

MELANIE A. SUTTON, Ph.D.

msutton@uwf.edu

EDUCATION

1997	Ph.D.	Computer Science and Engineering, University of South Florida
1993	M.S.	Computer Science, University of South Florida
1992	B.S.	Computer Engineering, University of South Florida

ADMINISTRATIVE-MANAGERIAL TRAINING

2010-in progress 2006	Certificates in Management/Administration Services, Human Resources, UWF Certified Online Instructor, Academic Technology Center, UWF
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PROFESSIONAL EXPERIENCE

2002-current	Associate Professor	School of Allied Health and Life Sciences, UWF
1996-2002	Assistant Professor	Department of Computer Science, UWF (Visiting, 1996-97)
1993	Software Engineer	Harris Corporation, Space Systems Division, Rockledge, FL

AWARDS

2009	Award	U-Care Award, Excellence Matters Faculty and Staff Reward and Recognition Program Recognized with nomination: "I'm taking the second course I've had with Dr. Sutton and she consistently demonstrates the characteristics described in this award. She seems to genuinely care about her students as people as well as how much they learn. She emphasized the importance of quality and integrity in everything the students pursue during class and as professionals in their field. She shows innovation in the way her online classes are structured and in the projects she assigns. She responds promptly to all student inquiries and encourages students to embrace collaboration, teamwork, and innovation in the rapidly evolving field of health informatics. She is quick to solve student technical issues, and, when needed, provide effective work-around solutions. She's flexible with the sequence and due dates when there are server issues or other technical problems but still motivates students to stay current and be responsive to each other's postings. She is very knowledgeable and effective at making the online experience as personal as a seated course experience. In the two semesters I've had her as an instructor, she has had to work around systems issues, guest speaker schedule changes and student technical problems – she did all of this effectively and with creativity, flexibility, and by keeping everyone in the loop."
2008	Award	U-Make A Difference Award, Excellence Matters Faculty and Staff Reward and Recognition Program Recognized for demonstrating knowledge, quality, innovation, ownership, professionalism, stewardship and caring in creating assessment programs for SAHLS and Biology that were used as a model of excellence and put UWF on the national map for excellence in programmatic assessment. Also recognized for creating a comprehensive training program for online instruction for all of the adjuncts and full-time faculty teaching in Biology and SAHLS that has increased the quality of the online experience for students and has trained faculty to develop top-quality online courses.
2007	Award	Appreciation Award, Pensacola chapter of the American Society of Safety Engineers Recognized for helping to promote safety and health along the Gulf Coast by bringing quality occupational safety and health educational opportunities to Pensacola and the surrounding communities.
2005	Award	Certificate of Appreciation, Academic Technology Center, UWF In recognition and appreciation of efforts to develop and teach quality online courses and programs.
2002	Award	Excellence in Undergraduate Teaching and Advising Award, \$2000, UWF
1998	Travel scholarship	Travel Scholarship, National Science Foundation, Approx. \$1,000 To attend: Workshop on Teaching Ethics and Computing, Tampa, FL.

1998	Award	Outstanding Instructor of the Semester Award College of Science and Technology, UWF, Ft. Walton Beach.
1997	Travel scholarship	Travel Scholarship, National Science Foundation, Approx. \$1,000 To attend: Workshop on Undergraduate Education and Image Computation, Puerto Rico.
1994	Award	Honorable Mention Pattern Recognition Society Award Received award for an outstanding journal article published in <i>Pattern Recognition</i> .
1993	Award	Reach for the Stars Employee Recognition Award , Harris Corporation, Space Systems Division Received award for enthusiasm, professionalism, and outstanding technical capabilities.

PUBLICATIONS (Names of authors in the same order of appearance on publications)
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JOURNAL ARTICLES (student co-authors indicated by ** symbol)

- Sutton, M.A.**, White, L.J., Mbizo, J. & Stewart, G.L. (2010). Assessment in online programs: Use in strategic planning for faculty/adjunct development and course instruction to improve faculty and student engagement. *International Journal on E-Learning*, 9(1), 129-145.
- Rotunda, R.J., Kass, S.J., **Sutton, M.A.** & Leon, D.T.** (2003). Internet use and misuse: Preliminary findings from a new assessment instrument. *Behavior Modification*, 27(4), 484-504.
- Leon, D.T.**, Rotunda, R.J., **Sutton, M.A.** & Schlossman, C. (2003). Internet forewarning effects on ratings of attraction. *Computers in Human Behavior*, 19(1), 39-57.
- Sentelle, S.**, Sentelle, C. & **Sutton, M.A.** (2002). Multiresolution-based segmentation of calcifications for the early detection of breast cancer. *Real-Time Imaging: Special Issue on Imaging in Bioinformatics*, 8(3), 237-252.
- Sutton, M.A.**, Sentelle, S.** & Rotunda, R. (2002). A pilot study in the analysis of digitized mammograms: Combining academic and commercial results on a public database. *Journal of Women's Imaging*, 4(1), 7-12.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1998). Function from visual analysis and physical interaction: A methodology for recognition of generic classes of objects. *Image and Vision Computing*, 16(11), 745-763.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1994). GRUFF-3: Generalizing the domain of a function-based recognition system. *Pattern Recognition*, 27(12), 1743-1766.

This article was awarded an Honorable Mention Pattern Recognition Society Award as an outstanding contribution to *Pattern Recognition* journal.

BOOK CHAPTERS (student co-authors indicated by ** symbol)
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- El-Sheikh, E.M., Mbizo, J., Stanny, C.J., Stewart, G.L., **Sutton, M.A.**, White, L.J. & Williams, M.H. (2010). Engaging faculty in the assessment process at the University of West Florida. In Maki, P.L. (Editor), *Coming to Terms with Student Outcomes Assessment: Faculty and Administrators' Journeys to Integrating Assessment in Their Work and Institutional Culture*, Sterling, VA: Stylus Publishing, 178-190.
- Bowyer, K.W., **Sutton, M.A.** & Stark, L. (2009). Object recognition through reasoning about functionality: A survey of related work. In Dickinson, S. (Editor), *Object Categorization: Computer and Human Vision Perspectives*, Cambridge University Press, 129-147.
- Sutton, M.A.**, Mbizo, J., Yoshihashi, A. & Hoyt, R.E. (2009). Imaging and communication in medical and public health informatics: Current issues and emerging trends. In Bankman, I.N. (Editor), *Handbook of Medical Image Processing and Analysis*, Second edition. Elsevier, Inc., 895-907.
- Sutton, M.A.** (2009). Image segmentation by fuzzy clustering: Methods and issues. In Bankman, I.N. (Editor), *Handbook of Medical Image Processing and Analysis*, Second edition. Elsevier, Inc., 91-111.
- Sutton, M.A.** & Stark, L. (2008). Function-based reasoning for goal-oriented image segmentation. In E. Rome et al. (Eds.): *Affordance-Based Robot Control, Lecture Notes in Computer Science*. Germany: Springer Berlin/Heidelberg, 159-172.
- Sutton, M.A.**, Stark, L. & Hughes, K. (2002). Exploiting context in function-based reasoning. In G.D. Hager, H.I. Christensen, H. Bunke, and R. Klein (Eds.), *Lecture Notes in Computer Science*. Germany: Springer-Verlag Heidelberg, 357-373.
- Sutton, M.A.**, Bezdek, J.C. & Cahoon, T.C.** (2000). Image segmentation by fuzzy clustering: Methods and issues. In I.N. Bankman (Ed.), *Handbook of Medical Imaging Processing and Analysis*. San Diego, CA: Academic Press, Inc., 87-106.
- Bezdek, J.C. & **Sutton, M.A.** (1999). Image processing in medicine. In H.-J. Zimmermann (Ed.), *Practical Applications of Fuzzy Technologies*. Boston, MA: Kluwer Academic Publishers, 363-416.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1997). Representing and reasoning about object functionality: Towards an integrated approach. In R.C. Bolles, H. Bunke & H. Noltemeier (Eds.), *Intelligent Robots: Sensing, Modeling, and Planning*. Singapore: World Scientific Publishing, 180-197.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1996). Chapter 2: Related work. In L. Stark & K. Bowyer, *Generic Object Recognition Using Form and Function*. Singapore: World Scientific Publishing, 7-16.

- Sutton, M.A.**, Stark, L. & Bowyer, K. (1996). Chapter 3: The “knowledge primitives.” In L. Stark & K. Bowyer, *Generic Object Recognition Using Form and Function*. Singapore: World Scientific Publishing, 17-26.
- Bennett, N., **Sutton, M.A.**, Stark, L. & Bowyer, K. (1996). Chapter 4: The functional properties. In L. Stark & K. Bowyer, *Generic Object Recognition Using Form and Function*. Singapore: World Scientific Publishing, 27-32.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1996). Chapter 5: The “category definition tree.” In L. Stark & K. Bowyer, *Generic Object Recognition Using Form and Function*. Singapore: World Scientific Publishing, 33-39.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1996). Chapter 6: The function-based analysis process. In L. Stark & K. Bowyer, *Generic Object Recognition Using Form and Function*. Singapore: World Scientific Publishing, 41-59.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1996). Chapter 7: Recognition results for complete 3-D shapes. In L. Stark & K. Bowyer, *Generic Object Recognition Using Form and Function*. Singapore: World Scientific Publishing, 61-66.
11. **Sutton, M.A.**, Stark, L. & Bowyer, K. (1993). Function-based generic recognition for multiple object categories. In A.K. Jain & P.J. Flynn (Eds.), *Three-Dimensional Object Recognition Systems*. Amsterdam: Elsevier Science Publishers, 447-470.

BOOKS/eBOOKS, ASSOCIATE EDITOR

All proceeds donated to the UWF Foundation to promote medical informatics education in the United States and abroad.

- Hoyt, R.E., Editor. *Medical Informatics: Practical Guide for the Healthcare Professional, Third Edition*. (2009). **Sutton, M.A.** & Yoshihashi, A. (Associate Editors). 343 pages, Lulu.com. Sold as a paperback or an eBook.
- Hoyt, R.E., Editor. *Medical Informatics: Practical Guide for the Healthcare Professional 2008*. (2008). **Sutton, M.A.** & Yoshihashi, A. (Associate Editors). 2nd Edition, 349 pages, Lulu.com. Sold as a paperback or an eBook.
- Hoyt, R.E., Editor. *Medical Informatics: Practical Guide for the Healthcare Professional 2007*. (2007). **Sutton, M.A.** & Yoshihashi, A. (Associate Editors). 1st Edition, 249 pages, Lulu.com. Sold as a paperback or an eBook.

CONFERENCES: ARTICLES IN PROCEEDINGS (student co-authors indicated by ** symbol)

- Wells, D.L.**, El-Sheikh, E.M., **Sutton, M.A.**, Di Santo, V.** & Bennett, W.A. (2009). Automated image processing of X-radiographs of digestion in stingrays. *Proceedings of the 2009 International Conference on Artificial Intelligence*, CSREA Press, 715-719.
- Sutton, M.A.**, Deneke, L.**, Eme, J.**, Bennett, W. & Wray, F. (2003). Development and assessment of bioinformatics tools for species conservation and habitat management. In Titsworth, F. (Ed.), *Proceedings of the 2003 IEEE Bioinformatics Conference*, Piscataway, NJ: IEEE, Inc., 654-655.
- Sentelle, S.**, Sentelle, C. & **Sutton, M.A.** (2003). Rapid segmentation of calcification clusters using multi-resolution guided fuzzy c-means and wavelet processing. In Peitgen, H.-O. (Ed.), *IWDM 2002 6th International Workshop on Digital Mammography*, Germany: Springer-Verlag Heidelberg, 414-416.
- Sutton, M.A.**, Marin, A.**, Sentelle S**, Wooldridge, S., Griffith, P. & Dell, C. (2001). Development and assessment of protocols for efficient utilization of large-scale digital mammography databases. In Yaffe, M.J. (Ed.), *IWDM 2000 5th International Workshop on Digital Mammography*, Madison, WI: Medical Physics Publishing, 777-784.
- Cahoon, T.C.**, **Sutton, M.A.** & Bezdek, J.C. (2000). Breast cancer detection using image processing techniques. In *Proceedings of FUZZ-IEEE 2000: 9th IEEE International Conference on Fuzzy Systems*, Piscataway, NJ: IEEE, Inc., 973-976.
- Hutcheson, T.**, **Sutton, M.A.** & Bezdek, J.C. (1999). Small target classification in LADAR images with fuzzy templates. In Sadjadi, F.A. (Ed.), *SPIE Proceedings 3718: Automatic Target Recognition IX*. Bellingham, WA: SPIE Press, 172-180.
- Kuncheva, L., Bezdek, J. & **Sutton, M.A.** (1998). On combining multiple classifiers by fuzzy templates. In Bezdek, J. & Hall, L.O. (Eds.), *Proceedings of the IEEE Conference of the North American Fuzzy Information Processing Society*, Piscataway, NJ: IEEE, Inc., 193-197.
- Sutton, M.A.** & Bezdek, J. (1998). Enhancement and analysis of digital mammograms using fuzzy models. In J.M. Selander (Ed.), *SPIE Proceedings 3240: 26th Applied Imagery and Pattern Recognition (AIPR) Workshop: Exploiting New Image Sources and Sensors*, Bellingham, WA: SPIE Press, 179-190.
- Sutton, M.**, Bowyer, K. & Stark, L. (1996). Interactive confirmation of object functionality. In McDowell, J.K. (Ed.), *Working Notes of the AAAI Workshop on Modeling and Reasoning With Function*, Menlo Park, CA: AAAI Press, 117-120.
- Sutton, M.A.**, Liu, H., Stark, L. & Bowyer, K. (1995). Towards a domain-independent function-based recognition system. In Stewman, J.H. (Ed.), *Proceedings of the Florida Artificial Intelligence Research Symposium*, St. Petersburg, FL: Florida AI Research Society, 294-298.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1992). “We do dishes, but we don’t do windows”: Function-based modeling and recognition of rigid objects. In Casasent, D.P. (Ed.), *Proceedings of the SPIE Workshop on Intelligent Robots and Computer Vision XI: Algorithms, Techniques and Active Vision*, Bellingham, WA: SPIE Press, 132-143.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1992). A short survey: What is a “generic” object model for computer vision? In Fishman, M.B. (Ed.), *Proceedings of the Florida Artificial Intelligence Research Symposium*, St. Petersburg, FL: Florida AI Research Society, 252-256.
- Sutton, M.A.**, Stark, L. & Bowyer, K. (1991). Capturing function in a generic representation scheme. In *Proceedings of the 8th Israeli Symposium on Artificial Intelligence and Computer Vision*, Jerusalem: Color Print Press, 97-111.

