

S Berlin Brahnam

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Website: www.brahnam.info

Relevant Education

Ph. D. (Computer Science), 2002, The Graduate Center at the City University of New York
Masters of Science (Computer Science), 1997, The City College of New York, School of Engineering
Masters of Fine Art (Intermedia), 1991, The City College of New York, School of Fine Arts

Publications

Refereed Journals

1. Sheryl Brahnam. "Person perception for social agents: Research on outfitting social agents with a facial trait perception system," *Innovative Concepts for Agent-Based Systems*, W. Truszkowski, C. Rouff, M. Hinchey, editors, **Lecture Notes in Artificial Intelligence/Lecture Notes in Computer Science**, Vol. 2564, pp. 460-462 (2003). Impact Factor: 0.402.[†]
2. Sheryl Brahnam. "Type/face," **M/C: A Journal of Media and Culture** 7(1) (2004).
3. Sheryl Brahnam, Tonya B. Barrier, Thomas M. Margavio, Michele A. Hignite, and Jerry M. Chin. "A Gender-Based Categorization for Conflict Resolution: Are Emerging IS Professionals Different?" **Journal of Management Development** 24 (3), pp. 197-208 (2005).
4. Sheryl Brahnam. "A computational model of the trait impressions of the face for agent perception and face synthesis," **Interdisciplinary Journal of Artificial Intelligence and the Simulation of Behaviour** 1(6), pp. 481-508 (2005).
5. Sheryl Brahnam, Chao-Fa Chuang, Frank Y. Shih, and Melinda R. Slack. "Machine recognition and representation of neonatal facial displays of acute pain," **Artificial Intelligence in Medicine** 36(2), pp. 211-222 (2006). Impact Factor: 1.882. General Acceptance Rate: 30%.
6. Sheryl Brahnam. "The impossibility of collaborating with kathy: The stupid bitch!" **M/C Journal** Vol. 9(2)(4 May 2006).
7. Sheryl Brahnam, Chao-Fa Chuang, Frank Y. Shih, and Melinda R. Slack. "SVM classification of neonatal facial images of pain," *Fuzzy Logic and Applications*, Isabelle Bloch, Alfredo Petrosino, Andrea G. B. Tettamanzi, editors, **Lecture Notes in Computer Science**, 3849, pp. 121-128 (2006). Impact Factor: 0.402. Acceptance Rate: 58%.[†]
8. Sheryl Brahnam, Chao-Fa Chuang, Randal S. Sexton, and Frank Y. Shih. "Machine assessment of neonatal facial expressions of acute pain," **Decision Support Systems** 43, pp. 1242-1254 (2007). Impact Factor: 2.76. Acceptance Rate for this issue: <20%.
9. Antonella De Angeli and Sheryl Brahnam. "I hate you: Disinhibition with virtual partners," **Interacting with Computers** 20(2) pp. 302-310, (2008). Impact Factor: 1.698.

[†] At the time of this publication, *Lecture Notes in Computer Science* (LNCS) was considered by some a computer science journal and was listed as such by ISI. After 2006, ISI dropped LNCS from their journal listings. Since my two LCNS publications were published before ISI dropped LNCS, I include them as journal publications along with their impact factors.

10. Sheryl Brahnam. "Building character for artificial conversational agents: Ethos, ethics, believability, and credibility." *PsychNology Journal*, 7(1) pp. 9-47 (2009).
11. Sheryl Brahnam and Loris Nanni. "Predicting trait impressions of faces using local face recognition techniques," *Expert Systems with Applications*, 37(7) pp. 5086-5093 (2010). Impact Factor: 1.924.
12. Loris Nanni, Alessandra Lumini, and Sheryl Brahnam. "Advanced machine learning techniques for microarray spot quality classification." *Neural Computing & Application*, 19(3) pp. 471-475 (2010). Impact Factor: 0.563.
13. Loris Nanni, Alessandra Lumini, and Sheryl Brahnam. "Local Binary Patterns variants as texture descriptors for medical image analysis." *Artificial Intelligence in Medicine* 49(2) pp. 117-125 (2010). Impact Factor: 1.960.
14. Loris Nanni, Jian-Yu Shi, Sheryl Brahnam, and Alessandra Lumini. "Protein classification using texture descriptors extracted from the protein backbone image," *Journal of Theoretical Biology* 264(3) pp. 1024-1032 (2010). Impact Factor: 2.574.
15. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "A high performance set of PseAAC descriptors extracted from the amino acid sequence for protein classification." *Journal of Theoretical Biology* 266(1) pp. 1-10 (2010). Impact Factor: 2.574.
16. Loris Nanni, Sheryl Brahnam, Alessandra Lumini. "A local approach based on a local binary patterns variant texture descriptor for classifying pain states." *Expert Systems with Applications* 37(12) pp. 7888-7894 (2010). Impact Factor: 1.924.
17. Loris Nanni, Alessandra Lumini, Sheryl Brahnam. "High performance set of features for biometric data." *International Journal of Automated Identification Technology*, 2(1), pp. 1-7 (2010).
18. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Artificial intelligence systems based on texture descriptors for vaccine development." *Amino Acids* 40(2) pp. 443-451 (2011). Impact Factor: 4.132.
19. Loris Nanni, Alessandra Lumini, and Sheryl Brahnam. "Likelihood Ratio based features for a trained biometric score fusion." *Expert Systems with Applications*, 38(1) pp. 58-63 (2011). