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Research & Teaching Interests

Research: My research area is software engineering in general, and system evolution in particular. My interests include reverse engineering & program understanding, software system redocumentation, information (software) visualization, health informatics, technology assessment, and Web systems evolution.

Teaching: I am interested in teaching courses in areas related to software engineering, programming languages, information systems, multimedia, and the Web.

Education

March 2001 – August 2004	Ph.D., Computer Science University of California, Riverside Dissertation: “An Integrated Approach to Program Redocumentation”
1999 – March 2001	M.Sc., Computer Science University of California, Riverside Thesis: “Evaluating the Reverse Engineering Capabilities of Web Tools for Understanding Site Content and Structure”

Working Experience

August 2010 – present	Associate Professor Florida Atlantic University Department of Computer & Electrical Engineering and Computer Science
August 2004 – July 2010	Assistant Professor Florida Atlantic University Department of Computer & Electrical Engineering and Computer Science
2001 – 2003	Graduate Teaching Assistant University of California, Riverside
2001 – 2002	Graduate Research Associate University of California, Riverside Research project on “Software Recycling” (Joint work with BMW Group)

Teaching Experience (Florida Atlantic University)

CEN 6027: Software Maintenance & Evolution	Spring 2006, Spring 2007, Spring 2009, Spring 2010, Spring 2011
CEN 6075: Software Requirements Engineering	Spring 2006
CEN 5035: Software Engineering	Spring 2008
CEN 4010: Principles of Software Engineering	Fall 2004; Spring, Fall 2005; Spring 2006, Summer 2006, Fall 2006, Spring 2008, Fall 2008, Fall 2009, Fall 2010
COP 4020: Programming Languages	Fall 2006, Summer 2007, Spring 2009, Spring 2010, Fall 2010
COP 3813: Introduction to Internet Computing	Spring 2007, Summer 2008, Fall 2008, Summer 2010, Spring 2011
CEN 4910: Software Engineering Project	Fall 2005
CDA 3331: Intro to Microprocessor Systems	Fall 2007
CET 4333: Computer Organization and Design	Fall 2007
COP 4331: Object-Oriented Design & Program	Fall 2009

Teaching Experience (University of California, Riverside)

CS 181: Programming Languages	Teaching Assistant, 2003 (Winter)
CS 180: Introduction to Software Engineering	Teaching Assistant, 2002 (Winter, Fall)
CS 20: Web Site Construction	Instructor, 2002 (Spring); Teaching Assistant 2001 (Spring)
CS 100: Software Construction	Teaching Assistant, 2002 (Winter)
CS 10: Introduction to Computer Science I	Teaching Assistant, 2001 (Spring)

Awards and Honors

2008	<i>Award for Excellence in Undergraduate Teaching</i> 2007 – 2008, FAU
2007	<i>Recognition of Service Award</i> ACM Service Award given in Appreciation for Contribution to ACM: General Chair of ACM 24 th Annual International Conference on Design of Communication (SIGDOC 2006)
2006	<i>New Advisor of the Year Award</i> given for being Faculty Advisor to the Society of Women Engineers (SWE). (The 2005 - 2006 Club Leadership Award)
2005	<i>IBM Faculty Award</i> , a worldwide competitive program to foster collaboration between researchers at leading universities worldwide and those in IBM research, development and services organizations
2001 – 2004	<i>Chancellor's Distinguish Fellowship Award</i> University of California, Riverside
2003	<i>Participation Grant</i> Dagstuhl Computer Science Center Foundation, Germany
2001	<i>Student Travel Grant Award</i> ACM SIGSOFT (CAPS Funding)
2001 – 2003	<i>Mini-Grants</i> University of California, Riverside Graduate Student Association

Grants

1. **PI** “Web-based Application Research & Development.” Research grant. **\$65,000**, Diverse Computer Corporation (A Wisconsin C Corporation, D/B/A Pronto Progress.) February 1, 2011 – January 31, 2012.
2. **PI** “Continuous Software Process Improvement by Examining Repository Data.” Motorola Mobile Devices University Grants. Motorola Chief Technology Office (CTO) **\$50,000**, August 23, 2010 – August 22, 2011.
3. **PI** “Web Usability and Portal.” Research grant. Southeast National Marine Renewable Energy Center (SNMREC), a U.S. Department of Energy (DOE) designated center at FAU. **\$30,925**, January 13, 2010 – January 12, 2011.
4. **Co-PI** NSF Industry/University Cooperative Research Center (I/UCRC): Center for Advanced Knowledge Enablement (CAKE) at FAU. **\$307,500**, NSF. July 1, 2009 – July 1, 2013.
5. **PI** “Change Your World Equipment Grant.” Research Equipment Grant. **\$44,500**, Sun Microsystems. April 7, 2009.
6. **PI** “Web-based Application Research & Development.” Research grant. **\$125,534**, Diverse Computer Corporation (A Wisconsin C Corporation, D/B/A Pronto Progress.) August 25, 2008 – December 31, 2009.
7. **PI** “NeTS-NBD: Travel Support for IEEE MASS 2006 Conference: Vancouver, Canada in October 2006.” **\$15,000**, NSF. September 1, 2006 – August 31, 2007. Award number CNS-0636030.
8. **Co-PI** “Techniques to Foster the Adoption of UML Diagrams for Program Documentation.” **\$20,000**, IBM Faculty Award. July 2005 – June 2006.
9. **Investigator** “One Pass to Production.” Research grant. **\$13,750**, Motorola Inc. 2006 - 2007. Investigator for project *Support of Design Reuse by Software Product Lines: Leverage Commonality and Managing Variability* (PI: Dr. Ravi Shankar, grant total **\$250,000**).
10. **Investigator** “One Pass to Production.” Research grant. **\$11,790**, Motorola Inc. 2005 - 2006. Investigator for project *Subsystem Decomposition Techniques* (PI: Dr. Ravi Shankar, grant total **\$250,000**).

Patents and Inventions

1. Co-Inventor, “Apparatus and Method for Managing Interaction-based Services.” Provisional Patent, March 2009, Florida Atlantic University, Docket Number: 6818-173.
2. Inventor, “Computer-based Interaction System for Children with Autism Spectrum Disorder.” Under review by Office of Technology Transfer, Florida Atlantic University.