CONFERENCES: ABSTRACTS / PRESENTATIONS

1. Sisskin, E., Mbizo, J. & **Sutton, M.A.** (2010, November 6-10). Interactive strategies for teaching environmental justice in online MPH programs (abstract accepted; presented by E. Sisskin). American Public Health Association 138th Annual Meeting and Expo. Denver, CO.
2. Sisskin, E., Mbizo, J., Hahn, A., **Sutton, M.A.**, Stewart, G.L. & Reedy, S.L. (2009, November 11). Innovative strategies for online delivery of public health courses and programs: Implications for student engagement and retention (abstract accepted; presented by E. Sisskin). American Public Health Association 137th Annual Meeting and Expo. Philadelphia, PA.
3. Mbizo, J., **Sutton, M.A.**, Sisskin, E. & Stewart, G.L. (2009, November 11). Determinants of infant mortality disparities in Escambia County, Florida (abstract accepted; presented by J. Mbizo). American Public Health Association 137th Annual Meeting and Expo. Philadelphia, PA.
4. Stark, L., Hughes, K. & **Sutton, M.A.** (2000). Exploiting functional context in computer vision (invited lecture, presented by L. Stark). Workshop on Modelling of Sensor-based Intelligent Robot Systems, International Conference and Research Center for Computer Science, Dagstuhl, Germany.
5. Rotunda, R. & **Sutton, M.A.** (1999). Interactive Internet exercises for undergraduate psychology courses (demonstration). Eleventh Annual Southeastern Conference on the Teaching of Psychology, Atlanta, GA.
6. Stark, L., **Sutton, M.A.** & Bowyer, K.W. (1997). Current research efforts in use of function in computer vision (invited lecture, presented by L. Stark). Workshop on Knowledge-based Computer Vision, International Conference and Research Center for Computer Science, Dagstuhl, Germany.
7. **Sutton, M.A.** (1996). Function-based reasoning for symbolic labeling and interaction (invited lecture). IEEE Computer Society Workshop on Function, Formation, and Facilitation, IEEE Conference on Computer Vision and Pattern Recognition, San Francisco, CA.
8. Stark, L., **Sutton, M.A.** & Bowyer, K.W. (1996). Current research efforts in function-based recognition (invited lecture, presented by L. Stark). Workshop on Modelling and Planning for Sensor-based Intelligent Robot Systems, International Conference and Research Center for Computer Science, Dagstuhl, Germany.
9. **Sutton, M.A.** (1994). GRUFF-3: Generalizing the domain of a function-based recognition system / Generic recognition of articulated objects by reasoning about functionality (invited lecture). IEEE Computer Society Workshop on the Role of Functionality in Object Recognition, IEEE Conference on Computer Vision and Pattern Recognition, Seattle, WA.

INVITED SEMINARS / LECTURES, INTERNATIONAL

1. **Sutton, M.A.** (2009, October 18-23). "Object Recognition Through Reasoning About Functionality: A Survey of Related Work and Open Problems." Invitation to present at the International Conference and Research Center for Computer Science in Schloss Dagstuhl, Germany. (One of 40 researchers of international standing in their respective fields invited to participate in Dagstuhl Seminar 09431: From Form to Function.)
2. **Sutton, M.A.** (2006, June 5-9). "Function-based Reasoning for Goal-Oriented Image Segmentation." Invitation to present at the International Conference and Research Center for Computer Science in Schloss Dagstuhl, Germany. (One of 40 researchers of international standing in their respective fields invited to participate in Dagstuhl Seminar 06231: Towards Affordance-Based Robot Control.)
3. **Sutton, M.A.** (1998). "The Role of Functionality in Object Recognition." Invited lecture to School of Mathematics, University of Wales, Bangor, United Kingdom (transmitted through video-link to the Universities of Cardiff, Swansea and Aberystwyth).

INVITED LECTURES / PRESENTATIONS / PANELIST, REGIONAL & NATIONAL

1. **Sutton, M.A.** (2011, February 25). "Building High-Quality Online Programs: Support for Strategic Planning and Accreditation Efforts Using a Team-Oriented Model Emphasizing Quality, 360-Degree Assessment, and Public Accountability". Invited presentation to College of Natural Sciences and Mathematics, University of West Alabama, Livingston, AL.
2. **Sutton, M.A.** (2007, August 2-5). National Science Foundation-Research Experiences for Undergraduates reunion/follow-up (invited attendee and panelist). Orlando, FL: University of Central Florida.
3. **Sutton, M.A.** (1998). Challenges facing engineering faculty members in implementing undergraduate research (invited panelist). Council on Undergraduate Research 7th National Conference: Creating Undergraduate Research Opportunities in Changing Communities, Los Angeles, CA.

INVITED LECTURES / PRESENTATIONS / PANELIST, UWF

1. **Sutton, M.A.** (2011, February 11). "Capturing and Retaining Quality in Your Online Course". Invited presentation to Graduate Student Teaching Academy, hosted by Athena DuPre, Department of Communication Arts, University of West Florida.
2. **Sutton, M.A.** (2010, February 26). "Online Teaching: Training for Success". Invited presentation to Graduate Student Teaching Academy, hosted by Athena DuPre, Department of Communication Arts, University of West Florida.

3. Dawson, D., Schwatz, M. & **Sutton, M.A.** (2009, February 6). "Strategies for Success in Online Teaching". Invited presentation to Techniques for Enhancing Online Teaching and Learning, Center for University Teaching, Learning and Assessment, University of West Florida.
4. Dawson, D., Schwartz, M. & **Sutton, M.A.** (2008, October 3). Engaging students in online courses (invited panelist). UWF Mini-Conference on Best Practices for Student Engagement in Face-to-Face and Online Courses, Center for University Teaching, Learning and Assessment, University of West Florida.
5. **Sutton, M.A.**, Mbizo, J. & Stewart, G.L. (2008, February 29). "A Competency-Based, Online Master of Public Health Program: A Model for Innovative Assessment Strategies". Invited presentation to 2008 UWF Spring Mini-Conference: Best Practices for Assessment and Curricular Reform (in coordination with UWF Articulation Day), Pensacola, FL.
6. Mbizo, J., **Sutton, M.A.** & Stewart, G.L. (2008, February 8). "Using Second Life as an Extra Credit Engagement Tool for Scavenger Hunts in the Online Master of Public Health Program". Invited presentation to Learn 8 in '08 – Discover New Ways to Engage Students, Academic Technology Center, University of West Florida.

POSTER PRESENTATIONS, UWF (student co-authors indicated by ** symbol)

1. Wells, D.L.**, El-Sheikh, E.M., **Sutton, M.A.**, Di Santo, V.** & Bennett, W.A. (2009). An application for automated image processing of stingray digestion X-rays. SEASTARS, College of Arts and Sciences, University of West Florida.

