted by UNF CIRT Teaching Online Seminar, May to August 2012 for redesigning a traditional course for distance learning delivery. Total amount received: \$4000. Received stipend of \$2000 and distance learning development budget up to \$2000.
4. Contracted as 2012 UNF Community Scholar by UNF Center for Community-Based Learning. Community Scholar program starts on September 9 2012 and ends on May 27 2013. Stipend of \$3000 will be provided as compensation for my services.
3. Contracted as Community-Based Transformational Learning (CBTL) Assessment Rater by UNF Center for Community-Based Learning, May 11 and 18, 2012. Received \$500 stipend for my services.
2. Contracted by Florida Campus Compact as Course Redesign Facilitator at the “Bridging Community-Based Learning and STEM – Integrated Course Redesign for Effective Learning” workshop held on February 24 and 25, 2012 at University of North Florida. Received stipend of \$500.
1. Contracted as 2011 Florida Campus Compact STEM Fellow. Received stipend of \$1000 as a part of the fellowship award.

AWARDS AND HONORS

- Featured in the UNF Faculty Forum. <http://bit.ly/UNFUK18>
- 2018 UNF Presidential Faculty Leaders Award
- 2017-2018 UNF Outstanding Graduate Teaching Award
- 2018-2020 FIS Distinguished Professor in CIS Award
- 2016-2017 UNF Community Engagement Scholar
- IEEE Senior Member, April 2016
- Received Conference Best Paper – Finalist Award at the 2016 Southern Association of Information Systems (SAIS) Conference
- Featured in the Penn State IST graduate alumni profile. <http://goo.gl/BwiRRo>
- 2012-2013 UNF Community Scholar
- 2012-2013 Florida Campus Compact STEM Certified Scholar
- Received Conference Best Paper Award at the 2012 Conference on Information Systems Applied Research (CONISAR)
- Recognized as one of the 2012 “Movers and Shakers” of the Northeast Florida by the Indo-US Chamber of Commerce of Northeast Florida for contributions to the entrepreneurial community

- Featured in the University of North Florida Center for Community-Based Learning video to promote service learning. https://www.youtube.com/watch?v=wJ-CSoXo_Bs
- 2010 ICIS Junior Faculty Consortium Fellow – MIS Camp, St Louis, MO, USA
- 2009 First S.T.A.R. (Award for Research Excellence), University of North Florida
- Received Meritorious Award at the 2008 Conference on Information Systems Applied Research (CONISAR)
- Inducted into Upsilon Pi Epsilon, Honor Society for the Computing and Information Disciplines (December 2008, through University of North Florida Chapter)

SOFTWARE ARTIFACTS

- Temporal Active Analytics – a dynamic front-end system for automatically updating web page navigational elements using time variant data from Google Analytics reports (Koza, J. and Umapathy, K. 2018).
- AutoCIRI – automates CIRI (Cingranelli-Richards) rating of human rights practices reported in the U.S Department of State annual country reports (Joiner, J. and Umapathy, K. 2018).
- Active Analytics – provides ability for website designers to configure portions of user interface to be highlighted based on Google Analytics data to help users find highly used menu options faster (Carle, W. and Umapathy, K. 2016).
- WSAT-1PC for JBoss Transaction – provides one phase protocol commit mechanism for Web Service Atomic Transaction specifications used within JBoss Transactions (Rana, C. and Umapathy, K. 2014).
- CHORtoNET – converts Web Service Choreography (WS-CDL) specifications into Colored PetriNet (CPN) representations (Caliz, E. and Umapathy K., 2010).
- IDAssist (Integration Designer Assistant) – assists designers with selecting integration patterns and developing web service based systems integration solutions for a given business process (Umapathy K. and Puro S., 2008).
- Dimensional Engineering – provides guidance for metal casting designers with steel casting pattern allowance prediction (Umapathy K. and Voigt R., 2003).
- OperationsDB – converting assembly and machine operation reports from paper format into a computerized database (Umapathy, K., 1998).

PUBLICATIONS

Journals

13. Xu, Z., Ritzhaupt, A.D., Tian, F., and **Umapathy, K.** (201x). Block-based versus text-based programming environments on novice student learning outcomes: a meta-analysis study. *Computer Science Education*. Accepted for Publication.
12. **Umapathy, K.**, and Ritzhaupt, A.D. (2017). A Meta-Analysis of Pair-Programming in Computer Programming Courses: Implications for Educational Practice. *ACM Transactions on Computing Education (TOCE)*, vol. 17 (4), pp.: 1 – 13.

11. Potti, P.K., Ahuja, S., **Umapathy, K.**, and Prodanoff, Z (2013). Comparing Performance of Web Service Interaction Styles: SOAP vs. REST. *Journal of Information Systems Applied Research*, vol. 6 (1), pp.: 4 – 26.
10. **Umapathy, K.**, Purao, S., and Bagby, J.W. (2012). Empirical Analysis of Anticipatory Standardization Processes: A Case Study. *Information Systems and e-Business Management (ISeB)*, vol. 10 (3), pp.: 325 – 350. Impact factor: 0.750 (2011).
9. Ritzhaupt, A.D., **Umapathy, K.**, and Jamba, L. (2012). A Study on Services Motivating Computing Professional Association Membership. *International Journal of Human Capital and Information Technology Professionals (IJHCITP)*, vol. 3 (1), pp.: 54 – 70.
8. **Umapathy, K.**, & Purao, S. (2010). Systems Integration and Web Services. *Computer*, vol. 43(11), pp.: 91-94. Impact factor: 1.470 (2011).
7. **Umapathy, K.**, and Wallace, F.L. (2010). Role of Web Server in Capstone Course. *Information Systems Education Journal*, vol. 8 (62).
6. **Umapathy, K.**, Jamba, L., and Ritzhaupt, A.D. (2010). Factors that Persuade and Deter Membership in Professional Computing Associations. *Journal of Information Systems Applied Research*, vol. 3 (14).
5. Sánchez-Ruíz, A.J., **Umapathy, K.**, and Hayes, P (2009). An End-User-Oriented, Immersive, and Collaborative Initiative to Solve the Data Interoperability Problem. *Journal of Computing Science and Engineering (JCSE)*, vol. 3(2), pp.: 127-141.
4. Ritzhaupt, A.D., **Umapathy, K.**, and Jamba, L. (2008). Computing Professional Association Membership: An Exploration of Membership Needs and Motivations. *Journal of Information Systems Applied Research*, vol. 1 (4).
3. **Umapathy, K.**, Purao, S., and Barton, R.R (2008). Designing Enterprise Integration Solutions - Effectively. *European Journal of Information Systems (EJIS)*, vol. 17(5), pp.: 518-528. Impact factor: 1.500 (2011).
2. **Umapathy, K.**, and Purao, S. (2007). A Theoretical Investigation of the Emerging Standards for Web Services. *Information Systems Frontiers (ISF)*, vol. 9(1), pp.: 119-134. Impact factor: 0.912 (2011).
1. Simpson, T., **Umapathy, K.**, Nanda, J., Halbe, S., and Hodge, B. (2003). Development of a Framework for Web-Based Product Platform Customization. *Journal of Computing and Information Science in Engineering*, vol. 3(2), pp.: 119-129. Impact factor: 0.511 (2011).

