

Dr. Ahmed M. Mahdy

Texas A&M University-Corpus Christi
Science & Engineering, Engineering & Computing Sciences
Office: Center for Instruction 324, Office Phone: (361) 825-3172, Email: ahmed.mahdy@tamucc.edu

Education

PhD, University of Nebraska-Lincoln, 2005.

MS, University of Nebraska-Lincoln, 2001.

BS, Cairo University, 1998.

Professional Employment

Associate Professor, Texas A&M University-Corpus Christi. (September 2011 - Present).

Assistant Professor, Texas A&M University-Corpus Christi. (September 2005 - August 2011).

Graduate Assistant, University of Nebraska-Lincoln. (January 2000 - May 2005).

Lecturer, Cairo University. (September 1998 - January 2000).

TEACHING

Teaching Experience

COSC 1436, INTRO TO PROB SOLVING COMPII
COSC 3370, SOFTWARE ENGINEERING
COSC 3380, UNDERGRAD RSRCH EXPERIENCE
COSC 4354, SENIOR CAPSTONE PROJECT
COSC 4590, SELECTED TOPICS: Wireless Sensing of Marine Data
COSC 5312, FND IN PROG-PROB SOLVING II
COSC 5357, WIRELESS SENSOR NETWORKS
COSC 5370, ADVANCED SOFTWARE ENGINEERING
COSC 5393, RESEARCH METHODS IN COMP SCIEN
COSC 5396, Collision Avoidance Algorithm For Small Unmanned Aerial Vehicles
COSC 5398, THESIS I
COSC 5399, THESIS II
COSC 5590, WIRELESS SENSOR NETWORKS
COSC 5999, ADV RESEARCH IN COMPUTER SCI
HONR 4195, PROJECT OF EXCELLENCE

Non-Credit Instruction

Situation-Aware Mobile Infrastructure, Department of Computing Sciences. (April 2010).
Introduction to Scientific Research, McNair Scholars Program. (2007).

SCHOLARLY AND CREATIVE ACTIVITIES

Publications

Refereed

Books

Mahdy, A. M. (2012). *Wireless Networks: Mobile Broadband Infrastructure* (pp. 156). LAP.

Conference Proceedings

Gudala, A., Li, L., Kar, D. C., Mahdy, A. M., Ming, X. (2011). *A holistic schema matcher*. Wuhan: 2011 International Conference on Automation, Communication, Architecture and Material (ACAM 2011).

Akkaladevi, S., Katangur, A. K., Luo, X., Mahdy, A. M. (2011). *Role Of Intrusion Detection Systems*. The International Academy of Business and Public Administration Disciplines, IABPAD January 3-6, 2011 Orlando, FL.

Schendel, E., Mahdy, A. M. (2010). *Archiving with Athamas: A Framework for Optimized Handling of Domain Knowledge* (pp. 179-188). The International Conference on Advances in Databases, Knowledge, and Data Applications.

Dong, B., Mahdy, A. M. (2009). *A Design of an Underwater Localization System Using SemiDefinite Programming*. IEEE/ACM International Conference on Distributed Computing In Sensor Systems, WIP session.

Honer, R., Mahdy, A. M. (2009). *Emerging Urban Applications of Broadband Optical Wireless Networking* (pp. 36-42). The International Conference on Emerging Network Intelligence.

Dong, B., Mahdy, A. M. (2009). *GPS-Free Localization Schemes for Underwater Wireless Sensor Networks* (pp. 244-248). The International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies.

Mahdy, A. M. (2008). *Marine Wireless Sensor Networks: Challenges and Applications* (pp. 530-535). International Conference on Networking (ICN).

Mahdy, A. M., Deogun, J. S. (2008). *Stable and Fair MANETs: A Scalable Multi-Measure Clustering Framework* (pp. 131-136). International Conference on Networking (ICN).

Mahdy, A. M., Deogun, J. S., Wang, J. (2007). *A Dynamic Approach for the Selection of Super Peers in Ad Hoc Networks* (pp. 18-23). International Conference on Networking (ICN).

Mahdy, A. M., Deogun, J. S. (2007). *Optimizing Free Space Optics for City-Wide Wireless Networks* (pp. 66-71). International Conference on Networking (ICN).

Journal Articles

Siddiqui, B., Mahdy, A. M. (2015). Storage Virtualization: Towards an Efficient and Scalable Framework. *International Journal of Computer Networks*, 7(1), 12-17.