Publications

Books and Book Chapters

1. Tilley, S., **Huang, S.**, Zhou, Z., and Mei, H. (Editors): *Software Engineering in China: Research and Practice*. Springer, 2011 (*in preparation*)
2. **Huang, S.** and Di Penta, M. (Guest Editors): *Journal of Web Engineering Special Issue on Web Site Evolution*, Vol.8, No. 4 (2009). pp. 285 – 286. Rinton Press, Paramus, NJ.
3. **Huang, S.** and Di Penta, M. (Editors): *Proceedings of the 9th IEEE International Symposium on Web Site Evolution* (WSE 2007). IEEE Computer Society: Los Alamitos, CA, October 2007.

4. Fernandez, B. E., VanHilst, M., Petrie, M. M. L., and **Huang, S.** “Defining Security Requirements Through Misuse Actions.” In *IFIP International Federation for Information Process*, Volume 219, *Advanced Software Engineering: Expanding the Frontiers of Software Technology*, Ochoa, S., Roman, G.-C. (Eds). (Boston: Springer), 2006. pp. 123-137. *Proceedings of IFIP 19th World Computer Congress, First International Workshop on Advanced Software Engineering (IWASE 2006: August 25, 2006; Santiago, Chile).*
5. Tilley, S., Distant, D., and **Huang, S.** “Design Recovery of Web Application Transactions.” In *Advances in Software Evolution with UML and XML* (Editor: Hongji Yang). Hershey, PA: Idea Group Publishing, pp. 1 – 19. May 2005.
6. Tilley, S. and **Huang, S.** (Editors): *Proceedings of the 22nd ACM Annual International Conference on Design of Communication (SIGDOC 2004)*. ACM Press: New York, NY, 2004.

Book Reviews

1. **Huang, S.** *Object-Oriented Software Engineering: An Agile Unified Methodology* by David Kung, McGraw-Hill. [Reviewed on March 28, 2011]
2. **Huang, S.** *Second life: The Official Guide*. Rymaszewski M., Au W., Wallace M., Winters C., Ondrejka C., Batstone-Cunningham B., Rosedale P. SYBEX Inc., Alameda, CA, 2006. [*ACM Computing Review*: Published on November 13, 2007]
3. **Huang, S.** *The machine stops: one school's rejection of integrated learning systems*. Jervis A., Gkolia C. *Education and Information Technologies* 10(4): 305-321, 2005. [*ACM Computing Reviews*, Published on September 8, 2006]
4. **Huang, S.** *Information security policies and procedures: A Practitioner's Reference* (2nd Ed.) Peltier T. Auerbach Publications, Boston, MA, 2004. [*ACM Computing Reviews*, Published May 26, 2005]

Refereed Journal Articles

1. VanHilst, M., **Huang, S.**, and Lindsay, H. “Process Analysis of a Waterfall Project Using Repository Data.” *International Journal of Computers and Applications*, Vol. 33 Issue 1, 2011. DOI: 10.2316/Journal.202.2011.1.202-2986.
2. **Huang, S.** and Mulcahy, J. J. “Software Reuse in the Evolution of an E-Commerce System: A Case Study.” *International Journal of Applied Research on Information Technology and Computing*, Vol 1, Issue 1. pp. 59 –78. International Science Press, Serials Publications, New Delhi, India. ISSN: 0975-8070.
3. **Huang, S.**, VanHilst M., Cao, J., and Mangs, J. “Remote Computing Resource Management from Mobile Devices by Utilizing WSRF.” *International Journal of Computer Aided Engineering and Technology (IJCAET)*, special issue on Smart Homes: Technologies and Application. Vol. 2, No. 2/3, 2010. InderScience Publishers, UK. pp. 199 – 217. DOI: 10.1504/IJCAET.2010.030545
4. Sneed, H., and **Huang, S.** “Value-Driven Software Maintenance.” *International Journal of Computers and Applications*, Vol.32, No. 2, 2010. pp. 215 – 221. ACTA Press, Calgary Canada.
5. **Huang, S.** “Assessing Software Process Hotspots via Analysis and Visualization of Software Repository Data.” *Journal of Engineering, Computing and Architecture*, Vol. 3, Issue 1, 2009. ISSN 1934-7197.
6. **Huang, S.** “Frontiers of Web Site Evolution.” *IEEE Frontiers of Software Maintenance*. pp. 78-86. IEEE CS Press: Los Alamitos, CA, October 2008.

7. Sneed, H. and **Huang, S.** “The Design and Use of WSDL-Test: A Tool for Testing Web Services.” *Journal of Software Maintenance and Evolution: Research and Practice (JSME)* Vol. 19, Issue 5, pp. 297-314. September/October 2007. John Wiley & Sons, Ltd. Chichester, UK. DOI: 10.1002/smr.354.
8. Tilley, S., Gerdes, J., Hamilton, T., **Huang, S.**, Müller, H., Smith, D., and Wong, K. “On the Business Value and Technical Challenges of Adopting Web Services.” *Journal of Software Maintenance and Evolution: Research and Practice (JSME)* 16(1-2):31-50. April 2004. John Wiley & Sons.