Book Chapters

7. **Umapathy, K.**, Purao, S., and Bagby, J.W. (2016, September). Investigating IT Standardization Process through the lens of Theory of Communicative Action. In *E-Life: Web-Enabled Convergence of Commerce, Work, and Social Life*, vol. 258 of the series *Lecture Notes in Business Information Processing*, pp.: 40-53. Vijayan Sugumaran,

- Victoria Yoon, and Michael Shaw (Eds.). Springer-Verlag, Berlin. ISBN: 978-3-319-45408-5.
6. **Umapathy, K.** (2011, October). The Language-Action Approach: Information Systems Supporting Social Actions. In *Information Systems Theory: Explaining and Predicting Our Digital Society*, Vol. 2. Springer, New York. ISBN: 9781441997067.
 5. Caliz, E., **Umapathy, K.**, Sanchez-Ruiz, A.J., and Elfayoumy, A.S. (2011, May). Analyzing Web Service Choreography Specifications Using Colored Petri Nets. *Lecture Notes in Computer Science (LNCS): Service-Oriented Perspectives in Design Science Research*, vol.: 6629, pp.: 412-426. Hemant Jain, Atish P. Sinha, and Padmal Vitharana (Eds.). Springer-Verlag, Berlin. ISBN: 978-3-642-20632-0.
 4. **Umapathy, K.**, Puroo, S., and Bagby, J.W. (2011, January). Analyzing Processes behind Web Service Standards Development. *Lecture Notes in Business Information Processing: Exploring the Grand Challenges for Next Generation E-Business*, vol 52, pp.: 137-146. Raj Sharman, H. Raghav Rao and T. S. Raghu (Eds.). Springer-Verlag, Berlin. ISBN: 978-3642174483.
 3. Sánchez-Ruíz, A.J., **Umapathy, K.**, Beckham, J. and Welsh, P. (2009, October). The Data Interoperability Problem as an Exemplary Case Study in the Development of Software Collaboration Environments. *Collaborative Computing: Networking, Applications and Worksharing*. Springer-Verlag, Berlin. ISBN: 978-3642033537. (This chapter was presented by Arturo Sanchez at the 2008 International Workshop on Collaboration and Cognition in Next Generation Networks (CoNGN)).
 2. **Umapathy, K.** (2009, May). The Influences and Impacts of Societal factors on the adoption of Web Services. *Handbook of Research on Social Dimensions of Semantic Technologies and Web Services*. Information Science Reference. ISBN: 978-1605666501.
 1. **Umapathy, K.** (2009, May) Language-Action Perspective (LAP). *Handbook of Research on Contemporary Theoretical Models in Information Systems*. Information Science Reference. ISBN: 978-1605666594.

Conferences

23. Raman, J., **Umapathy, K.**, and Huang, H. (2018). Security and User Experience: A Holistic Model for CAPTCHA Usability Issues. *Proceedings of the Southern Association for Information Systems (SAIS)*, Atlanta, GA, USA.
22. **Umapathy, K.** and Connolly, J. A. (2017). Data Analytics as a Conduit for Progressing Information Systems Research in Nonprofit Organizations. *Proceedings of the Southern Association for Information Systems (SAIS)*, St. Simons Island, GA, USA.
21. Al-Sammarraie, M., and **Umapathy, K.** (2016). A Research Plan to Study Impact of a Collaborative Web Search Tool on Novice's Query Behavior. *Proceedings of the International Conference on Collaboration Technologies and Systems (CTS)*, Orlando, FL, USA.
20. Shrivastava, D., **Umapathy, K.**, Huang, H., Chuan, C.H., and Goel, L. (2016). A Study on Influence of Gender Differences on Social Presence Features. *Proceedings of the*

Southern Association for Information Systems (SAIS), St. Augustine, FL, USA.
Conference Best Paper – Finalist.