Gudala, A., Li, L., Kar, D., Mahdy, A. M., Xiao, M. (2011). A Holistic Schema Matcher. *Advanced Materials Research*, 225-226, 1242-1245.

Kamapantula, B. K., Mahdy, A. M. (2011). Forecasting Red Tides Using a Novel Multi-Metric Adaptive Routing Algorithm in Underwater Wireless Sensor Networks. *Journal of Communications and Information Sciences*, 1(2), 22-31.

Rojas, D., Mahdy, A. M. (2011). Integrating Threat Modeling in Secure Agent-Oriented Software Development. *International Journal of Software Engineering*, 2(3), 23-36.

Mahdy, A. M., Li, D. (2010). A Hybrid Route Prediction Algorithm for Efficient QoS Support in Wireless Cellular Networks. *International Journal of Information Processing and Management*, 1(2), 115-123.

Mahdy, A. M., Deogun, J. S. (2010). Adaptive Optical Wireless Networks: End-to-End Link Delay Optimization. *Journal of Convergence Information Technology*, 5(8), 9-20.

Mahdy, A. M., Groenke, J. (2010). Target Tracking in Marine Wireless Sensor Networks. *Journal on Advances in Networks and Services*, 3(1), 96-106.

Dong, B., Mahdy, A. M. (2010). Underwater Wireless Sensor Networks: Efficient Localization Schemes using SemiDefinite Programming. *Journal on Advances in Networks and Services*, 3(1), 179-188.

Mahdy, A. M. (2008). A Perspective on Marine Wireless Sensor Networks. *Journal of Computing Sciences in Colleges*, 23(6), 89-96.

Chait, D., Mahdy, A. M. (2008). A Survey of Quantum and Classical Cryptography. *Journal of Computing Sciences in Colleges*.

Dong, B., Mahdy, A. M. (2008). A Survey of Underwater Wireless Sensor Networks. *Journal of Computing Sciences in Colleges*.

Mahdy, A. M., Perez, J. (2008). A Survey of Wireless Network Security Protocols. *Journal of Computing Sciences in Colleges*.

Dong, B., Schendel, E., Mahdy, A. M. (2008). Data Handling Integration Bus for Wireless Sensor Networks. *Journal of Computing Sciences in Colleges*.

Salazar, A., Mahdy, A. M. (2008). General-Purpose Computation Using Graphics Processing Units. *Journal of Computing Sciences in Colleges*.

Master's Thesis

Ersoy, I. B., Mahdy, A. M., Fernandez, J. D., King, S. A. *Knowledge temple: a collaborative knowledge sharing technique for agile software development*. hdl.handle.net/1969.6/490

Non-Refereed

Journal Articles

Ersoy, B., Mahdy, A. (2015). Agile Knowledge Sharing. *International Journal of Software Engineering (IJSE)*, 6(1), 1 - 15.
www.cscjournals.org/library/manuscriptinfo.php?mc=IJSE-152

Poster

Cosio, M., Mahdy, A. M. (2015). *Alternative Method to Unstable Structure Searching*. 2015 Annual Computing Alliance for Hispanic Serving Institutions (CAHSI) Summit.

Rios, C., Mahdy, A. M. (2015). *Controlling an UAV using Augmented Reality*. 2015 Annual Computing Alliance for Hispanic Serving Institutions (CAHSI) Summit.

Lynch, J., Mahdy, A. M. (2015). *Human Machine Interaction for a Semi-Autonomous Robot for Disaster Relief Efforts*. 2015 Annual Computing Alliance for Hispanic Serving Institutions (CAHSI) Summit.

Nguyen, J., Mahdy, A. M. (2015). *Semi Autonomous Surveyor and Rescue Robotics Platform*. 2015 Annual Computing Alliance for Hispanic Serving Institutions (CAHSI) Summit.

Presentations

Mahdy, A. M., "Research Collaboration: Benefits, Challenges, and How to Make it Work," AISGE AGEP Workshop on Energy and Sustainability, Texas A&M University, College Station. (April 2014).

Trombly, A. (Author), Mahdy, A. M. (Author), "Agile Practices for Mobile Software Development." (2013).

Garcia, R. (Author), Mahdy, A. M. (Author), "Towards Remotely Managing Wireless Sensor Networks using Mobile Devices: Developing the Application." (2013).

Mahdy, A. M. (Presenter), "The Future of Innovative Computing," Ideas Week, Corpus Christi, TX. (October 2012).

Mahdy, A. M. (Presenter), "Underwater Wireless Sensor Networks for Environmental Monitoring," CREST-RESSACA Environmental and Energy Sustainability Conference, Houston, TX. (April 2012).