Refereed Conference Papers

1. **Huang, S.** “Capturing the Essence of Software Engineering-- A Reflection on Semat Vision Statement” *Proceedings of the Spring/Summer Young Researchers' Colloquium on Software Engineering* Organized by Institute for Systems Programming, Russia Academy of Sciences (SYRCoSE 2011: May 12 – 13, 2011, Yekaterinburg, Russia). (Accepted)
2. Ivar Jacobson, **Shihong Huang**, Mira Kajko-Mattsson, Paul McMahon, Ed Seymour, “Semat – Three Year Vision” *Proceedings of the Spring/Summer Young Researchers' Colloquium on Software Engineering* by Institute for Systems Programming, Russia Academy of Sciences (SYRCoSE 2011: May 12 – 13, 2011, Yekaterinburg, Russia). (Accepted)
3. James Mulcahy, **Shihong Huang**, Junwei Cao, Fan Zhang. “How Are You Feeling? A Social Network Model to Monitor the Health of Post-Operative and Remote Patients” *Proceedings of the 2011 IEEE International Systems Conference (IEEE SysCon 2011: April 4–7, 2011, Montreal, Canada)*.
4. Shuang Xia, Yang Zhao, Yong Zhang, Chunxiao Xing, Scott Roepnack, **Shihong Huang**. “Optimizations for Item-based Collaborative Filtering Algorithm” *Proceedings of 2010 IEEE International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE2010: August 21 – 23, 2010, Beijing China)*. pp. 1-5. DOI: 10.1109/NLPKE.2010.5587833
5. Petkovic, D., Thompson, G., Todtenhoefer, R., **Huang, S.**, Levine, B., Parab, S., Singh, G., Soni, R., Shrestha, S.: “e-TAT: Online Tool for Teamwork and ‘Soft Skills’ Assessment in Software Engineering Education” *Proceedings of IEEE 40th Annual Frontiers in Education (FIE 2010: October 27 – 30, 2010, Arlington, Virginia)*. pp. S1G-1 - S1G-3. DOI: 10.1109/FIE.2010.5673130
6. Mulcahy, J., **Huang, S.**, and Veghte, A. “Leveraging Service-Oriented Architecture: Extending a legacy Multi-channel Commerce System.” *Proceedings of the 2010 IEEE International Systems Conference (IEEE SysCon 2010: April 5–8, 2010, San Diego, CA)*. pp. 243 – 248. DOI: 10.1109/SYSTEMS.2010.5482334
7. **Huang, S.**, Hsu, S., Parker, M., and Pandya, A. “Enhancing Students’ Learning Experience through Interdisciplinary Research.” *Proceedings of the International Conference on Engineering Education & Research (ICEE ICEER 2009: August 23 – 28, 2009, Seoul, Korea)*.
8. **Huang, S.**, Tripathi, S., Pandya, A., Hsu, S., and Parker, M. “Knowledge-based Evaluation of Nursing Care Practice.” *Proceedings of the 2009 IEEE International Conference on Information Reuse and Integration (IRI 2009: August 10 – 12, 2009, Las Vegas, Nevada)*. pp. 171-174.
9. Hashizume, K., Fernandez, E. B., and **Huang, S.** “Digital Signature with Hashing and XML Signature Patterns.” *Proceedings of 14th European Conference on Pattern Languages of Programs (EuroPLoP 2009: July 8 – 12, 2009, Irsee Monastery, Bavaria, Germany)*.
10. **Huang, S.**, Chinchankar, S., Pandya, A., Hsu, S., and Parker, M. “Automated Nursing Knowledge Management Using Indexing.” *Proceedings of the 21st International Conference on Software Engineering and Knowledge Engineering (SEKE’2009: July 1 – 3, 2009; Boston, MA)*. pp. 93-96.

11. VanHilst, M. and **Huang, S.** “Mining Objective Process Metrics from Repository Data.” *Proceedings of the 21st International Conference on Software Engineering and Knowledge Engineering (SEKE’2009: July 1 – 3, 2009; Boston, MA).* pp. 514-519.
12. Thompson, Gary D., Petkovic D., and **Huang, S.** “Teaching Distributed Collaborative Development Techniques in a Software Engineering Class Setting.” *Integrating FOSS into the Undergraduate Computing Curriculum, Free and Open Source Software (FOSS) Symposium 2009 (HFOSS 2009: March 4, 2009, Chattanooga, TN).* (Co-located with SIGCSE 2009).
13. Petkovic, D., Thompson, G., Todtenhoefer, R., and **Huang, S.** “Analysis of Global SW Engineering Practices in a Classroom Setting.” *ACM 2008 Conference on Computer Supported Cooperative Work (CSCW 2008: November 8 – 12, 2008, San Diego, CA).*
14. Mangs, J., **Huang, S.**, and Cao, J. “Enabling Access to WSRF from Mobile Devices.” *Proceedings of the 4th IEEE International Conference on Semantics, Knowledge and Grid (SKG 2008: December 3 – 6, 2008, Beijing, China).*
15. **Huang, S.** and Mangs, J. “Pervasive Computing: Migrating Applications to Mobile Devices.” *Proceedings of the 2nd Annual IEEE Systems Conference (IEEE SysCon 2008: April 7-10, 2008, Montreal, Canada).* pp. 1-8.
16. **Huang, S.**, Gohel, V., and Hsu, S. “Towards Interoperability of UML Tools for Exchanging High-Fidelity Diagrams.” *Proceedings of the 25th ACM Annual International Conference on Design of Communication (SIGDOC 2007: October 22-24, 2007, El Paso, TX).* pp. 134-141. ACM Press: New York, NY, 2007.
17. **Huang, S.** and Lo, C. “Analyzing Configuration Management Repository Data for Software Process Improvement.” *Proceedings of the 19th International Conference on Software Engineering and Knowledge Engineering (SEKE 2007: July 9-11, 2007, Boston, MA).* pp. 67-70.
18. Distanto, D. and **Huang, S.** “Challenges and Lessons Learned in Teaching Software Engineering and Programming to Hearing Impaired Students.” *Proceedings of the 20th IEEE Conference on Software Engineering Education and Training (CSEE&T 2007: July 3-5, 2007, Dublin, Ireland).* pp. 344-354.
19. Huang, S., Shankar, R., and Mangs, J. “Towards Strategic Design Reuse by Leveraging Commonality and Managing Variability.” *Proceedings of the 1st Annual IEEE Systems Conference (IEEE SysCon 2007: April 9-12, 2007, Honolulu, HI).* pp. 1- 4.
20. Sneed, H. and **Huang, S.** “Sizing Maintenance Tasks for Web Applications.” *Proceedings of the 11th IEEE European Conference on Software Maintenance and Reengineering (CSMR 2007: March 21-23, 2007, Amsterdam, The Netherlands).* pp. 171-180.
21. Sneed, H. and **Huang, S.** “WSDLTest – A Tool for Testing Web Services.” *Proceedings of the 8th IEEE Symposium on Web Site Evolution (WSE 2006: September 23-24, 2006, Philadelphia, PA).* pp. 14-21. IEEE Computer Society Press: Los Alamitos, CA, 2006.
22. Distanto, D., Tilley, S., Canfora, G., and **Huang, S.** “Redesigning Legacy Application for the Web with UWAT+: A Case Study.” *Proceedings of the 28th IEEE/ACM International Conference on Software Engineering (ICSE 2006: May 20-28, 2006, Shanghai, China),* pp. 482-491. ACM Press: New York, NY, 2006. (DOI Bookmark: <http://doi.acm.org/10.1145/1134285.1134353>). Accept rate: 9.7% (36/370). NOTE: ICSE is the premier conference in the field of software engineering.
23. **Huang, S.** and Distanto, D. “On Practice-Oriented Software Engineering Education.” *Proceedings of 19th IEEE Conference on Software Engineering Education and Training (CSEE&T: April 19-21, 2006, Turtle Bay, HI).* pp. 15-20. IEEE CS Press: Los Alamitos, CA, 2006. Digital Object Identifier 10.1109/CSEETW.2006.11