19. **Umamathy, K.** and Huang, H. (2015). A Preliminary Study of Information Technologies Usage in Nonprofit Organizations. Proceedings of the Americas Conference on Information Systems (AMCIS), Puerto Rico, USA.
18. Purao, S., **Umamathy, K.** and Bagby, J.W. (2015). Activity patterns in design processes of IT standards. Proceedings of the International Conference on Design Science Research in Information Systems and Technology (DESRIST), Dublin, Ireland. pp. 85-90.
17. LaValley, C., and **Umamathy, K.** (2015). Conceptual Model of Website Design Elements that Influences Credibility and Trustworthiness. Proceedings of the Southern Association for Information Systems (SAIS), Hilton Head, South Carolina, USA.
16. Rana, C.N., and **Umamathy, K.** (2014). Review of Web Service Specifications for Long-running Conversations. Proceedings of the Conference on Information Systems Applied Research (CONISAR), Baltimore, Maryland, USA.
15. Miller, B., Shrestha, A., Li, F., Derby, J., and Olive, J., and **Umamathy, K.** (2013). Digging into Human Rights Violations: Data Modeling Collective Memory. Proceedings of the IEEE Big Data: Workshop on Big Humanities, Santa Clara, California, USA.
14. Miller, B., Li, F., Shrestha, A., and **Umamathy, K.** (2013). Digging into Human Rights Violations Phrase mining and trigram visualization. Proceedings of the Digital Humanities, Lincoln, Nebraska, USA.
13. **Umamathy, K.**, and Ritzhaupt, A.D. (2011). Role of Professional Associations in Preparing, Recruiting, and Retaining Computing Professionals. Proceedings of the ACM SIGMIS Computer Personnel Research (CPR) Conference, San Antonio, Texas, USA.
12. **Umamathy, K.** (2009). From Service Conversation Models to WS-CDL. Proceedings of the Americas Conference on Information Systems (AMCIS), San Francisco, California, USA.
11. Engberg, J.M., **Umamathy, K.**, and Wallace, F.L. (2009). Information Extraction From Different Data Representation Forms: Charts and Tables. Proceedings of the Southern Association for Information Systems (SAIS).
10. Purao, S., Bagby, J.W, and **Umamathy, K.** (2008). Standardizing Web Services: Overcoming ‘Design by Committee’. Proceedings of the IEEE Congress of Services Conference.
9. **Umamathy, K.** and Purao, S. (2008). Representing and Accessing Design Knowledge for Service Integration. Proceedings of the IEEE International Conference on Services Computing (SCC) (Acceptance Rate: 18%).
8. **Umamathy, K.**, and Purao, S. (2007). Exploring Alternatives for Representing and Accessing Design Knowledge about Enterprise Integration. Proceedings of the International Conference on Conceptual Modeling (ER) (Acceptance Rate: 22.2%).

7. **Umapathy, K.** and Purao, S. (2007). Towards A Theoretical Foundation for Web Services – The Language-Action Perspective (LAP) Approach. Proceedings of the IEEE International Conference on Services Computing (SCC) (Acceptance Rate: 20%).
6. **Umapathy, K.** (2007). Towards Co-Design of Business Process and Information Systems Using Web Services. Proceedings of the Hawaii International Conference on System Sciences (HICSS).
5. **Umapathy, K.**, and Purao, S. (2006). Designing Enterprise Solutions with Web Services and Integration Patterns. Proceedings of the IEEE International Conference on Services Computing (SCC).
4. Xiao, L., Huang, H., and **Umapathy, K.** (2005). A Case Study: Information and Communication Technologies Adoption in Higher Education in China and India. Proceedings of the Americas Conference on Information Systems (AMCIS).
3. Fan, X., **Umapathy, K.**, Yen, J., and Purao, S. (2004). An Agent-Based Approach for Interleaved Composition and Execution of Web Services. Proceedings of the International Conference on Conceptual Modeling (ER) (Acceptance Rate: 19.5%).
2. Fan, X., **Umapathy, K.**, Yen, J., and Purao, S. (2004). Team-based Agents for Proactive Failure Handling in Dynamic Composition of Web Services. Proceedings of the IEEE International Conference on Web Services (ICWS) (Acceptance Rate: 28.7%).
1. **Umapathy, K.**, and Purao, S. (2004). Service-Oriented Computing: An Opportunity for the Language-Action Perspective? Proceedings of the International Working Conference on the Language-Action Perspective on Communication Modelling (LAP).

Workshops

5. **Umapathy, K.** (2010). Requirements to support Collaborative Sensemaking. Proceedings of the International Workshop on Collaborative Information Seeking, Savannah, Georgia, USA.
4. **Umapathy, K.** (2009). An Investigation of W3C Standardization Processes Using Rational Discourse. Proceedings of the AIS Special Interest Group on Pragmatist IS Research (SIGPrag) meeting, Phoenix, USA.
3. Sánchez-Ruíz, A.J., **Umapathy, K.**, and Hayes, P (2008). Toward Generic, Immersive, and Collaborative Solutions to the Data Interoperability Problem which Target End-Users. Proceedings of the International workshop on Ontologies and Information Systems for the Semantic Web (ONISW). Accepted as Position Paper.
2. **Umapathy, K.** (2006). Assessment of Web Services Specifications to Support Long-Running Conversations. Proceedings of the Workshop on Information Technologies and Systems (WITS). <http://ssrn.com/abstract=1025493>
1. **Umapathy, K.**, Purao, S., and Sugumaran, V. (2003). Facilitating Conversations among Web Services as Speech-act based Discourses. Proceedings of the Workshop on Information Technologies and Systems.

Doctoral Consortium

2. **Umapathy, K.** (2007). A Study of Language-Action Perspective as a Theoretical Framework for Web Services. Proceedings of the IEEE Congress on Services (Ph.D. Symposium on Service Computing).
1. **Umapathy, K.** (2006). A Study of Language-Action Perspective as a Theoretical Framework for Web Services. Proceedings of the International Ph.D. Symposium on Service-Oriented Computing.

Book Reviews

2. Huang, H., and **Umapathy, K.** (2007). Review of ICTs and Indian Economic Development: Economy, Work, Regulation. Information Technology and People (ITP), vol.: 20 (3), pp.: 304-305.
1. **Umapathy, K.** (2006). Review of Business Process Management Systems: Strategy and Implementation. Information Technology and People (ITP), vol.: 19 (2), pp.: 188-189.