Mahdy, A. M., "Innovation in Computing Research," TAMUCC, TAMUCC. (2011).

Mahdy, A. M., "Situation-Aware Mobile Infrastructure," CSCI Seminar. (April 2010).

Abudiab, M. A. (Author & Presenter), Mahdy, A. M. (Author), "Diversity of Cyberinfrastructure: An Opportunity for Enhanced Education and Research," 14th Annual Consortium for Computing in Small Colleges Central Plain Conference, Computing in Small Colleges. (April 4, 2008).

Contracts, Grants and Sponsored Research

Grant

Rahnemoonfar, Maryam (Supporting), Mahdy, Ahmed Mahmoud (Principal), "Development of an Integrated Gas Monitoring and Source Identification Unmanned Aircraft System for Exploration, Compliance and Assessment," Sponsored by NSF, Federal, \$539,998.00. (January 2016 - Present).

Bridges, David (Co-Principal), Mahdy, Ahmed Mahmoud (Principal), Gibeaut, James (Co-Principal), Coffin, Richard (Co-Principal), Starek, Michael John (Co-Principal), "MRI: Development of an Integrated Gas Monitoring and Source Identification Unmanned Aircraft System for Exploration, Compliance and Assessment," Sponsored by National Science Foundation, Federal, \$539,998.00. (September 1, 2016 - August 31, 2019).

Mahdy, Ahmed Mahmoud (Principal), "MRI: Development of an Integrated Gas Monitoring and Source Identification Unmanned Aircraft System for Exploration, Compliance and Assessment," Sponsored by NSF, Federal, \$539,998.00. (September 2016 - August 2019).

Mahdy, Ahmed Mahmoud (Principal), "Exploring the Computing and Software Needs of Next-Generation Unmanned Aerial Systems," Sponsored by NSF, Federal, \$16,000.00. (September 2015 - August 2016).

Mahdy, Ahmed Mahmoud (Co-Principal), "Broadening Participation in Computing: Computing Alliance for Hispanic Serving Institutions," Sponsored by NSF, Federal, \$3,495,266.00. (September 2010 - August 2016).

Mahdy, Ahmed Mahmoud (Principal), "Immersive Gesture-Based Interaction Experience for the Corpus Christi Museum of Science and History," Sponsored by Texas A&M University-Corpus Christi, \$11,808.00. (February 2013 - August 2013).

Simionescu, Petru-Aurelian (Principal), Um, Dugan (Supporting), Mahdy, Ahmed Mahmoud (Supporting), "* NASA Lunabotics Mining Competition," Sponsored by NASA Minority Innovation Challenges Institute, Federal, \$4,000.00. (January 15, 2013 - June 30, 2013).

Mahdy, Ahmed Mahmoud (Principal), "Situation-Aware Emergency Informatics: Novel On-the-Move Mobile Infrastructure," Texas A&M University-Corpus Christi, \$25,000.00. (June 2012 - June 2013).

Kar, Dulal C (Principal), Mahdy, Ahmed Mahmoud (Co-Principal), Li, Longzhuang (Co-Principal), "REU: Applied Computing Research in Wireless Sensing of Marine Data," Sponsored by NSF, Federal, \$269,293.00. (June 1, 2010 - May 31, 2013).

Simionescu, Petru-Aurelian (Principal), Mahdy, Ahmed Mahmoud (Supporting), Um, Dugan (Supporting), "* NASA Lunabotics Mining Competition," Sponsored by NASA Minority Innovation Challenges Institute, Federal, \$4,000.00. (September 1, 2011 - June 30, 2012).

Mahdy, Ahmed Mahmoud (Principal), "Underwater Wireless Sensor Networks: An Enabling Technology for Marine Research," Texas A&M University-Corpus Christi, \$27,000.00. (September 2009 - August 2011).

Fernandez, John D, Garcia, Mario A, Kar, Dulal C, King, Scott Alan, Li, Longzhuang, Mahdy, Ahmed Mahmoud, Katangur, Ajay Kumar, "CRI: IAD – Computing Infrastructure for Research-Based Learning (CIRBL)," Sponsored by NSF, Federal, \$650,000.00. (August 10, 2007 - August 31, 2011).

Mahdy, Ahmed Mahmoud (Principal), "A WSN Tracking System for Weather Forecasting and Environment Monitoring," Sponsored by Texas Higher Education Assistance Fund, \$15,000.00. (August 2010 - 2010).