24. Tilley, S., **Huang, S.**, Wong, K., and Smith, S. "Report from the 2nd International Workshop on Software Engineering Course Projects (SWECP 2005)." *Proceedings of the 19th IEEE Conference on Software Engineering Education and Training (CSEE&T 2006: April 19-21, 2006, Turtle Bay, HI)*, pp. 87-94. IEEE CS Press: Los Alamitos, CA, 2006. Digital Object Identifier: 10.1109/CSEET.2006.28
25. **Huang, S.**, Tilley, S., VanHilst, M., and Distante, D. "Adoption-Centric Software Maintenance Process Improvement via Information Integration." *Proceedings of the 13th IEEE International Conference on Software Technology and Engineering Practice (STEP 2005: September 24-25, 2005, Budapest, Hungary)*. pp. 25- 34. IEEE CS Press: Los Alamitos, CA, 2006. Digital Object Identifier: 10.1109/STEP.2005.8
26. Fernandez, B. E., **Huang, S.**, and Petrie, M. "Building Secure Middleware Using Patterns." *Proceedings of the Sixth IEEE International Symposium and School on Distributed Systems (ISSADS 2006: January 23-27, 2006, Guadalajara, Mexico)*. Springer-Verlag: Lecture Notes in Computer Science (LNCS).
27. **Huang, S.** and Tilley, S. "Three Challenges in Performing Reliable Software Maintenance on Automotive Control Systems." *Proceedings of the 11th ISSAT International Conference on Reliability and Quality in Design (RQD 2005: August 4-6, 2005, St. Louis, MO)*, pp.98-100. New Brunswick, NJ: International Society of Science and Applied Technologies, 2005.
28. Distante, D., Tilley, S., and **Huang, S.** "Documenting Software Systems with Views IV: Documenting Web Transaction Design with UWAT+." *Proceedings of the 22nd ACM Annual International Conference on Design of Communication (SIGDOC 2004: October 10-13, 2004, Memphis, TN)*, pp. 33-40. ACM Press: New York, NY, 2004.
29. Tilley, S., Distante, D., and **Huang, S.** "Web Site Evolution via Transaction Reengineering." *Proceedings of the 6th IEEE International Workshop on Web Site Evolution (WSE 2004: September 11, 2004, Chicago, IL)*. pp.31-40. IEEE Computer Society Press: Los Alamitos, CA, 2004. <http://doi.ieeecomputersociety.org/10.1109/WSE.2004.10006>
30. **Huang, S.** and Tilley, S. "Towards a Documentation Maturity Model." *Proceedings of the 21st Annual International Conference on Design of Communication (SIGDOC 2003: October 12-15, 2003, San Francisco, CA)*, pp. 93-99. ACM Press: New York, NY, 2003.
31. Tilley, S. and **Huang, S.** "A Qualitative Assessment of the Efficacy of UML Diagrams as a Form of Graphical Documentation in Aiding Program Understanding." *Proceedings of the 21st Annual International Conference on Design of Communication (SIGDOC 2003: October 12-15, 2003, San Francisco, CA)*, pp. 184-191. ACM Press: New York, NY, 2003.
32. Tilley, S. and **Huang, S.** "Documenting Software Systems with Views III: A Task-Oriented Classification of Program Visualization Techniques." *Proceedings of the 20th Annual International Conference on Systems Documentation (SIGDOC 2002: October 20-23, 2002; Toronto, Canada)*, pp. 226-233. ACM Press: New York, NY, 2002.
33. Tilley, S., Gerdes, J., Hamilton, T., **Huang, S.**, Müller, H., and Wong, K. "Adoption Challenges in Migrating to Web Services." *Proceedings of the 4th International Workshop on Web Site Evolution (WSE 2002: October 2, 2002; Montréal, Canada)*, pp. 21-29. IEEE Computer Society Press: Los Alamitos, CA, 2002. <http://doi.ieeecomputersociety.org/10.1109/WSE.2002.1134086>
34. Tilley, S. and **Huang, S.** "On Selecting Software Visualization Tools for Program Understanding in an Industrial Context." *Proceedings of the 10th International Workshop on Program Comprehension (IWPC 2002: June 26-29, 2002, Paris, France)*, pp. 285-288. IEEE Computer Society Press: Los Alamitos, CA, 2002. Digital Object Identifier: 10.1109/WPC.2002.1021350

35. Hartmann, J., **Huang, S.**, and Tilley, S. “Documenting Software Systems with Views II: An Integrated Approach Based on XML.” *Proceedings of the 19th Annual International Conference on Systems Documentation (SIGDOC 2001: October 21-24, 2001, Santa Fe, NM)*, pp. 237-246. ACM Press: New York, NY, 2001.
36. **Huang, S.** and Tilley, S. “Issues of Content and Structure for a Multilingual Web Site.” *Proceedings of the 19th Annual International Conference on Systems Documentation (SIGDOC 2001: October 21-24, 2001, Santa Fe, NM)*, pp. 103-110. ACM Press: New York, NY, 2001.
37. Tilley, S. and **Huang, S.** “Evaluating the Reverse Engineering Capabilities of Web Tools for Understanding Site Content and Structure: A Case Study.” *Proceedings of the 23rd International Conference on Software Engineering (ICSE 2001: May 12-19, 2001, Toronto, Canada)*, pp. 514-523. IEEE Computer Society Press: Los Alamitos, CA, 2001.