Posters

11. Copello, E., Smith, J., Mease, A., **Umapathy, K.**, Richard, D., Knight, A-M., Albertie, M., and Apatu, E. (2018). The Design of a Neighborhood Level Community Health Needs Assessment Map Tool for Non-Profit Hospitals. Poster presentation at the 2018 Academy Health Annual Research Meeting, June 24 - 26, 2018, Seattle, Washington.
10. **Umapathy, K.** (2018). Digging into Human Rights Documents. Poster presentation at the UNF International Studies Symposium, March 9, 2018.
9. Joiner, J., and **Umapathy, K.** (2017). Automating CIRI Ratings of Human Rights Reports Using GATE: Evaluation Results. Poster presentation at the UNF DHI Digital Projects Showcase, November 8, 2017.
8. Rousis, G., Carpenter, R., Richard, D., **Umapathy, K.**, Copello, E., Smith, J., and Pandya, H. (2017). Florida Data Science for Social Good (FL-DSSG): Social Trustees of Knowledge with a Unique Capacity to Do Social Good. Poster presentation at the Society of Southeastern Social Psychologists (SSSP), November 3 - 4, 2017, Atlantic Beach, FL.
7. Joiner, J., and **Umapathy, K.** (2016). Automating CIRI Ratings of Human Rights Reports Using GATE. Poster presentation at the UNF DHI Digital Projects Showcase, November 2, 2016.
6. McCarl, C., **Umapathy, K.**, Adelperger, C., Brady, K., and Ross, K. (2016). coloniaLab. Poster presentation at the UNF DHI Digital Projects Showcase, November 2, 2016.
5. **Umapathy, K.** (2015). Computing Senior Capstone Project. Poster presentation at the UNF Community Engaged Scholars Luncheon, November 13, 2015.
4. **Umapathy, K.** (2015). Service Learning Projects – Information Systems Senior Project Course. Invited poster presentation at the UNF CCEC Dean Leadership Council, April 7, 2015.

3. **Umapathy, K.** (2013). NSF funded research project: Digging into Human Rights Violations. Invited poster presentation at the UNF CCEC Dean Leadership Council, April 2, 2013.
2. **Umapathy, K.** and Purao, S. (2006). Designing Under the Influence of Speech-Acts-based Enterprise Integration Patterns. Presented as Demo/Poster at the International Conference on Conceptual Modeling (ER).
1. **Umapathy, K.**, Huang, H. & Xiao, L. (2005). A Case Study: Information and Communication Technologies Adoption in Higher Education in China and India. Presented as Poster in the Twentieth Annual Graduate Exhibition, held at the Pennsylvania State University.

Reports (not peer-reviewed)

7. Richard, D., and **Umapathy, K.** (2018). 2017 FL-DSSG Founders Report. Florida Data Science for Social Good. University of North Florida, Jacksonville, FL. https://works.bepress.com/karthikeyan_umapathy/11/
6. Pandya, H., Rousis, G., Richard, D., and **Umapathy, K.** (2017). Yoga 4 Change: Analyzing Impacts of Yoga Curriculum on Stress and Mood Levels. Florida Data Science for Social Good. University of North Florida, Jacksonville, FL.
5. Carpenter, R., Rousis, G., Richard, D., and **Umapathy, K.** (2017). Changing Homelessness: Creating Profile of Homelessness and Moving Toward Dignity. Florida Data Science for Social Good. University of North Florida, Jacksonville, FL.
4. Copello, E., Smith, J., Richard, D., and **Umapathy, K.** (2017). Mayo Clinic Wellness RX: Helping the Community Address Health Disparities. Florida Data Science for Social Good. University of North Florida, Jacksonville, FL.
3. Miller, B., Xiao, L., and **Umapathy, K.** (2015). Digging into Human Rights Violations: Anaphora Resolution and Emergent Witnesses. White Paper. National Endowment for the Humanities (NEH), Washington, D.C.
2. Ritzhaupt, A.D., **Umapathy, K.**, and Jamba, L. (2008). An Investigation of the AITP Membership Using the Ideal Computing Association Survey. Association of Information Technology Professionals (AITP).
1. Mitra, P., Purao, S., Bagby, J.W., **Umapathy, K.**, and Paul, S. A. (2005). An Empirical Analysis of Development Processes for Anticipatory Standards. NET Institute Working Paper No. 05-18. Available at SSRN: <http://ssrn.com/abstract=850524>.

Miscellaneous (not peer-reviewed)

1. **Umapathy, K.** (2007). Language action perspective. Theories Used in IS Research Wiki. http://istheory.byu.edu/wiki/Language_action_perspective

PRESENTATIONS**Invited Talks/ Panels**

17. Data Science for Social Good: Building Capacity for Data-Driven Decision Making. Invited talk on October 18, 2018 at the Northeast Florida Grant Professionals Association Chapter Meeting. Co-presented along with Dan Richard.
16. Florida Data Science for Social Good (FL-DSSG): Data Science Meets Community Impact. Invited talk on September 25, 2018 at the Jacksonville Big Data Meetup Group. Co-presented along with Dan Richard, Tabitha Powell, Habeeba Siddiqui, and Britni Suprenant.
15. 2018 Florida Data Science for Social Good (FL-DSSG): The Big Reveal. Presented at the 2018 FL-DSSG Big Reveal Event on August 22, 2018. Co-presented along with Dan Richard, Yekaterina (Kat) Bardash, Gabrielle Coker, Crista Cummings, William Giroux, Tabitha Powell, Danish Sayed, Habeeba Siddiqui, and Britni Suprenant.
14. Mayo Clinic Wellness Rx – Florida Data Science for Social Good Project. Invited talk on March 30, 2018 at the UNF CCEC Research Colloquium Series.
13. Florida Data Science for Social Good (FL-DSSG): Program Overview. Invited talk on October 20, 2017 at the UNF CCEC Research Colloquium Series.
12. Florida Data Science for Social Good (FL-DSSG): Data Science Meets Community Impact. Invited talk on September 26, 2017 at the Jacksonville Big Data Meetup Group. Co-presented along with Dan Richard, Evan Copello, Rachel Carpenter, Greg Rousis, and Jason Smith.
11. 2017 Florida Data Science for Social Good (FL-DSSG): The Big Reveal. Presented at the 2017 FL-DSSG Big Reveal Event on August 7, 2017. Co-presented along with Dan Richard, Rachel Carpenter, Evan Copello, Hinal Pandya, Greg Rousis, and Jason Smith.
10. A Meta-Analysis of Pair-Programming in Computer Programming Courses: Implications for Educational Practice. Invited talk on November 4, 2016 at the UNF CCEC Research Colloquium Series. Co-presented along with Albert D. Ritzhaupt.
9. Panel co-moderator along with Dan Richard for Data Ecosystem Panel organized as a part of the Data and Technology Experience, Nonprofit Center of Northeast Florida, Jacksonville, FL. October 25, 2016.
8. Technology and Society. Invited panel member. Spring 2016 International Studies Senior Seminar Lecture Series, UNF, Jacksonville, FL. February 26, 2016.
7. Leveraging Service Computing and Big Data Analytics for E-Commerce. Invited panel member. Workshop on e-Business (WeB) 2015, Fort Worth, TX. December 12, 2015.
6. Panel moderator for 2014 UNF Chief Technology Officers (CTO) Panel Discussions held on October 25, 2014.
5. How are Web Standards Designed and what Avatars got to do with it? Invited talk on March 1 2013 at the UNF CCEC Research Colloquium Series.