Mahdy, Ahmed Mahmoud (Principal), "A Broadband Free Space Optical Network for the Wireless Internet," Texas A&M University-Corpus Christi, \$26,952.00. (September 2008 - August 2010).

Mahdy, Ahmed Mahmoud (Principal), "Securing, Extending, and Leveraging City-Wide WiFi Networks: The Pioneer Corpus Christi Case," Sponsored by Texas Research Development Fund, \$33,150.00. (September 2006 - August 2007).

Mahdy, Ahmed Mahmoud (Principal), "Secure Broadband Optical Wireless Infrastructure For Ad Hoc Networks," Sponsored by Texas Research Development Fund, \$28,000.00. (November 2005 - October 2006).

Sponsored Research

Mahdy, Ahmed Mahmoud (Principal), "Founding The Innovation in Computing Research Labs (iCORE)," Sponsored by City of Corpus Christi and Texas A&M University-Corpus Christi, \$350,000.00. (2012 - Present).

Mahdy, Ahmed Mahmoud (Principal), "Investigating Optimal Human-Computer Interaction Techniques for the Real Estate Industry," Sponsored by Balcony Realty, LLC, Private, \$158,592.00. (June 2014 - May 2016).

Mahdy, Ahmed Mahmoud (Principal), "Remote and Mobile Incident Reporting for Emergency Responders," Sponsored by UPD, Texas A&M University-Corpus Christi, \$49,217.00. (November 2012 - May 2015).

Mahdy, Ahmed Mahmoud (Principal), "Innovative Software Development for Probation Management," Sponsored by Nueces County Community Supervision and Corrections Department, Other, \$184,187.00. (September 2012 - August 2014).

Mahdy, Ahmed Mahmoud (Principal), "Novel Human-Computer Interaction for Enhanced Learning and Operation,," Sponsored by Corpus Christi Independent School District, Other, \$42,144.00. (September 2012 - August 2014).

Mahdy, Ahmed Mahmoud (Principal), "Information Security Education and Awareness," Sponsored by Information Security Office, Texas A&M University-Corpus Christi, \$14,196.00. (June 2012 - January 2013).

Mahdy, Ahmed Mahmoud (Principal), "The Development of a Mobile App for Texas A&M University-Corpus Christi," Texas A&M University-Corpus Christi, \$9,838.00. (March 2012 - June 2012).

Scholarly and Creative Awards and Honors

University of Nebraska-Lincoln. (2000).

SERVICE

Department

Committee Member, ABET Committee for Computer Science. (February 2013 - Present).
Committee Chair, Computer Science Search Committee. (October 2012 - Present).
Committee Chair, Geospatial Computer Science Search Committee. (October 2012 - Present).
Committee Member, Promotion and Tenure Committee. (September 2011 - Present).
Committee Member, Research and Scholarship Committee. (August 2010 - Present).
Committee Chair, Industrial Advisory Board. (2010 - Present).
Committee Member, Networking and Security Affinity Research Group. (August 2007 - Present).
Committee Chair, Software Engineering Affinity Research Group. (August 2007 - Present).
Committee Member, Graduate Studies Committee. (2007 - Present).
Committee Member, Undergraduate Computer Science Catalog. (2014 - 2015).
Committee Chair, Undergraduate Studies Committee. (2006 - 2015).
Committee Member, Graduate Admissions Committee. (2008 - 2014).
Committee Chair, Undergraduate Computer Science Catalog. (2007 - 2014).
Committee Member, Geospatial Computer Science Search Committee. (October 2011 - May 2012).
Committee Chair, Computer Science Website Task Force. (July 2010 - August 2010).
Committee Member, External Funding Committee. (August 2008 - August 2010).
Committee Member, Mechanical Engineering Technology Search Committee. (January 2009 - May 2009).

Committee Chair, Operating Procedures Committee. (August 2007 - January 2009).
Committee Member, Program Evaluation Committee. (August 2007 - January 2009).
Committee Member, Mechanical Engineering Search Committee. (January 2008 - December 2008).
Committee Member, Electrical Engineering Technology Search Committee. (August 2007 - December 2007).
Committee Member, Electrical Engineering Technology Search Committee. (January 2007 - May 2007).
Committee Member, Mission and Goals Committee. (August 2006 - May 2007).