NEWSLETTERS, UWF

1. **Sutton, M.A.** & Reedy, S.L. (2010, Fall). Success with LinkedIn: Getting students to think beyond earning an easy 'A', ITS HelpDesk Spotlight on Academics Newsletter, 5.

INTERVIEWS FOR PRESS RELEASES, UWF

1. Forrester, S. (23 February 2010). Interviewed for University Marketing Communications UWF Top Story, "Health Care + Information Technology = Medical Informatics".

IRB PROPOSALS, UWF

1. Co-PIs: Hoyt, R. & **Sutton, M.A.** Additional UWF personnel: Reedy, S. (2010, March-August). Predictors in success in informatics education. In collaboration with researchers at the University of Texas in Houston. Approved.

MANUSCRIPTS UNDER DEVELOPMENT (student co-authors indicated by ** symbol)

In collaboration with researchers at the University of West Florida, the U.S. Environmental Protection Agency, the University of North Carolina Wilmington, and/or the University of North Texas:

- Dabruzzi, T.F.**, Eme, J., **Sutton, M.A.** & Bennett, W.A. Effect of temperature on bimodal oxygen uptake in the yellow-lipped sea krait *Laticauda colubrine*.
- Dabruzzi, T.F.**, Jimenez., A.G., Speaks, J.E.**, Stoler, S.**, **Sutton, M.A.**, Pomory, C.M. & Bennett, W.A. Thermal tolerance and metabolic responses of two damselfish species from a hyperthermic rockpool nursery in Dry Tortugas National Park, USA.
- Speaks, J.E.**, Randall, C.J., Jimenez., A.G., Dabruzzi, T.F.**, **Sutton, M.A.**, Pomory, C.M. & Bennett, W.A. Thermal tolerance in resident and transient rockpool fishes along Loggerhead Key, Dry Tortugas National Park.

In collaboration with researchers at the University of West Florida and the University of Texas in Houston:

- Willcockson, I.U., Herskovic, J.R., **Sutton, M.A.**, Hoyt, R.E., Johnson, C.W., Johnson, T.R. & Bernstam, E.V. Using early quizzes to predict student outcomes in online introductory biomedical informatics courses.

GRANTS AND CONTRACTS

COMPETITIVE EXTRAMURAL GRANTS (student co-authors indicated by * symbol)

<u>Agency</u>	<u>Dates</u>	<u>Amount</u>	<u>Role</u>	<u>Activity</u>
Florida's Great Northwest	2009	\$292,728	Co-PI	PI: White, L. <u>Co-PIs:</u> Sutton, M.A. & Ter Haar, L. <i>Innovative New Programs for an Industry-Vested IT Workforce in Northwest Florida: Software Engineering Graduate Program.</i>
Florida's Great Northwest	2009	\$10,000	PI	PI: Sutton, M.A. Co-PIs: Hoyt, R., Mbizo, J., Hahn, A., Behan, K. & Stewart, G. <i>Innovative New Programs for an Industry-Vested IT Workforce in Northwest Florida: Health Sciences and Technology Training Retreats for High School Guidance Counselors and Academy Directors.</i>
The Whitaker Foundation	1999-2003	\$208,080	PI	PI: Sutton, M.A. <i>Development and Assessment of Protocols for Efficient Utilization of Large-scale Digital Mammography Databases.</i> [Worked with local radiologists to develop automated enhancement techniques for breast cancer detection; competitive schools included Stanford, MIT, Univ. of Washington, etc.]
Council on Undergraduate Research	1999, summer	\$4,500	Project Mentor	Student: Cahoon, T.** <u>Project Mentor:</u> Sutton, M.A. <i>Council on Undergraduate Research Student Summer Research Fellowship in Science and Mathematics.</i> [One of 20 nationally awarded for undergraduate research.]

COMPETITIVE INTRAMURAL GRANTS (student co-authors indicated by ** symbol)
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<u>Source</u>	<u>Dates</u>	<u>Amount</u>	<u>Role</u>	<u>Activity</u>
UWF, Pace Academic Development Program	2008	\$25,000	PI	PI: Sutton, M.A. <i>Building High-Quality Online Programs at UWF: Support for Strategic Planning and Accreditation Efforts Using a Team-Oriented Model Emphasizing Quality, 360-Degree Assessment, and Public Accountability.</i>
UWF, College of Arts and Sciences	2006	\$1,000	Project Mentor	Student: Bennett, L.** <u>Project Mentor:</u> Sutton, M.A. <i>Recycling Works: An Application of the EPA's Quest for Less Program to the Bajo People of Indonesia.</i> Undergraduate Research Award.
UWF, Research & Graduate Studies	2003, summer	\$6,250	PI	PI: Sutton, M.A. <i>Development and Assessment of Bioinformatics Tools to Enhance Species Conservation and Habitat Management.</i> UWF Summer Research Award.
UWF, Research & Graduate Studies	2002, summer	\$7,500	PI	PI: Sutton, M.A. <i>The Use of Function-based Reasoning in Goal-oriented Resegmentation: A New Computer Vision Approach to Drive Generic Object Recognition.</i> UWF Summer Research Award.
UWF, College of Arts and Sciences	2000, summer	\$5,900	PI	PI: Sutton, M.A. <i>Developing a Cross-disciplinary Course of Distinction: Computer Vision.</i> Curriculum Development Award.
UWF, Equipment Enhancement Funds	1999-2001	\$171,659 + \$30k/yr	Chair	<u>Committee Chair:</u> Sutton, M.A. , UNIX Committee. <i>Enhancement of UNIX-based Instruction and Course Delivery at UWF.</i>
UWF, Solutia, Inc. & College of Science and Technology	1998-99	\$2,000	PI	PI: Sutton, M.A. <i>Enhancement of Digital Mammograms.</i> Solutia, Inc. Research Award.
UWF, College of Science and Technology	1998, summer	\$1,000	PI	PI: Sutton, M.A. <i>College of Science and Technology Summer Technology Training Workshop.</i> Grant used to purchase distance learning equipment to support interdisciplinary research (computer science and engineering).

UWF, Office of the Provost	1998, summer	\$10,000	Co-PIs	<u>Co-PIs:</u> Rotunda, R. & Sutton, M.A. <i>Web-based Templates for Distance Learning and Supplemental Classroom Instruction in Psychology</i> . Distance Learning and Technology-Based Instruction Initiative Grant.
UWF, Solutia, Inc. & College of Science and Technology	1997-98	\$2,000	PI	<u>PI:</u> Sutton, M.A. <i>Enhancement and Analysis of Digital Mammograms Using Fuzzy Models</i> . Research Award.

CONTRACTS / CONSULTING

<u>Agency</u>	<u>Dates</u>	<u>Amount</u>	<u>Role</u>	<u>Activity</u>
University of the Pacific	1999	\$500	Consultant	Stark, L., Sutton, M.A. & Rotunda, R. Assessment instruments for evaluating undergraduate research.
Office of Naval Research	1997-99, summers	\$21,884	Consultant	Bezdek, J., PI, Fuzzy detection and classification of small mobile land targets in ladar images.
NeoPath, Inc.	1997, summer	\$1,100	Consultant	Consultant to NeoPath, Inc. in Neuromedical Systems, Inc. vs. NeoPath, Inc. software patent dispute.