4. Digging into Human Rights Violation: What We Know and What We Don't. Invited panel member. June 19, 2012 at the Faculty of Information & Media Studies, Western University, London, Canada.
3. Web of Web Things. Invited Speaker for Joe Berg Seminars of Jacksonville. February 21, 2012 at the Museum of Science and History, Jacksonville, FL.
2. So you want to get your PhD. Panel discussant for encouraging Undergraduate students to pursue doctoral studies. October 20, 2011 at the UNF Honors Program.
1. How to collaborate globally with web services. Presented in Panel Discussion: Socio-Economic Implications of ICTs at the First Interdisciplinary IST Graduate Symposium, held at the Pennsylvania State University.

Conference/Workshop Presentations

27. Block-based versus text-based programming environments on novice student learning outcomes: a meta-analysis study. Paper presented at the 2018 Florida Educational Research Association (FERA), November 14-16, 2018, St. Petersburg, FL. Presented by Xu Zhen.
26. Security and User Experience: A Holistic Model for CAPTCHA Usability Issues. Paper presented at the 2018 Southern Association for Information Systems (SAIS), March 23 to 24, Atlanta, GA, USA.
25. Data Analytics as a Conduit for Progressing Information Systems Research in Nonprofit Organizations. Paper presented at the 2017 Southern Association for Information Systems (SAIS), March 24 to 25, St. Simons Island, GA, USA.
24. A meta-analysis of pair-programming in computer programming courses: Implications for educational practice. Invited presentation of the ACM TOCE Journal Paper at the 2017 ACM SIGCSE Technical Symposium, March 8 - 11, Seattle, WA, USA.
23. A Research Plan to Study Impact of a Collaborative Web Search Tool on Novice's Query Behavior. Paper presented at the 2016 International Conference on Collaboration Technologies and Systems (CTS), October 31 to November 4, Orlando, FL, USA.
22. A meta-analysis of pair-programming in computer programming courses: Implications for educational practice. Paper presented at the 2016 American Educational Research Association (AERA) Annual Meeting, April 8 - 12, Washington, DC, USA. Presented by Albert D. Ritzhaupt.
21. Investigating IT Standardization Process through the lens of Theory of Communicative Action. Paper presented the 2015 Workshop on e-Business (WeB), Fort Worth, TX, USA.
20. A Preliminary Study of Information Technologies Usage in Nonprofit Organizations. Paper presented at the 2015 Americas Conference on Information Systems (AMCIS), Puerto Rico, USA.
19. Conceptual Model of Website Design Elements that Influences Credibility and Trustworthiness. Paper presented at the 2015 Southern Association for Information Systems (SAIS), Hilton Head, South Carolina, USA. March 20 – 21, 2015.

18. Review of Web Service Specifications for Long-running Conversations. Paper presented at the Conference on Information Systems Applied Research (CONISAR), Baltimore, Maryland, USA. November 6 – 9, 2014.
17. IS Senior Project-Service Learning Course. Presented at the Florida Campus Compact STEM Faculty Scholars Institute, Orlando, Florida. May 13 – 14, 2013.
16. Comparing Performance of Web Service Interaction Styles: SOAP vs. REST. Paper presented at the Conference on Information Systems Applied Research (CONISAR), New Orleans, Louisiana, USA. November 1 – 4, 2012. **Won Conference Best Paper Award.**
15. Role of Professional Associations in Preparing, Recruiting, and Retaining Computing Professionals. Paper presented at the ACM SIGMIS Computer Personnel Research (CPR) Conference, San Antonio, Texas, USA. May 20-21, 2011.
14. Analyzing Web Service Choreography Specifications Using Colored Petri Nets. Paper presented at the Sixth International Conference on Design Science Research in Information Systems and Technology (DESRIST), Milwaukee, WI, USA. May 5-6, 2011.
13. Requirements to support Collaborative Sensemaking. Paper presented at the 2010 International Workshop on Collaborative Information Seeking, Savannah, USA.
12. Analyzing Processes behind Web Service Standards Development. Paper presented at the Eight Workshop on eBusiness, Phoenix, USA. December 15, 2009.
11. An Investigation of W3C Standardization Processes Using Rational Discourse. Paper presented at the 2009 AIS Special Interest Group on Pragmatist IS Research (SIGPrag) meeting, Phoenix, USA.
10. Factors that Persuade and Deter Membership in Professional Computing Associations. Paper presented at the 2009 Conference on Information Systems Applied Research (CONISAR), Washington DC, USA.
9. From Service Conversation Models to WS-CDL. Paper presented at the 2009 Americas Conference on Information Systems (AMCIS), San Francisco, USA.
8. Computing Professional Association Membership: An Exploration of Membership Needs and Motivations. Paper presented at the 2008 Conference on Information Systems Applied Research (CONISAR), Phoenix, USA. **Meritorious Award Winning Paper.**
7. Designing Enterprise Integration Solutions - Effectively. Paper presented at the 2008 International Conference on Design Science Research in Information Systems and Technology (DESRIST), Atlanta, USA. **Nominated for Best Paper Award.**
6. Towards A Theoretical Foundation for Web Services – The Language-Action Perspective (LAP) Approach. Paper presented at the 2007 IEEE International Conference on Services Computing (SCC), Salt Lake City, USA.
5. A Study of Language-Action Perspective as a Theoretical Framework for Web Services. Paper presented at the 2007 IEEE Congress on Services (Ph.D. Symposium on Service Computing), Salt Lake City, USA.