Refereed Workshop Papers

1. Tilley, S. and **Huang, S.** “On the ‘Selling’ of Academic Research to Industry.” *Proceedings of the ACM/IEEE Workshop on Technology Transfer in Software Engineering (WOTTSE 2006: May 22, 2006, Shanghai, China)*. (Collocated with ICSE 2006). pp. 41-42. Los Alamitos, CA: IEEE CS Press, 2006.
2. Fernandez, B. E., **Huang, S.** and Petrie, M. "A Set of Courses for Teaching Secure Software Development." *19th Conference on Software Engineering Education and Training Workshops, CSEETW '06. Proceedings of Workshop on Secure Software Engineering Education & Training (WSSEET 2006: April 18, 2006, Turtle Bay, HI)*. pp. 23-30. IEEE Digital Library. Digital Object Identifier: 10.1109/CSEETW.2006.4
3. Fernandez, B. E. and **Huang, S.** “Building Secure Middleware Using Patterns.” Position paper for 4th International Workshop on Net-Centric Computing (NCC 2005: September 25, 2005, Budapest, Hungary).
4. **Huang, S.** and Tilley, S. “On the Challenges in Fostering Adoption via Empirical Studies.” *Proceedings of the 4th IEEE International Workshop on Adoption-Centric Software Engineering (ACSE 2004: May 25, 2004, Edinburgh, Scotland, UK)*. May 2004.
5. **Huang, S.**, Tilley, S. and Zhou, Z. “On the Yin and Yang of Academic Research and Industrial Practice.” *Proceedings of 3rd International Workshop on Adoption-Centric Software Engineering (ACSE 2003: May 9, 2003, Portland, OR)*, pp. 19-22. Published as CMU/SEI-2003-SR-004. Pittsburgh, PA: Software Engineering Institute, Carnegie Mellon University, June 2003.
6. Tilley, S., **Huang, S.** and Payne, T. “On the Challenges of Adopting ROTS Software.” *Proceedings of 3rd International Workshop on Adoption-Centric Software Engineering (ACSE 2003: May 9, 2003, Portland, OR)*, pp. 3-6. Published as CMU/SEI-2003-SR-004. Pittsburgh, PA: Software Engineering Institute, Carnegie Mello University, June 2003.
7. Tilley, S., **Huang, S.** and Wong, K. “The State of Net-Centric Computing in Early 2001.” *Proceedings of the 3rd International Workshop on Net-Centric Computing (NCC 2001: May 14, 2001, Toronto, Canada)*, pp. 57-61. 2001.
8. Tilley, S. and **Huang, S.** “Experiences Migrating to a Bilingual Web Site.” *Proceedings of the 2nd International Workshop on Web Site Evolution (WSE 2000: March 1, 2000, Zürich, Switzerland)*, pp. 47-50, 2000.
9. Tilley, S. and **Huang, S.** “On the Emergence of the Renaissance Software Engineer.” *Proceedings of the 1st International Workshop on Web Site Evolution (WSE'99: October 5, 1999, Atlanta, GA)*.

Other Publications (Technical Reports, Research Posters, etc)

1. **Huang, S.** Translation to Chinese “Software Engineering Method and Theory – Three Year Vision” April 2011
2. **Huang, S.** Translation to Chinese “Software Engineering Method and Theory – A Vision Statement” April 2010
3. **Huang, S.** and McMahon, P, “The Third Workshop of Software Engineering Method and Theory (Semat) Report” (Semat: September 29 – October 1, 2010, Milan Italy). Online at:
http://www.semat.org/pub/Main/WebHome/3rd_Semat_Workshop_Report.pdf
4. **Huang, S.** “The Second Workshop of Software Engineering Method and Theory (Semat) Report” (Semat: July 13 – 14, 2010, Washinton D.C.) Online at:
http://www.semat.org/pub/Main/WebHome/2nd_Semat_Workshop_Report.pdf
5. **Huang, S.** “The First Workshop of Software Engineering Method and Theory (Semat) Report”, (Semat: March 17-18, 2010 Zurich), Online at:
http://www.semat.org/pub/Main/SematZurichMarch2010/Zurich_meeting_report.pdf
6. Ante Bosnjak, **Shihong Huang** “Ocean Energy Information Management through Service Oriented Architecture” Southeast National Marine Renewable Energy Center (SNMREC), a U.S. Department of Energy designated center at FAU, Research Day. December 01 2010.
7. Jack Petersen, **Shihong Huang**, Jijiang Yang. “Optimization of Rule Engines in Health Informatics.” Research Poster at the Seventh Latin American Grid (LA Grid) Summit, October 22 – 23, 2009, Florida International University.
8. Scott Roepnack, **Shihong Huang**, Yong Zhang. “Enhancing Item-based Collaborative Filtering by Incorporating Tags.” Research Poster at the Seventh Latin American Grid (LA Grid) Summit, October 22 – 23, 2009, Florida International University.
9. Adriana Garcia Kunzel, **Shihong Huang**, Junwei Cao “Mobile Web Services using Globus.” Research Poster at the Seventh Latin American Grid (LA Grid) Summit, October 22 – 23, 2009, Florida International University.
10. Mangs, J. and **Huang, S.** “Enabling Access to Grid Computing from Mobile Devices.” Research Poster at *the Sixth Latin American Grid (LA Grid) Summit*, October 30 – 31, 2008, Florida Atlantic University.
11. Pasmore, S. and **Huang, S.** “Web Accessibility for Hearing Impaired.” Research Poster at *the Sixth Latin American Grid (LA Grid) Summit*, October 30 – 31, 2008, Florida Atlantic University.
12. **Huang, S.** “Effective Enterprise Software Development via Model Driven Engineering Part 1: Strategic Design Reuse by Leveraging Commonality and Managing Variability (LCMV)” Technical Report to Motorola Project. FAU 2007.
13. Gohel, V. and **Huang, S.** “Interoperability of UML Modeling Tools.” FAU Research Week Poster, April 2, 2007.
14. Lo, C., **Huang, S.** and VanHilst, M. “Visualization of Impact Analysis.” FAU Research Week Poster, April 2, 2007.
15. Murphy, S., Tilley, S. and **Huang, S.** “Determining the Barriers to Adoption UML Diagrams.” Poster at *The 16th Annual International Conference of IBM Centers for Advanced Studies (CASCON 2006: October 16-19, 2006, Toronto, Canada).*

16. **Huang, S.** “Web Services at COMDEX 2002.” SIGPC Vol. 7, No. 2, January 23, 2003. Online at <http://www.sigpc.net/v7/n2/>.
 17. Huang, S. “WCRE 2001.” SIGPC Vol. 5, No. 10, December 20, 2001. Online at <http://www.sigpc.net/v5/n10/>. Chinese version online at <http://cn.sigpc.net/v5/n10/>.
 18. **Huang, S.** “XML One” (in Chinese). SIGPC Vol. 4, No. 2, August 4, 2000. Online at <http://cn.sigpc.net/v4/n2/>.
 19. Huang, S. (translator). “The Top Themes of 1999” (in Chinese). SIGPC Vol. 3, No. 9, December 31, 1999. Online at <http://cn.sigpc.net/v3/n9/>.
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Professional Activities