PROFESSIONAL MEMBERSHIPS

<u>Dates</u>	<u>Role</u>	<u>Organization</u>
2010-present	Member, Facilitator	LinkedIn – Alliance for Informatics Networking group Facilitating online professional development/networking for faculty/students with regional and national businesses and recruiters.
2010-present	Member, Volunteer Contributor	The Orange Grove, Florida's Digital Repository Developing free informatics-based learning objects for K-12 and Higher Education educators
2008-2009	Member	Florida Public Health Association
2008-2009	Member	Southern Health Association
2007-2009	Member	American Public Health Association
2006-2009	Member	Healthcare Information and Management Society
2006	Member	American Medical Informatics Association
1998-2000	Councilor	Council on Undergraduate Research, Engineering Division
1997-2003	Member	Council on Undergraduate Research
1989-2008	Member	Institute of Electrical and Electronics Engineers

COURSES TAUGHT

Certificate in Medical Informatics + undergraduate/graduate/continuing education partnership programs

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| 1. BSC 4434/5459 Bioinformatics | 4. HSA4193/5198 Electronic Clinical Record Systems |
| 2. HSA4190/5197 Introduction to Medical Informatics | 5. PHC6994 Computer Applications in Public Health |
| 3. HSC4990/5512 Health Care Quality, Statistics, and Database Management | |

B.S., Health Sciences

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|---------------------------------------|--|
| 1. HSA4191 Health Information Systems | 2. HSC3990/HSC3534 Introduction to Medical Terminology |
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B.S./M.S., Computer Science

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| 1. CAP 4401/5990/6400 Digital Image Processing | 6. COP 3530 Data Structures |
| 2. CDA 3310 Microprocessor Systems | 7. COP 2/4221 UNIX Operating System & C Programming |
| 3. CDA 3101 Computer Organization & Architecture | 8. COP 4990 Adv. Operating Systems w/ UNIX & C |
| 4. CIS 3020 Introduction to CIS | 9. COP 4601 Software Systems |
| 5. COP 3/4331 Object Oriented Programming | |

Miscellaneous programs

1. IDH4970 Honors Thesis, in support of UWF Honors Program
2. PCB4970 Interdisciplinary Senior Research Project, in support of B.S., Interdisciplinary Information Technology
3. PHC4905, PCB 4905, BSC5/6905, CXX/EEL 4/6905 Directed Independent Studies; CIS 3949 Co-op Supervision; EEL 4914C Senior Design (co-supervision)

Additional Courses, co-developed or co-facilitated w/ various faculty & adjuncts

1. HSA 4431/5438 Bus. Analysis/Decision Making in Healthcare
2. BSC 4854/5856 Bioterrorism
3. HSC 5655 Foundations of Health Care Ethics
4. HSC 4654 End-of-Life Ethics
5. PCB 4703 Gerontology
6. MCB 4276/5273 Epidemiology of Infectious Diseases
7. HSA 4110/5115 Health Care Policy and Administration
8. HSA 4430/5436 Health Economics
9. PCB 4703 Human Physiology
10. HSC 3550 Pathophysiology

Numerous other courses in support of the following online programs: Certificate in Public Health, B.S. in Health Sciences, Master of Public Health, M.S.A.-Biomedical/Pharmaceutical (w/ various faculty & adjuncts)

THESIS/DISSERTATION COMMITTEES

<u>Dates</u>	<u>Role</u>	<u>Student Name / Degree / University / Title</u>
2002-2003	Member	R. Restino, M.S. , Psychology Consequences of Workaholism: Its Impact on Job Satisfaction, Leisure Activities, and Non-Work Relationships
1999-2002	Chair	S. Sentelle, M.S. , Computer Science, UWF An Assessment of Fuzzy Clustering and Discrete Wavelet Analysis Applications for the Early Detection of Abnormalities in Digital Mammograms
1997-2001	Member	M. Powell, Ph.D. , Computer Science and Engineering, USF Toward Objective Color From Images [Dissertation received the USF Graduate Council Outstanding Dissertation Award.]
1999-2000	Chair	A. Marin, M.S. , Computer Science, UWF Utilization of the Digital Database for Screening Mammography for Performance Assessment of Segmentation Algorithms Using Image Sampling

SERVICE ACTIVITIES

DEPARTMENTAL SERVICE

<u>Dates</u>	<u>Role</u>	<u>Activity</u>
2008-current	Supervisor	<u>Training/Trainer, Administration Services, representative tasks:</u> <ul style="list-style-type: none">• Training/professional development/trouble-shooting responsibilities for new staff member, including administrative/budgetary tasks and development of support services meeting faculty/adjunct, volunteer and student workflow needs and accreditation requirements
2006-current	Coordinator, Proctor	HOST Kryterion Test Center, Sacred Heart Hospital
2005-current	Cross-Trainer	Adjunct/UWF Faculty eLearning and QEP Cross-Trainer [aka "eJam" trainer] <u>Cross-Trainer, representative tasks:</u> <ul style="list-style-type: none">• Informatics & Oceanography programs/courses, technical assistance; regularly interfaced w/ approximately 4-7 adjuncts/faculty/GTAs during year; assistance provided for approximately 1-3 additional online courses per semester not directly assigned to me, 2009-current• Certificates in Health Care Ethics/Public Health/Medical Informatics, Oceanography, BSMS, MSA, & MPH programs/courses, technical assistance; regularly scheduled group-based and one-on-one eLearning trainings covering co-development, co-maintenance, use of direct video, narrated PowerPoint, Adobe Presenter, Elluminate, podcasts, ViewletCam, Articulate, Crossword Weaver, Dazzle video conversion, etc.; interfaced with up to 30 adjuncts/faculty/GTAs per year for approximately 5-10 additional online courses per semester (not assigned directly to me), 2005-2009• Faculty Training website, creation/maintenance, providing digital/mobile solutions for online course development training (uwf.edu/msutton/elearning), 2005-2009