4. Towards Co-Design of Business Process and Information Systems Using Web Services. Paper presented at the 2007 Hawaii International Conference on System Sciences (HICSS), Big Island, USA.
3. Assessment of Web Services Specifications to Support Long-Running Conversations. Paper presented at the 2006 Workshop on Information Technologies and Systems (WITS), Milwaukee, USA.
2. A Study of Language-Action Perspective as a Theoretical Framework for Web Services. Paper presented at the 2006 International Ph.D. Symposium on Service-Oriented Computing, Chicago, USA.
1. Designing Enterprise Solutions with Web Services and Integration Patterns. Paper presented at the 2006 IEEE International Conference on Services Computing (SCC), Chicago, USA.

TEACHING

University of North Florida

Undergraduate Courses

- Introduction to Object Oriented Programming with Java (COP 2551) – Fall 2007, Spring 2008, Fall 2008, Fall 2009, Fall 2010, Fall 2013
- Information Processing: Requirements Identification and Specification (CGS 4308) – Spring 2008, 2009, 2010, 2013, 2014
- Web Access and Systems Design (COP 3855) - Fall 2008, Spring 2009, Fall 2009, Fall 2010, Spring 2011, Fall 2011, Fall 2012, Fall 2013, Fall 2014, Spring 2015, Fall 2015, Fall 2017, Spring 2018
- Information Systems Senior Project I (CIS 4327) – Fall 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018
- Information Systems Senior Project II (CIS 4328) – Spring 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
- Expert Systems and Decision Support (CIS 4510 – Summer 2009, 2011, Fall 2012, Summer 2013 (Online)
- Expert Systems and Decision Support (CIS 4618) – Online – Summer 2015, 2016, 2017, 2018
- Introduction to Artificial Intelligence (CAP 4630) – Summer 2009
- Introduction to Visual and Procedural Programming (COP 2010) – Fall 2011
- Gaming and Mobile Apps Capstone I (CIS 4593) – Fall 2011, 2013
- Gaming and Mobile Apps Capstone II (CIS 4594) – Spring 2012, 2014
- Systems Integration (CEN 4801) – Spring 2012
- TLO: Website & App Development for Community – Spring 2014

Undergraduate Directed Independent Studies

- Ryan Geddings – Profiling Nonprofit IT Research in Computer Database Digital Library – Summer 2018
- Uche Onyibe – Text Mining Platforms for Analyzing Nonprofit Documents – Spring 2018
- Chaylor Kern – Y4C Attendance Record Sheets Project – Fall 2017

- Molly Johnson – User Experience Design – Spring 2017
- Adam Hett and Molly Johnson – Web Systems Development – Summer 2016
- Rachel Bennet – XML Foundations and Encoding TEI-XML Documents – Spring 2016
- Krishna Glick – MEEQS: A Restaurant Rating Web App – Summer 2015
- Robert Goodman – Data Mining with Neural Networks – Spring 2015
- James Bradley Hamilton – Twitter Data Mining: insight into the #ows and #anonymous communities - Spring 2013
- Brian Castaneda – Symposium Voting Tracker System – Spring 2013
- Randall Grice – Cloud Computing and Grid Services – Summer 2012
- Thomas John - Applications and uses of the National Transit Dataset with Florida Transit Information System – Spring 2012
- Evan Sharp - Computer Generated Environments In Gaming – Spring 2012

Graduate Courses

- Web Engineering (CEN 6036) – Spring 2016, 2018
- Web Engineering (CEN 6036) – Online – Spring 2019
- Interface Design and Implementation (CAP 6100) – Fall 2014, 2015, 2016, 2017, 2018
- Introduction to Artificial Intelligence (CAP 5605) – Summer 2009
- Systems Integration (CEN 5805) – Spring 2012

Graduate Directed Independent Studies

- Anusha Srialluri – Profiling Nonprofit Research in AIS Digital Library – Summer 2018
- Ethi Pahuja – Profiling Nonprofit Research in ScienceDirect Digital Library – Summer 2018
- Pavan S. Mudundi – Profiling Nonprofit Research in IEEE Digital Library – Summer 2018
- Raghu Talluri – Profiling Nonprofit Research in ACM Digital Library – Summer 2018
- Sushma Alchuru – Profiling Nonprofit Research in Engineering Village Digital Library – Summer 2018
- Vivekanand Madesi – Profiling Nonprofit Research in Springer Digital Library – Summer 2018
- Mareh Al-Sammarraie – Qualitative Analysis of the Collaborative Query Reformulation Behavior – Summer 2017
- Mareh Al-Sammarraie – Collaborative Information Seeking and Query Behavior – Spring 2016
- Iman Elshaar – Using Technology to Improve Reporting of Domestic Violence – Fall 2015
- Doaa H. Gamal – Business Intelligence and Big Data with focus on Network Mining – Fall 2013
- Sumona Balla – Experiential Studies in Computing – Summer 2013
- Anusha Srialluri – TLO Project: Website for Legal Rescue – Summer 2012
- Chirag Rana – Comparative Report on Service Choreography and Coordination Standard Specifications – Summer 2012