Workshops and Panel Organized

1. “Teaching Globally Distributed Collaboration in a Classroom Setting”, Bird-of-A Feather session at ACM SIGCSE 2009. The 40th ACM Technical Symposium on Computer Science Education (SIGCSE 2009: March 4 – 7, 2009, Chattanooga, TN).
2. “Sixth International Workshop on Graphical Documentation: Evaluating the Fidelity of UML Diagram Tools.” *The 16th Annual International Conference of IBM Centers for Advanced Studies* (CASCON 2006: October 16-19, 2006, Toronto, Canada).
3. “Second International Workshop on Software Engineering Course Projects (SECP 2005)”, with Scott Tilley (Florida Institute Technology), Ken Wong (University of Alberta), and Spencer Smith (McMaster University). Held in conjunction with the *15th International Conference of IBM Centers for Advanced Studies* (CASCON 2005: October 17-20, 2005, Toronto, Canada).
4. “GDOC 5: The 5th International Workshop on Graphical Documentation”. Held in conjunction with the 23rd ACM Annual International Conference on Design of Communication (SIGDOC 2005: September 21-23, 2005, Coventry, UK).
5. “Workshop on Graphic Documentation”, with Steve Murphy (IBM Canada) and Scott Tilley (Florida Institute of Technology). Held in conjunction with the *22nd Annual International Conference on Design of Communication* (SIGDOC 2004: October 10-13, 2004, Memphis, TN).
6. “Workshop on Graphical Documentation for Programmers: Assessing the Efficacy of UML Diagrams for Program Understanding,” with Scott Tilley (Florida Institute of Technology). Held in conjunction with *The 11th International Workshop on Program Comprehension* (IWPC 2003: May 10, 2003, Portland, OR).
7. “Assessing the Efficacy of Software Architecture Visualization Techniques for Recovered Artifacts,” with Scott Tilley (Florida Institute of Technology). Held in conjunction with *Dagstuhl Seminar 03061: Software Architecture Recovery and Modeling* (February 6, 2003, Dagstuhl, Germany).

Executive Membership

1. Executive committee member (for both International committee and China chapter), Software Engineering Method and Theory (Semat) Initiative (www.semat.org), a new software engineering initiative led by renowned scientists in the field of software engineering. April 21, 2011 – present
2. Editorial board: Journal of Software Engineering, ACTA Press, Calgary, AB, Canada (April 07, 2011 – present)
3. ACM SIGDOC 2009 Election Nomination Committee Chair.

4. Steering Committee member, IEEE International Symposium on Web Site Evolution (WSE), 2007 – present.
5. Board member, ACM Special Interest Group on Design of Communication (ACM SIGDOC), 2006-2007.
6. IEEE Palm Beach Session Executive Committee; Co-chair of the Computer Society and Signal Processing Society (2007 – present).
7. Editorial Board of the *International Journal of Computing & Information Technology* (IJCIT), International Science Press, Serials Publications, New Delhi, India.

Chairmanship and Critical Roles in International Conferences

1. **Publicity Chair**, *The 23rd International Conference on Software Engineering and Knowledge Engineering* (SEKE'2011: Miami Beach, USA, July 7-9, 2011).
2. **Publicity Chair**, *The 21st International Conference on Software Engineering and Knowledge Engineering* (SEKE'2009: July 1 – 3, 2009, Boston, MA)
3. **Cultural Liaison**, *The 24th IEEE International Conference on Software Maintenance* (ICSM 2008: September 28 – October 4, 2008, Beijing, China).
4. **Publicity Chair**, *The 20th International Conference on Software Engineering and Knowledge Engineering* (SEKE'2008: July 1 – 3, 2008, San Francisco Bay, CA).
5. **Program Co-Chair**, *The 9th IEEE International Symposium on Web Site Evolution* (WSE 2007: October 5-6, 2007; Paris, France).
6. **General Chair**, *The 24th ACM International Conference on Design of Communication* (SIGDOC 2006: October 11 – 13, 2006, Myrtle Beach, SC)
7. **Workshop Co-Chair**, “Sixth International Workshop on Graphical Documentation: Evaluating the Fidelity of UML Diagram Tools.” *The 16th Annual International Conference of IBM Centers for Advanced Studies* (CASCON 2006: October 16-19, 2006, Toronto, Canada).
8. **Workshop Co-Chair**, “Second International Workshop on Software Engineering Course Projects (SECP 2005)”, with Scott Tilley (Florida Institute Technology), Ken Wong (University of Alberta), and Spencer Smith (McMaster University). Held in conjunction with the *15th International Conference of IBM Centers for Advanced Studies* (CASCON 2005: October 17-20, 2005, Toronto, Canada).
9. **Workshop Co-Chair**, “GDOC 5: The 5th International Workshop on Graphical Documentation”. Held in conjunction with *the 23rd ACM Annual International Conference on Design of Communication* (SIGDOC 2005: September 21-23, 2005, Coventry, UK).
10. **Program Chair**, *The 22nd ACM International Conference on Design of Communication* (SIGDOC 2004: October 10-13, 2004, Memphis, TN).
11. **Workshop Co-Chair** “Workshop on Graphic Documentation”, with Steve Murphy (IBM Canada) and Scott Tilley (Florida Institute of Technology). Held in conjunction with *the 22nd Annual International Conference on Design of Communication* (SIGDOC 2004: October 10-13, 2004, Memphis, TN).

International Conference Committee Membership

1. Program committee member. *The 6th International Conference on Software and Data Technologies* (ICSOFD 2011: Seville, Spain, July 18 – 21, 2011).