2002-current	Website Developer	Numerous overview and program-specific sites, including: <ul style="list-style-type: none"> • uwf.edu/msutton/career_planning (2009-current) • uwf.edu/sahls & uwf.edu/dlhs (2002-Summer 2009)
2002-2011	Co-Director	Medical Informatics Certificate Program (2004-2011); Working Group on Medical Informatics, DLHS (2002-2004) <u>Co-Director, representative tasks:</u> <ul style="list-style-type: none"> • Managed finances/donations/budgets, meetings/outreach/recruitment activities, exhibition conference presence, curricula/course quality/programmatic evaluation, off-campus location & web presence (uwf.edu/sahls/certificate-informatics & uwf.edu/sahls/medicalinformatics)
2002-2011	Academic Advisor	Medical Informatics Certificate program <u>Academic Advisor, representative tasks:</u> <ul style="list-style-type: none"> • Managed admissions/completions, files, program articulation with 7 partnership departments/programs, retention/progression/graduation planning and implementation & web presence (uwf.edu/sahls/certificate-informatics/applying.cfm)
2004-2011	Workshop Coordinator	<u>Workshop Coordinator, representative tasks:</u> <ul style="list-style-type: none"> • Managed finances/budgets, on-campus/off-site events, including advertising, coordinating, & co-hosting of online and face-to-face educational outreach initiatives targeted to healthcare professionals, indoor air quality workers, and high school teachers; managed web presence (uwf.edu/sahls/workshops & uwf.edu/sahls/alliance/cmeceu_courses.cfm)
2006-2008	Member	Mobile and Wireless Solutions Committee, SAHLS
2008	Academic Advisor	Biomedical/Pharmaceutical track, M.S.A.
2002-2010	Academic Advisor	Bioinformation track, B.S. Interdisciplinary Information Technology
2002-2010	Member	SAHLS Advisory Committee (evolved from DLHS Advisory Committee)
2007-2009; pre-planning: 2005-2007	Chair	MPH Ad Hoc CEPH Self-Study/On-Site Resource File Committee <u>CEPH Accreditation, representative tasks:</u> <ul style="list-style-type: none"> • OUTCOME: 7/19/2009, 5 year, full accreditation (only 20% of applicants receive full accreditation and this accomplishment made UWF one of just 3 online MPH programs in the U.S.A. at the time with CEPH accreditation) • MPH Self-Study document, creation/co-proofing, 247 pages • MPH On-Site Resources File, creation/organization, 5 archival file bins • MPH Faculty Bylaws and Standing Rules, creation/co-proofing, 17 pages • Honor Code; MPH Internship Guide; MPH Comprehensive Exam Guide; & Rubric for MPH Internship Competencies documents, co-creation/updating annually • Response to Site Visit Report, co-writing/proofing, 14 pages • Departmental planning for CEPH accreditation consultation and final on-site visit, cross-training adjuncts in the development and use of indirect and direct protocols for programmatic assessment; training of external evaluator on quality enhancement expectations for a formal round of syllabus audits on all SAHLS online courses and programs (also included the initiation of projects to examine multi-semester feedback on changes in course design and implementation methods resulting from student feedback and redesign of the MPH ALP SLOs to meet CEPH competency-based requirements) • MPH website, creation/design/maintenance, including design/co-design/posting of all forms, processes, committee memberships, etc. (uwf.edu/sahls/masters-ph)
2007-2009	Member	MPH Steering Committee
2005-2009	Member	MPH Admissions Committee
2007-2009	Member	MPH Curricula Committee
2007-2009	Member	MPH Internship Coordination Committee

2005-2009	Liaison	SACS and CEPH Accreditation and QEP Implementation <u>SACS Accreditation, representative tasks:</u> <ul style="list-style-type: none"> • <i>eCoach Assignments and Responsibilities</i> document, creation, providing training plan for online MPH, BSHS, and MSA-Biomedical/Pharmaceutical programs in support of newly appointed faculty for these programs, 2009 • faculty training for BSHS/MSA-Biomedical/Pharmaceutical academic advising, 2008-2009 • <i>Honor Code & MSA-Biomedical/Pharmaceutical Internship Guide</i> documents, creation/updating annually, 2006-2008 • <i>Biology Department Comprehensive Assessment Plan</i> document, creation, describing indirect and direct protocols for programmatic assessment and associated cross-training of Biology/SAHLS faculty for general education, undergraduate and graduate programs, updated annually, 2005-2007; pre-planning, 2004-2005 • Quality Assurance website, creation/design/maintenance (uwf.edu/sahls/quality)
2007	Member	Biology Search Committee, Administrative Specialist position
2001-2002	Member	CIS 3020 Intro to CIS Curriculum Planning Committee, CS Department CDA 3101 Computer Organization Curriculum Planning Committee, CS Department
2001-2002	Coordinator	CAP 4401 Digital Image Processing / CAP4410 Computer Vision, CS Department
1998-2002	Member/Liaison	UF/UWF Computer Engineering/ABET Accreditation Committee, CS & ECE Departments <u>ABET Accreditation, representative tasks:</u> <ul style="list-style-type: none"> • OUTCOME: Computer Engineering curricula accredited with Electrical Engineering program review • Created and/or organized all supporting documentation for ABET accreditation of Department of Computer Science courses which were part of Computer Engineering degree offered by the Electrical and Computer Engineering Department, in cooperation with the University of Florida • Responsible for initiation and follow-up on over 100 formal curriculum revision requests (CCRs) needed in support of updating UWF catalog for programmatic offerings and review
1999-2001	Chair	UNIX Committee (Ad Hoc), CS Department
2000	Member	Undergraduate Curriculum Steering Committee, CS Department
1999-2000	Member	Graduate Curriculum Steering Committee, CS Department
1999-2000	Chair	Undergraduate Curriculum Committee, CS Department
1999-2000	Member	Graduate Admissions & Scholarships/Assistantships Committee, CS Department
1999	Member	Teaching Assistants Committee (Ad Hoc), CS Department
1997-2000	Member	Departmental Publicity/Brochures/Web Committee, CS Department
1998-99	Chair	Course Curriculum Revision (CCR) Committee, CS Department
1998-99	Member	Faculty Recruitment Committee, CS Department
1997	Member	Faculty Search Committee, ECE Department

UNIVERSITY-WIDE SERVICE

<u>Dates</u>	<u>Role</u>	<u>Activity</u>
2010-current	Volunteer Contributor	The Orange Grove, Florida's Digital Repository <u>Volunteer Contributor, representative tasks:</u> <ul style="list-style-type: none"> • Co-designed and beta-tested in cooperation with educational collaborators items under development for submission to The Orange Grove • Demonstrated use of The Orange Grove and Orange Grove Texts Plus to educators from a range of disciplines.
2008-2010	Member	University Personnel Committee
2008-2009	Member	Task Force for Electronic Courseware
2009	Appointee	Orange Grove Scholar
2007-2008	Member	Task Force for Best Practices in Online Teaching
2005-2008	Member	Council Representative, College of Arts and Sciences
2005-2006	Member	Center for University Teaching and Learning, Director Search Committee
2002-2010	Member	SAHLS Advisory Committee (evolved from DLHS Advisory Committee)
1996-2002	Co-director	Robotics and Image Analysis Laboratory, CS & ECE Departments
2003	Member	Faculty Search Committee, GIS Department

2003	Member	Excellence in Undergraduate Teaching and Advising Award Committee
1998-2000	Member	Athletic Fee Committee
1999-2002	Member	Engineering Advisory Council
1998-1999	Member	Council Representative, College of Science and Technology
1998	Member	Advisor Search Committee, College of Science and Technology
1998	Member	Teaching Incentive Program Award Committee, College of Science & Technology

REGIONAL/COMMUNITY SERVICE

<u>Dates</u>	<u>Role</u>	<u>Activity</u>
2009-present	Co-founder, Co-coordinator	Alliance for Medical Informatics (Northwest Florida) <u>Co-founder/Co-coordinator, representative tasks:</u> <ul style="list-style-type: none"> Managed finances, meetings/outreach activities & web presence (uwf.edu/sahls/alliance)
2006-2007	Co-developer	Okaloosa School District Development of online recruitment video for UWF programs
2006-2007	Co-developer	Gulf Breeze High School Development of online recruitment video for UWF programs
1998-2002	Co-host	Science Seminar for High School Students Worked with colleagues from the Departments of Medical Technology (1998-99), Biology (2000-01) and Engineering (2002) to plan, organize and host 10-11 weekly evening lectures and demonstrations/tours for 11th/12th graders. Outreach efforts reached 278 students in 2000 and 240 students in 2001, w/ average nightly attendance of 90-100 high school students.
1999	Co-organizer	Math and Science Day, UWF (CS representative to high school seniors)
1998	Judge	Regional Science and Engineering Fair, UWF (CS judge for high school projects)