DISSERTATION/ THESIS COMMITTEES**M.S Thesis Chair**

14. **Jacob M. Koza** (Spring 2019). Active Analytics: Suggesting Navigational Links to Users Based on Temporal Analytics Data. M.S. in Computing and Information Sciences, University of North Florida.
13. **Adetunji A. Olunuga** (Spring 2019). Profile Analysis of Mobile Application Security. M.S. in Computing and Information Sciences, University of North Florida.
12. **Christopher Travis LaValley** (Summer 2018). Holistic Model of Website Design Elements that Influence Trustworthiness. M.S. in Computing and Information Sciences, University of North Florida.
11. **Joshua Joiner** (Spring 2018). Automating CIRI Ratings of Human Rights Reports Using GATE. M.S. in Computing and Information Sciences, University of North Florida.
10. **Lucas B. Coffey** (Spring 2018). Assessing Ratio-based Fatigue Indexes using a Single Channel EEG. M.S. in Computing and Information Sciences, University of North Florida.
9. **Dishi Shrivastava** (Fall 2017). The Impact of Social Presence and User Experience on Gender Sensitive e-Tailing Websites. M.S. in Computing and Information Sciences, University of North Florida.
8. **Mareh Fakhir Al-Sammarraie** (Summer 2017). An Empirical Investigation of Collaborative Web Search Tool on Novice's Query Behavior. M.S. in Computing and Information Sciences, University of North Florida.
7. **Hibah A. Khalil** (Spring 2017). The Role of the Quality of a Website in Consumer Perception. M.S. in Computing and Information Sciences, University of North Florida.
6. **Doaa H. Gamal** (Spring 2017). Social Networks Influence Analysis. M.S. in Computing and Information Sciences, University of North Florida.
5. **William R. Carle II** (Spring 2016). Active Analytics: Adapting Web Pages Automatically Based on Analytics Data. M.S. in Computing and Information Sciences, University of North Florida.
4. **Mwaka Mahanga** (Spring 2015). Unknown Exception Handling Tool Using Humans as Agents. M.S. in Computing and Information Sciences, University of North Florida.
3. **Britto N. Arockiasamy** (Fall 2014). Trustworthiness of Web Services. M.S. in Computing and Information Sciences, University of North Florida.
2. **Chirag N. Rana** (Spring 2014). Enabling One-Phase Commit (1PC) Protocol for Web Service Atomic Transaction (WS-AT). M.S. in Computing and Information Sciences, University of North Florida.
1. **Enrique Caliz** (Spring 2010). Analysis of WS-CDL Specifications using Colored Petri Nets. M.S. Computer and Information Sciences, University of North Florida.

M.S Thesis Committee Member

12. **Katharine C. Brown** (Fall 2018). A Consideration of Mason's Ethical Framework: The Importance of PAPA Factors in the 21st Century: A Seven-Year Study. M.S. in Computing and Information Sciences, University of North Florida.
11. **Nathan Wheeler** (Fall 2018). On the Effectiveness of an IOT - FOG - Cloud Architecture for a Real-World Application. M.S. in Computing and Information Sciences, University of North Florida.
10. **Larry D. Snedden** (Fall 2017). Improving Search Ranking Using a Composite Scoring Approach. M.S. in Computing and Information Sciences, University of North Florida.
9. **Jason Frier** (Spring 2017). Genetic Algorithms as a Viable Method of Obtaining Branch Coverage. M.S. in Computing and Information Sciences, University of North Florida.
8. **Chanchal Khatwani** (Spring 2017). Security Analysis of ECC Based Protocols. M.S. in Computing and Information Sciences, University of North Florida.
7. **Priyanka Dhoopa Harish** (Fall 2015). Towards Designing Energy-Efficient Secured Hashes. M.S. in Computing and Information Sciences, University of North Florida.
6. **Neha Vilas Soni** (Summer 2015). An Empirical Performance Analysis of IaaS Clouds with Cloudstone Web 2.0 Benchmarking Tool. M.S. in Computing and Information Sciences, University of North Florida.
5. **Jeffrey B. Gouge** (Summer 2015). A Targeted Denial of Service (DOS) Attack on Data Caching Networks. M.S. in Computing and Information Sciences, University of North Florida.
4. **Jaime Kaufman** (Fall 2014). A Hybrid Approach to Music Recommendation: Exploiting Collaborative Music Tags and Acoustic Features. M.S. in Computing and Information Sciences, University of North Florida.
3. **Lucas M. Downard** (Spring 2013). The Effect Overall Density Plays On Performance and Preference in a Windowed Environment. M.S. in Computing and Information Sciences, University of North Florida.
2. **Jim Littleton** (Spring 2012). ColorDots: An Intersection Analysis Resistant Graphical Password Scheme for the Prevention of Shoulder-surfing Attack. M.S. Computer and Information Sciences, University of North Florida.
1. **Pavan Kumar Potti** (Spring 2011). On The Design Web Services: SOAP vs. REST. M.S. Computer and Information Sciences, University of North Florida.

SERVICE

Outreach and Advisory Board Representations

- UNF representative in the St. Johns County School District IT Council Board, since September 2015.
 - Chair of Transforming Teaching and Learning committee within the council.
- Southern Association for Information Systems (SAIS) Chapter Board Member, since 2016.
- Advisory member for 2016 Data and Technology Summit organized by the Nonprofit Center of Northeast Florida.
- Mentor/Coach for 2015 and 2016 Jacksonville Startup Weekend organized by iStartJax.
- Advisory Board member of Eight Technologies, LLC.

Center/Institute/Initiatives

- Co-Program Director for Florida Data Science for Social Good (FL-DSSG) Program.
- Digital Humanities Initiative Advisory Council Member: 2015 – 2017
 - Events Committee member

Professional

- Managing Editor for Journal of Southern Association of Information Systems (JSAIS), since 2017
- Executive Editor for Information Systems Frontiers (ISF), since 2017
- Coordinating Editor for Information Systems Frontiers (ISF), 2014 to 2017
- Americas Conference on Information Systems (AMCIS) 2016 Emergent Research Forum (ERF) Co-Chair
- Publicity Chair for International Conference on Design Science Research in Information Systems and Technology (DESRIST) 2009, 2010, 2011
- Editorial Board member
 - Information Systems Education Journal (ISEDJ), since 2009
 - Journal of Information Systems Applied Research (JISAR), since 2012
 - Journal of Database Management (JDM) 2008, Special Issue on Service-oriented Computing
- Associate Editor for
 - International Conference on Information Systems (ICIS) 2012
 - European Conference on Information Systems (ECIS) 2013
- Program Committee member for
 - ACM SIGMIS Computer Personnel Research (CPR) Conference 2011, 2012, 2014, 2015, 2016
 - Design Science Research in Information Systems and Technology (DESRIST) 2009, 2014, 2015, 2016, 2017
 - IEEE Service Computing Conference (SCC) 2008, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2018
 - International Conference on Service Oriented Computing (ICSOC) 2006, 2007
 - ACM Symposium on Applied Computing (SCM), Special track on Middleware Engineering 2008