2. Program committee member, *The 12th IEEE International Conference on Information Reuse and Integration* (IRI 2011: August 3 – 5, 2010, Las Vegas, Nevada).
3. Program committee, *The 23rd International Conference on Software Engineering and Knowledge Engineering* (SEKE'2011: Miami Beach, USA, July 7-9, 2011).
4. Committee Member: *The 14th IASTED International Conference on Software Engineering and Applications* (SEA 2010: November 8-10, 2010; Marian Del Rey, CA).
5. Program Committee: *The IEEE 15th European Conference on Software Maintenance and Reengineering* (CSMR 2011: March 1 – 4, 2011; Oldenburg Germany).
6. Program Committee: *The 14th IASTED International Conference on Software Engineering and Applications* (SEA 2010: November 8-10, 2010; Marian Del Rey, CA).
7. Program Committee, *The 28th ACM International Conference on Design of Communication* (SIGDOC 2010: September 26—29, 2010; Sao Carlos, Brazil).
8. Program committee member, *The 2010 IEEE International Conference on Information Reuse and Integration* (IRI 2010: August 4 – 6, 2010, Las Vegas, Nevada).
9. Program committee member. *The 5th International Conference on Software and Data Technologies* (ICSOF 2010: Athens Greece, July 22 – 24, 2010).
10. Program committee, *The 22nd International Conference on Software Engineering and Knowledge Engineering* (SEKE'2010: July 1 – 3, 2010, San Francisco, CA).
11. Program committee, *International Workshop on SOA Migration and Evolution* (SOAME 2010: March 15th, 2010, Madrid, Spain).
12. Program committee member, *The 27th ACM International Conference on Design of Communication* (SIGDOC 2009: October 5 – 7, 2009, Indiana University, Bloomington IN).
13. Program committee member, *The 2009 IEEE International Conference on Information Reuse and Integration* (IRI 2009: August 10 – 12, 2009, Las Vegas, Nevada).
14. Program Committee member, *The 4th International Conference on Software and Data Technologies* (ICSOF 2009: July 26 – 29, 2009, Sofia, Bulgaria).
15. Program Committee, *The 21st International Conference on Software Engineering and Knowledge Engineering* (SEKE'2009: July 1 – 3, 2009, Boston, MA).
16. Program committee member, *The 1st International Workshop on Web Testing*, co-located with *IEEE the 2nd International Conference on software Testing, Verification and Validation* (ICST 2009: April 1 – 4, 2009, Denver, Colorado).
17. Program committee member, *The 13th IEEE European Conference on Software Maintenance and Reengineering* (CSMR 2009: March 24 – 27, 2009, Kaiserslautern, Germany).
18. Program committee member, *The 20th IASTED International Conference on Software Engineering and Applications* (SEA 2008: November 16 – 18, 2008, Orlando, Florida).
19. Cultural Liaison, *The 24th IEEE International Conference on Software Maintenance* (ICSM 2008: September 28-October 4, 2008; Beijing, China).
20. Program committee member, *The 26th ACM International Conference on Design of Communication* (SIGDOC 2008: September 22 – 24, 2008, Lisboa, Portugal).
21. Program committee member, *The 20th International Conference on Software Engineering and Knowledge Engineering* (SEKE'2008: July 1 – 3, 2008, San Francisco Bay, CA).

22. Program committee member, *The 2008 IEEE International Conference on Information Reuse and Integration* (IRI 2008: July 13-15, 2008, Las Vegas, Nevada).
23. Program committee Member, *The 25th ACM International Conference on Design of Communication* (SIGDOC 2007: October 22 – 25, 2007, El Paso, TX).
24. Program committee member, *The 2007 IEEE International Conference on Information Reuse and Integration* (IRI 2007: August 13-15, 2007, Las Vegas, Nevada).
25. Program committee member, *The 8th IEEE International Symposium on Web Site Evolution* (WSE 2006: September 23-24, 2006, Philadelphia, PA).
26. Program committee member, *The 2006 IEEE International Conference on Information Reuse and Integration* (IRI 2006: September 16-18, 2006, Waikoloa, Hawaii).
27. Program committee member (short papers track), *The 19th IEEE Conference on Software Engineering Education and Training* (CSEE&T 2006: April 19-21, 2006, Oahu, Hawaii).
28. Program Committee member, *The 44th ACM Southeast Conference* (ACMSE 2006: March 10-12, 2006, Melbourne, FL)
29. Program committee member, *The 2005 IEEE International Conference on Information Reuse and Integration* (IRI 2005: August 15-17, 2005, Las Vegas, Nevada).
30. Program Committee member, *The 23rd ACM International Conference on Design of Communication* (SIGDOC 2005: September 21-23, 2005, Coventry, UK).
31. Program committee member, *The 7th IEEE International Symposium on Web Site Evolution* (WSE 2005: September 26, 2005, Budapest, Hungary).
32. Program committee member, *The 5th IEEE International Workshop on Web Site Evolution* (WSE 2003: September 22, 2003, Amsterdam, The Netherlands).
33. Program committee member, *The 4th IEEE International Workshop on Web Site Evolution* (WSE 2002: October 2, 2002, Montréal, Canada).

Publication Reviewing

1. Reviewer for *ACM Computing Reviews*.
2. Journal of Software Maintenance and Evolution: Research and Practice
3. IEEE Transactions on Software Engineering
4. Journal of Systems and Software

Conference Presentations

ICSE 2001, SIGDOC 2001, SIGDOC 2002, SIGDOC 2003, SIGDOC 2004, CASCON 2002 (Workshop on Software Engineering Education), Dagstuhl Seminar 03061 (Software Architecture Recovery and Modeling), UCR College of Engineering Industry Day 2001, WSE 2002, ACSE 2003, SDM-DS 2005, RQD 2005, CSEE&T 2006, WSSEET 2006, IEEE SysCon 2007, SIGDOC 2007, FoSM 2008, SEKE 2009, the 1st Semat Workshop (March 17-18, 2010 Zurich), the 2nd Semat Workshop (July 13 – 14, 2010, Washinton D.C.), the 3rd Semat Workshop (September 29 – October 1, 2010, Milan Italy)

Invited Talks

1. “Global Software Engineering Development Education” Latin American Software Engineering Symposium (LASES 2011: August 11 – 12, Medellin, Columbia.)
2. “Capturing the Essence of Software Engineering-- A Reflection on Semat Vision Statement” *The Spring/Summer Young Researchers' Colloquium on Software Engineering* Organized by Institute for Systems Programming, Russian Academy of Sciences (SYRCoSE 2011: May 12 – 13, 2011, Yekaterinburg, Russia).
3. “Nursing Knowledge Management System.” IBM China Research Laboratory, Beijing China. December 23, 2009.
4. “Computer Interactive System for Children with Asperger’s Syndrome.” IBM China Research Laboratory, Beijing China. July 14, 2009.
5. “Computer Interactive System for Children with Asperger’s Syndrome.” Tsinghua University, Beijing China. July 15, 2009.
6. Speaker at “Women in Engineering” event at FAU for high school girls from six local Palm Beach and Broward County high schools, October 28, 2008.
7. “Analyzing Configuration Management Repository Data for Software Process Improvement.” May 8, 2008. Department of Computer Engineering, Faculty of Engineering, Chulalongkorn University, Thailand.
8. “An Integrated Approach to Program Redocumentation.” May 28, 2008. School of Computer Science and Engineering, Beijing University of Aeronautics & Astronautics, Beijing, China.
9. “Adoption Issues with using .NET for Distributed Systems.” Workshop on *Software Development Methodologies for Distributed Systems*, part of *Software Technology and Engineering Practice* (STEP 2003: September 30, 2003; Amsterdam, The Netherlands).
10. “The UCR Student and TA Experience: Before-During-After.” Workshop on *Undergraduate Software Engineering Course Projects* (October 3, 2002; Toronto, Canada). Held in conjunction with IBM CASCON 2002 (Sept. 30 – Oct. 3, 2002; Toronto, Canada).
11. “An Integrated Approach to Software Redocumentation Based on XML.” September 11, 2002. Institute of Computing Technology, China Academy of Science; Beijing, China.
12. “eXtreme Programming: A Gentle Introduction,” UCR CS 100 *Software Construction*, Guest Lecture; March 1, 2002.