NATIONAL SERVICE

<u>Dates</u>	<u>Role</u>	<u>Activity</u>
1995-current	Reviewer	Various conferences and journals, including: <i>International Journal of Pattern Recognition and Artificial Intelligence</i> ; <i>IEEE Trans. on Pattern Analysis and Machine Intelligence</i> ; <i>IEEE Trans. on Image Processing</i> ; <i>IEEE Trans. on Fuzzy Systems</i> ; <i>Image and Vision Computing Journal</i> ; <i>CVGIP: Image Understanding</i> ; Computer Vision and Pattern Recognition Conference.
1998-2003	Member (1998-2003); Councilor (1998-2000)	Engineering/CS Division, Council on Undergraduate Research (CUR) This Washington, D.C.-based organization helps faculty promote and fund innovative research-based methods for enriching undergraduate education.
1998-2000	Committee Co-Chair	Data and Statistics Committee, Council on Undergraduate Research (CUR) Worked directly with the National Executive Officer and CUR members representing Biology, Chemistry, Geology, Math, Physics, Psychology, and CS. Two-year project involved the development and implementation of methods for tracking undergraduate research programs at designated primarily undergraduate institutions.

CONFERENCES / WORKSHOPS / TRAININGS: ATTENDED

ADMINISTRATIVE-MANAGERIAL TRAINING

<u>Date</u>	<u>Workshop/Training</u>
2011	<u>UWF</u> : HR167 Understanding Workplace Violence (identifying/assisting students in crisis)
2010	<u>UWF</u> : BRREQAP Banner Requisition Approver Training Course; BRREQ Banner Requisition Training Course; BRPCMGR PCard Manager Course; BRBSCWEB Banner Basics; BRPCBSC PCard Basic Course; HRMAN2193 Employee Engagement: From Taking Ownership to Inspiring Passion; HRMAN2192 Constructive Conflict; HRMAN2160 Understanding Your Workforce and What Motivates Them; HR158 Building Skills to Handle Life's Pressures; Employment Management System; HR155 Workplace Diversity: The Basics; HR79 CAS101 Travel; HR120 CAS 101 Position, Performance & Employment Management System: The Job Questionnaire Process; BudgBasic CAS 101 Budget Basics & Reports <u>HIMSS</u> : Career Planning Workshop; Through the Looking Glass: The Glass Ceiling in HIT [both Atlanta, GA];

2009 Web conference: Basics of Open Textbook Adoptions' for Open Textbook Advocate Trainers
UWF: Publishing in the Digital Age - University Press of Florida; Training: budgeting, Banner, vendor contracting, CAERS reporting

TEACHING TRAINING

<u>Date</u>	<u>Workshop/Training</u>
2009	<u>UWF</u> : Applying the Quality Matters Rubric
2008	<u>UWF</u> : Workshop on Writing Student Learning Outcomes; Planning Assessment Backwards (with Peggy Maki); Online But Not Isolated Conference
2007	<u>UWF</u> : The Elluminate Users Conference; Elluminate Training; Guidelines for Course Syllabi, CCR submissions, and Program ALC and ALP Documents; CUTLA Round Table Discussion; Workshops on Project Management and the QEP (with Peggy Maki)
2006	<u>UWF</u> : Teaching with The New York Times Workshop; eStudio (4 evenings total); Mechanics of Test Construction; Curriculum Assessment: Creating Direct and Indirect Assessments
2005	<u>UWF</u> : Games in Education; Rubrics for Grading and Assessment Workshop; Writing Assessable Student Learning Outcomes; Departmental Assessment: Viable, Feasible, and Useful for Departmental Needs (with Barbara Walvoord); Using the Grading Process for Grades, Student Learning Self-Improvement, and Departmental Action (with Barbara Walvoord)
2001	<u>Kauai, HI</u> : IEEE Workshop on Combined Research-Curriculum Development in Computer Vision (CVPR)
2000	<u>UWF</u> : Faculty Teaching Effectiveness and Portfolio Workshop
1999	<u>Atlanta, GA</u> : Eleventh Annual Southeastern Conference on the Teaching of Psychology
1998	<u>UWF</u> : College of Science and Technology Summer Technology Workshop; Web-based Training/On-line Learning '98 Conference
	<u>Tampa, FL</u> : NSF-sponsored Workshop on Teaching Ethics and Computing (USF)
1997	<u>Puerto Rico</u> : NSF-sponsored Workshop on Undergraduate Education and Image Computation (CVPR)
1994-95	<u>Tampa, FL</u> : Teaching Effectiveness Workshops, Center for Teaching Enhancement (USF) Attended a series of teaching effectiveness workshops (20 hours) to develop and improve teaching skills. Topics included: <i>Enhancing Students' Critical and Creative Thinking Skills</i> , <i>Active Learning: Creating Excitement in the Classroom</i> , <i>Recognizing and Responding to Learning Style Differences</i> , and <i>Focusing on Communication in the Diverse Classroom</i> .

ACCREDITATION PARTICIPATION/TRAINING

<u>Date</u>	<u>Workshop/Training</u>
2010	<u>UWF</u> : Program Review On-Site Visit, B.S. Interdisciplinary Information Technology/Bioinformatics track
2008	<u>UWF</u> : CEPH Accreditation On-Site Visit
2007	<u>UWF</u> : CEPH Accreditation Consultation On-Site Visit; SACS/CEPH Accreditation/Assessment Consultation (with Peggy Maki)
	<u>Washington, D.C.</u> : CEPH Orientation Meeting & Training
1999-2002	<u>UWF</u> : ABET Consultation Visit; ABET On-Site Visit
	<u>Destin, FL</u> : ABET Engineering Criteria 2000 Training Workshop (1999)

RESEARCH PARTICIPATION/TRAINING

<u>Date</u>	<u>Conference/Workshop</u>
2009	<u>Germany</u> : Dagstuhl Seminar 09431: From Form to Function (International Conference and Research Center for Computer Science in Schloss Dagstuhl)
	<u>Web Conference, UWF</u> : 2009 External Funding Web Conference: The Agency for Healthcare Research and Quality New Research Initiatives at AHRQ
2007	<u>Orlando, FL</u> : National Science Foundation-Research Experiences for Undergraduates reunion/follow-up (invited attendee and panelist at U. of Central Florida)
2006	<u>Germany</u> : Dagstuhl Seminar 06231: Towards Affordance-Based Robot Control (International Conference and Research Center for Computer Science in Schloss Dagstuhl)
2003	<u>Stanford, CA</u> : IEEE Bioinformatics Conference
	<u>Washington, D.C.</u> : IEEE Symposium on Bioinformatics and Bioengineering
2002	<u>La Jolla, CA</u> : Biomedical Engineering Research Grants Conference (The Whitaker Foundation)
2001	<u>Kauai, HI</u> : IEEE Computer Society Workshop on Mathematical Methods in Biomedical Image Analysis (CVPR)
	<u>La Jolla, CA</u> : Biomedical Engineering Research Grants Conference (The Whitaker Foundation)
2000	<u>Canada</u> : 5th International Workshop on Digital Mammography (Toronto)
1999	<u>Minneapolis, MN</u> : Council on Undergraduate Research: National Councilor's Conference
1998	<u>Washington, D.C.</u> : 26th Applied Imagery and Pattern Recognition (AIPR) Workshop: Exploiting New Image Sources & Sensors
	<u>Pensacola, FL</u> : IEEE Conference of the North American Fuzzy Information Processing Society
	<u>Los Angeles, CA</u> : Council on Undergraduate Research: Creating Undergraduate Research Opportunities in