- IEEE International Workshop on Middleware Engineering (ME) 2009, 2010, 2011
- Grant proposal reviewer for
 - National Science Foundation (NSF) CSforAll solicitation, 2017.
 - Research Tools and Instruments Grants Program, Natural Sciences and Engineering Research Council of Canada, 2012
- Reviewer for
 - MIS Quarterly 2009, 2010, 2011
 - Journal of the Association for Information Systems 2010, 2015, 2016, 2017
 - The DATA BASE for Advances in Information Systems 2009, 2015, 2016
 - AIS Transactions on Human-Computer Interaction 2010
 - Journal of Database Management (JDM) 2007
 - Software and Systems Modeling 2011
 - International Journal of Information Technology and Management (IJITM) 2005
 - International Conference on Information Systems (ICIS) 2004, 2007, 2008, 2009, 2010, 2013, 2015, 2016, 2018
 - IEEE Service Computing Conference (SCC) 2005, 2007
 - Americas Conference on Information Systems (AMCIS) 2008, 2009, 2010, 2011
 - Design Science Research in Information Systems and Technology (DESRIST) 2011
 - Hawaii International Conference on System Sciences (HICSS) 2008
 - European Conference on Information Systems (ECIS) 2011, 2016, 2019
 - European Journal on Information Systems (EJIS) 2015, 2016
 - IEEE/IFIP International Conference on Dependable Systems and Networks, for the Dependable Computing and Communication Symposium (DCCS) track 2006
 - Information Systems Frontier (ISF) 2011, 2015
 - IEEE Transactions on Service Computing (TSC) 2012, 2014
 - Pacific Asia Conference on Information Systems (PACIS) 2012
 - ACM SIGMIS Computer Personnel Research (CPR) Conference 2013
 - Information Systems and e-Business Management (ISeB) 2013, 2014, 2015, 2016, 2017, 2018
 - Artificial Intelligence in Medicine 2014
 - Focal Press Book Proposal Review 2014
 - Southern Association of Information Systems (SAIS) 2015, 2016, 2017, 2018
 - ACM Transactions on Management Information Systems (TMIS) 2015, 2017, 2018
 - Production Planning & Control Journal 2016
 - IEEE Transactions on Education (ToE) 2017
 - Human Technology 2018
 - Information Systems Journal 2018
- Conference Session Chair
 - 2018 Southern Association for Information Systems (SAIS) Conference, Session: 2C – Security
 - 2017 Southern Association for Information Systems (SAIS) Conference, Session: 5B – Business Analytics
 - 2017 ACM SIGCSE Symposium, Session 11L: Transactions on Computing Education 2
 - 2016 Southern Association for Information Systems (SAIS) Conference, Session: 3A – Social Presence Theories

- 2015 Southern Association for Information Systems (SAIS) Conference, Session: 1B – Trust and Credibility
- 2014 Information Systems Education Conference (ISECON), Session: Teaching cases and Abstracts
- 2011 ACM SIGMIS Computer Personnel Research (CPR), Session: IT Workforce Management II
- 2009 International Conference on Design Science Research in Information Systems and Technology (DESRIST), Session: Domain-Specific Design Research
- 2009 Workshop for e-Business (WeB), Session: Web Services & Architecture
- 2007 IEEE Service Computing Conference (SCC), Session: Research Session 10

University

- Department level
 - Chair of SoC Symposium Committee, January 2011 – Present
 - Chair of Assessment Committee, January 2013 – December 2013
 - Assessment Committee, January 2014 – August 2014
 - Search Committee, August 2010 – August 2011, August 2012 – 2015, August 2016 – Present
 - Scholarship Selection Committee, May 2012 – Present
 - Graduate Program Committee, August 2010 – Present
 - Suspension Review Committee, August 2012 – August 2014
 - AdHoc Information Systems & Science Taskforce, August 2012 – August 2013, August 2015 – Present
 - AdHoc Information Technology Taskforce, August 2012 – August 2013
 - Chair of Computing Resources Committee, January – August 2009
 - Computing Resources Committee, January 2009 – August 2010
 - School of Computing Curriculum Committee, August 2009 – August 2010
 - School of Computing Director Advisory Committee, January – August 2009
- College level
 - CCEC Selection Committee for Outstanding Graduate Teaching Award, August 2010 – December 2010, August 2011 – January 2012, August 2012 – December 2012
 - CCEC Selection Committee for Outstanding Undergraduate Teaching Award, August 2011 – January 2012
- University level
 - Outstanding Faculty Community Engaged Scholarship Award Selection Committee, 2014 – Present
 - Undergraduate Studies Council, August 2012 – Present
 - University Technology Committee, October 2013 – Present
 - CCBL Director Search Committee, May 2016 – August 2016, January 2019 – Present (chair)
 - UNF Constitution Convention, October 2013 – April 2014
 - Adjuncts Affair Committee, August 2009 – August 2013
 - Space Committee, August 2012 – August 2013
 - Outstanding Faculty Service Award Selection Committee, January – April 2012
 - Research Committee, August 2008 – August 2010

- Ad hoc Internet Presence CMS Gap Analysis Committee, August 2014 – December 2014

PROFESSIONAL AFFILIATIONS

- Member of Association of Information Systems (AIS), since 2003.
- Member of Institute of Electrical and Electronics Engineers (IEEE), since 2005.
- Member of Association of Information Technology Professionals, since 2008.
- Member of Education Special Interest Group of Association of Information Technology Professionals (AITP), since 2008.
- Member of Association for Computing Machinery (ACM), since 2010.
- Member of IEEE Computer Society, since 2011.
- Member of Phi Kappa Phi Honor Society, since 2017.