Professional Affiliations

1. IEEE Computer Society: Technical Council on Software Engineering (TCSE).
2. Association for Computing Machinery (ACM): Special Interest Group on Human-Computer Interaction (SIGHCI), Special Interest Group on Software Engineering (SIGSOFT); Special Interest Group on Design of Communication (SIGDOC).

Supervising (Current Students)

1. Hamid Akbarian, Ph.D. (Co-Chair)
2. James Mulcahy, M.Sc.
3. Jake Petersen, M.Sc.
4. Stuart John Ramgolam-Singh

5. Rowan Hughes, Undergraduate
6. Swati Narsinh Paghdar
7. Luiz Dias, Undergraduate
8. Ante Bosnjak, Undergraduate

Thesis Supervised (Graduated Students)

1. Francisco Amador, M.Sc. Thesis Title: “Facial Expression Computer Interaction System for Children with Asperger’s Syndrome.” July 1, 2010.
2. Adriana Garcia, M.Sc. Thesis Title: “An Android Approach to the Web Services Resource Framework.” July 1, 2010.
3. Nabarun Chakrabarty, M.Sc. Thesis Title: “Integrated Platform for Coordination of Emergency Medical Response System using Mobile Devices.” April 7, 2010.
4. Shubhang Apurva Tripathi, M.Sc. Thesis Title: “Knowledge Based Evaluation of Nursing Practice Model.” November 24, 2009.
5. Sucharita Chinchankar, M.Sc. Thesis Title: “Automated Nursing Knowledge Management Using Indexing.” March 20, 2009. (Data Corp)
6. Jan Mangs, M.Sc. Thesis Title: “Enabling Access for Mobile Devices to the Web Service Resource Framework.” November 10, 2008. (Lockheed Martin)
7. Simone Pasmore, M.Sc. Thesis Title: “Web Accessibility for the Hearing Impaired.” Defended on November 12, 2008. (Broward Community College)
8. Vaishali Gohel, M.Sc. Thesis Title: “Assessing Data Interoperability of UML Modeling Tools.” Graduated December 2007. (Informatics Corp)
9. Christopher Lo, M.Sc. Thesis Title: “Visualization of Impact Analysis on Configuration Management Data for Software Process Improvement.” Graduated March 30, 2007. (LexisNexis)

Thesis External Examiner

1. External Examiner, University of Victoria, Canada. Yu Chen, M.Sc. “Building a Software Metrics Visualization Tool using the Visio COTS Product”. December 12, 2006.

Thesis Committee Member

1. Mohammad Dabbas, Ph.D. (Spring 2011 – present), Dr. Perambur S. Neelakanta
2. Sharmistha Chatterjee, Ph.D. (Fall 2010-present), Dr. Perambur S. Neelakanta
3. Raef Yassin, Ph.d. (Fall 2010 – present), Dr. Perambur S. Neelakanta
4. Jose Hurtado, M.Sc. (Fall 2010 - present), Dr. Marty Solomon
5. Esfandiar Zolghadr, Ph.D. candidate (Spring 2010 – present), Dr. Borko Furht
6. Mel Fullerton, Ph.D. candidate (Spring 2010 – present), Dr. Ed Fernandez
7. Reena Cherukuri, Ph.D candidate (Fall 2009 – present), Dr. Abhi Pandya
8. Alex Kotlarchyk, Ph.D candidate (Fall 2008 - present), Dr. Abhi Pandya
9. Manira Rani, M.Sc. candidate (Fall 2009 – April 8, 2011), Dr. Imad Mahgoub
10. Vishesh Ved, M.Sc. Thesis Title “Personal Health Record System and Intergration Technique with Various Electronic Medical Record Systems.” April 8, 2010.
11. Baishali Chaudhury, M.Sc Thesis Title: “Individual Profiling of Perceived Tinnitus by Developing Tinnitus Analyzer Software.” April 7, 2010.

12. Cong Liu, Ph.D., “Design and Implementation of Efficient Routing Protocols in Delay Tolerant Networks” June 16, 2009.
13. Shuhui Yang, Ph.D. “Connected Dominating Set in Wireless Ad Hoc Networks: Variations with Applications.” April 06, 2007.
14. Yuhong Dong, Ph.D., “Application Level Intrusion Detection Using a Sequence Learning Algorithm.” April 2006.
15. Patrick Morrison, M.Sc., Fall 2007.
16. Francisco Padron, M.Sc. “Traffic Congestion Detection Using VANET.” April 8, 2009.
17. Tinghui Xu, M.Sc. “Quorum Based IP Auto Configuration in Mobile Ad Hoc Networks”. June 12, 2006.
18. Ankit Jain, M.Sc. “Software Decomposition for Multicore Architectures”. May 1, 2006.
19. Yu Wang, M.Sc. “Label Routing Protocol: A New Cross-Layer Protocol for Multi-hop Ad Hoc Wireless Network”. April 5, 2006.

Services

1. FAU Provost Search Committee, October 2010 – April 2011
2. Faculty Marshal for Graduate College of Engineering and Computer Science, May 7, 2010
3. Faculty advisor to FAU chapter the *Society of Women Engineers* (SWE)
4. Executive Committee Member, FAU Dept. of Computer & Electrical Engineering and Computer Science (2008 -- current)
5. Undergraduate CS program committee, FAU Dept. of Computer & Electrical Engineering and Computer Science