	Changing Communities
1996	<u>San Francisco, CA:</u> IEEE Computer Society Workshop on Function, Formation, and Facilitation (CVPR)
1995	<u>Melbourne, FL:</u> Florida Artificial Intelligence Research Symposium
1994	<u>Seattle, WA:</u> IEEE Computer Society Workshop on the Role of Functionality in Object Recognition (CVPR)
1992	<u>Boston, MA:</u> SPIE Workshop on Intelligent Robots and Computer Vision XI: Algorithms, Techniques and Active Vision
	<u>Ft. Lauderdale, FL:</u> Florida Artificial Intelligence Research Symposium

MARKETING / RECRUITING EVENTS ON BEHALF OF UWF: ATTENDED (** included invited student participant)

<u>Date</u>	<u>Event</u>
2010	<u>Pensacola, FL:</u> Healthcare IT Vendor Software Networking Meeting** [Alliance for Medical Informatics and PJC]; Networking Breakfast [Alliance for Medical Informatics and FIHMC]
2009	<u>Atlanta, GA:</u> Health Information Management and Systems Society Conference** <u>Pensacola, FL:</u> Strategic Health Intelligence Summit; Networking Luncheon for Partners in Education and Advisory Roles** [Alliance for Medical Informatics]; Kick-Off Meeting for Partners in Regional Industry and Education** [Alliance for Medical Informatics]; Mini Health Fair Escambia County Medical Society; IT GulfCoast; Nursing Assembly; Orientation for Executive Software Engineering/Medical Informatics program
2008	<u>Chicago, IL:</u> Health Information Management and Systems Society Conference <u>Pensacola, FL:</u> IT GulfCoast Networking Event; Strategic Health Intelligence Summit; Escambia County Health Department's Healthy Families; Nursing Assembly
2007	<u>Orlando, FL:</u> Health Information Management and Systems Society Conference <u>Pensacola, FL:</u> Strategic Health Intelligence Summit; District 1 Advisory Council; West Florida High School; Health Careers Day at PJC; Nursing Assembly; American Society of Safety Engineers
2006	<u>Tallahassee, FL:</u> UWF Day at the Capital <u>New Orleans, LA:</u> Health Information Management and Systems Society Conference <u>Pensacola, FL:</u> Northwest Florida Life Sciences Council/Andrews Institute; Gulf Breeze High School; UWF Open House; Panhandle Health Information Management Association; Northwest Florida Life Sciences Council; Northwest Florida Infection Control Practitioners Conference; UWF Town Hall Meeting; Nursing Assembly
2005	<u>Fort Walton Beach, FL:</u> Health Care Career Fair; Emerald Coast Health Fair <u>Panama City, FL:</u> Bay Medical Center, 2nd annual Education Fair <u>Tallahassee, FL:</u> UWF Day at the Capital
2005-2007	<u>Pensacola, FL:</u> High Tech High Schools; University of West Florida Articulation Day with Community Colleges <u>Tallahassee, FL:</u> UWF Day at the Capital <u>Pensacola, FL:</u> Sacred Heart Hospital, West Florida Hospital, Baptist Hospital, & Navy Hospital Pensacola [each 2-3 times/year]

OUTREACH / TRAINING / CONTINUING EDUCATION WORKSHOPS ON BEHALF OF UWF: CO-HOSTED

<u>Date</u>	<u>Event</u>
2009-current	Continuing Education Mini-Courses (indoor air quality and medical informatics) [online]
2009	<u>Co-sponsored w/ Indoor Air Quality Training Institute:</u> Certified Microbial Remediator/Supervisor (3 day) <u>Co-sponsored w/ American Society of Safety Engineers:</u> OSHA Construction Industry 10-hr Course (2 day) <u>Co-sponsored w/ S. Reedy:</u> Healthcare IT Workshops for Healthcare and Business Professionals (approx weekly)
2008	<u>Co-sponsored w/ Indoor Air Quality Training Institute:</u> Certified Microbial Remediator/Supervisor (twice, 3 day); Mold Awareness (1/2 day) <u>Co-sponsored with BRACE as part of Hurricane Herb Emergency preparation/Planning Scenario:</u> BRACE/Escambia County Incident Command Center Training Exercise (1/2 day) <u>Co-sponsored w/ S. Starling:</u> Environmental Issues in the Real Estate Transaction: What Every Buyer, Seller and Real Estate Agent Should Know (2 hour); OSHA Basics for Business-Brown Bag Lunch (1 hour) <u>Co-sponsored w/ S. Reedy:</u> Healthcare IT Workshops for Healthcare and Business Professionals (approx weekly)
2007	<u>Co-sponsored w/ Indoor Air Quality Training Institute:</u> Mold Awareness (1/2 day); Certified Indoor Environmentalist/Supervisor (4 day, twice); Certified Microbial Remediator/Supervisor (3 day); Certified Mold Remediator (3 day) <u>Co-sponsored w/ American Society of Safety Engineers:</u> OSHA Construction Industry 10-hr Course (2 day); OSHA General Industry 10-hr Course (2 day) <u>Co-sponsored w/ Aerotech Technical Institute:</u> Certified Residential Mold Inspector (3 day)

- 2006 Co-sponsored w/ Indoor Air Quality Training Institute:
 Certified Mold Remediator (3 day, three times); Certified Indoor Environmentalist (4 day, twice); Mold Awareness (1/2 day)
- 2005 Co-sponsored w/ American Society of Safety Engineers:
 Basic Electrical Safety With Application of NFPA 70E (1 day)
- 2005 Co-sponsored w/ Indoor Air Quality Training Institute:
 Mold Awareness (1/2 day, twice, included post-workshop development of online materials, including streaming video of concluding panel discussion); Certified Mold Remediator (4 day); Mold Remediation Worker (2 day)
- 2005 Co-sponsored w/ Central Gulf Coast Federal Safety and Health Council & American Society of Safety Engineers:
 Bioreadiness for Safety Professionals (2 day)
- 2005 Co-sponsored w/ R. Felkey:
 Computer Applications for Health Care: Excel and Access (1/2 day); Computer Applications for Health Care: Word and PowerPoint (1/2 day)
- 2005-2006 Training/continuing education workshops planned or marketed for UWF: Protecting the Health and Safety of Hospital and Nursing Home Workers; Protecting the Health and Safety of Hospital Workers: A Web-based Interactive Workshop; Protecting the Health and Safety of Nursing Home Workers: A Web-based Interactive Workshop; Returning to Nursing; Infection Control, AIDS/HIV and OSHA Bloodborne Pathogen Training Workshop; OSHA Hazard Communication Training for the Dental/Medical Office; Word for Health Care Professionals; Excel for Health Care Professionals; Workshop on Computer Applications in Health Care: Word and PowerPoint; Workshop on Computer Applications in Health Care: Excel and Access: A Hands-On, Interactive Workshop