College

Committee Member, Library Committee. (September 2014 - Present).
Committee Member, Renovation Committee for SOAR. (May 2012 - Present).
Committee Member, Field Trips Committee. (2011 - 2014).
Library Liaison. (2011 - 2014).
Committee Member, Science and Technology Field Trips Committee. (August 2008 - April 2011).
Committee Chair, Science and Technology Scholarship Committee. (August 2008 - August 2009).
Committee Member, Science and Technology Scholarship Committee. (August 2006 - August 2008).
Committee Member, Services Coordinator (Webmaster) Search and Screen Committee. (January 2008 - May 2008).
Committee Member, Awards Committee. (August 2007 - May 2008).

University

Task Force Chair, Aging in Place Initiative Task Force. (2015 - Present).
Committee Member, University Library Committee. (2015 - Present).
Committee Member, Mobile Blackboard Committee. (July 2013 - Present).
Committee Member, Council of Principal Investigators and Research Administrators. (October 2013 - September 2014).
Committee Member, Awards/Bylaws/Elections Committee. (April 2008 - May 2010).
University Senate Service, Faculty Senate. (April 2008 - May 2010).
Task Force Member, WebCT/Blackboard Task Force. (2009).
Task Force Member, Internationalization of Texas A&M University-Corpus Christi Task Force. (2008 - 2009).

Professional

Board of Directors of a Company, CartoFusion Technologies. (2015 - Present).
Worked with Kleberg Bank on possible collaboration with iCORE (Mr. Christopher Medrano; Chief Information Officer). (2014 - Present).
Conference-Related, Information Security and Networking Track, 10th International Conference on Innovations in Information Technology, Track Co-Chair. (2013 - Present).
Conference-Related, International Conference on Innovations in Information Technology, Program Committee Member. (2013 - Present).
Worked with Driscoll Children's Hospital on possible collaboration with iCORE (Mrs. Susan Fields; Director of Rehabilitation Services). (2013 - Present).
Worked with Hewlett Packard (HP) on possible collaboration with iCORE (Mr. Ilker Aker). (2013 - Present).
Worked with Rackspace, Inc. on possible collaboration with iCORE (Mr. Jay Bridges; Director of Enterprise Product). (2013 - Present).
Worked with Rock Engineering and Testing Laboratory, Inc. on possible collaboration with iCORE (Mr. Curtis Rock; Chief Administrative Officer). (2013 - Present).

Worked with the City of Corpus Christi Utilities Department on possible collaboration with iCORE (Mr. Alex Barabanov, Project Manager). (2013 - Present).

Worked with the Family Wellness Center on possible collaboration with iCORE (Dr. Scott Walker; President). (2013 - Present).

Board of Advisors of a Company, Delicious Perks, Inc. (2012 - Present).

Research Personnel, Long Huynh; Research Specialist I. (2012 - Present).

Subject Matter Expert, Texas Emerging Technology Fund; Regional Center of Innovation and Commercialization. (2012 - Present).

Worked with Nueces County CSCD on possible iCORE collaboration (Mr. Javed Syed, Director). (2012 - Present).

Conducted numerous meetings with potential collaborators for iCORE including corporate representatives, faculty, and researchers. (2011 - Present).

Editor, Journal Editor, International Journal on Advances in Networks and Services. (2011 - Present).

Reviewer, Journal Article, Journal of Communications and Information Sciences. (2011 - Present).

Presenting Computer Science in Island Day. (2011 - Present).

Touch of Class for Computer Science. (2011 - Present).

Worked with Interconnect 365 on establishing a private-public partnership (Mrs. Lynne Russell, CEO). (2011 - Present).

Reviewer, Journal Article, International Journal of Information Processing and Management. (2010 - Present).

Reviewer, Journal Article, Journal of Convergence Information Technology. (2010 - Present).

Conference-Related, The International Conference on Emerging Network Intelligence, Program Committee Member. (2010 - Present).

Reviewer, Conference Paper, The International Conference on Emerging Network Intelligence. (2010 - Present).

Reviewer, Journal Article, Elsevier Journal of Computer Communications. (2009 - Present).

Reviewer, Journal Article, Elsevier Journal of Network and Computer Applications. (2009 - Present).

Editor, Associate Editor, Journal of Convergence Information Technology. (2009 - Present).

Conference-Related, The International Conference on Networking, Program Committee Member. (2009 - Present).

Participating in Graduate Open House. (2008 - Present).

Reviewer, Conference Paper, The International Conference on Networking. (2008 - Present).

Reviewer, Grant Proposal, NSF, CREST Program. (2013).

Participated in SACNAS preparation and event activities. (2013).

Worked with CCISD Council of PTA on possible iCORE collaboration (Mrs. Christina Garcia). (2013).

Worked with the Corpus Christi Animal Care Shelter on possible collaboration with iCORE (Mr. Russell Sherman). (2013).

Worked with Baytek International on possible iCORE collaboration (Mr. Jonathan Richter, Business Development Manager). (2012 - 2013).

Worked with Coastal Compass on possible iCORE collaboration (Dr. Janet Cunningham, Executive Director). (2012 - 2013).

Worked with FMC Technologies on possible iCORE collaboration (Mr. Geoffrey Flury, Branch Manager). (2012 - 2013).

Worked with Orion on possible iCORE collaboration (Mr. Douglas Wells, IT Administrator). (2012 - 2013).

Worked with USAA on possible iCORE collaboration (Mr. John Brady, VP). (2012 - 2013).

Reviewer, Grant Proposal, Louisiana Board of Regents. (2011 - 2013).

Worked with National Instruments on possible iCORE collaboration (Mr. Igor Alvarado). (2011 - 2013).

Worked with Port of Corpus Christi on 400 Mile project (Mr. Sandy Sanders, Deputy Director of PoCC). (2011 - 2013).

Reviewer, Conference Paper, IEEE Workshop on Robot Vision (WoRV). (2012).

Worked with City of Corpus Christi on possible collaboration (Mr. John Sendejar, IT Manager). (2012).

HEB Developer Challenge, Judge. (2011 - 2012).

TAMUCC Representative and Campus Organizer for HEB Developer Challenge. (2011 - 2012).

Made a recruiting presentation to ESLI students. (2011).

Worked with City of Corpus Christi on possible collaboration (Mr. Michael Armstrong, CIO). (2011).

Worked with Motorola for possible iCORE collaboration (Mr. Sean Tylor. (2011).

Worked with Dr. Trent Hill on exploring collaboration opportunities with USO. (2010 - 2011).

Worked with Mr. Miguel Perez on developing a Health Informatics track for the CS undergraduate program. (2010 - 2011).

Presenting to the Freshmen Seminar. (2007 - 2011).

Organized the Industrial Advisory Board Meeting for the Computer Science Program. (September 2010 - December 2010).

Reviewer, Journal Article, Journal of Telecommunication Systems. (2010).

Participated in all relevant college and department meetings. (January 2010 - December 2010).

Conference-Related, International Symposium on Middleware and Network Applications, Program Committee Member. (2009 - 2010).

Reviewer, Journal Article, Consortium for Computing Sciences in Colleges. (2008 - 2010).

Reviewer, Conference Paper, IEEE Sarnoff Symposium. (2006 - 2010).

Reviewer, Journal Article, IEEE Communications Surveys and Tutorials. (2005 - 2010).

Reviewer, Conference Paper, IEEE International Conference on Communications. (2005 - 2010).

Reviewer, Journal Article, IEEE Transactions on Wireless Communications. (2005 - 2010).

Reviewer, Journal Article, International Journal of Computers and Applications. (2005 - 2010).

Reviewer, Conference Paper, IEEE/ACM International Symposium on Modeling, Analysis, and Simulation of Computer and Telecommunication Systems. (2004 - 2010).

Participated in the meeting organized by Dr. Pezold on underwater exploration. The meeting guest was Dr. Streiber. (November 2010).

Represented TAMU-CC with Dr. John Fernandez in Interconnect365's presentation to the Mayor of Corpus Christi. (November 2010).

Presented state-of-the-art CS research to the freshmen seminar. (November 2010).

Represented the Department of Computing Sciences in the Graduate School Fair. (October 2010).

Participated in the CSCI ABET Harmonization meeting. (October 2010).

Worked with Ms. Christine Allman and others on developing the "Team Evaluation Form" for ABET. (September 2010).

Contest Director for Computer Science and Computer, University Interscholastic League. (April 2010).

Represented the Department of Computing Sciences in the Graduate Open House. (February 2010).

Conference-Related, The First IEEE International Workshop on Software Patterns: Addressing the Challenges (SPAC). (2007).

Conference-Related, The Second IEEE International Workshop Towards Stable and Adaptable Software Architectures (SASA). (2007).

Reviewer, Conference Paper, IEEE International Conference on Broadband Networks. (2005 - 2007).

Reviewer, Conference Paper, IEEE International Performance, Computing, and Communications Conference. (2005 - 2007).

Reviewer, Grant Proposal, National Science Foundation. (2006).

Reviewer, Conference Paper, International Conference on Optical Networking and Communications. (2003).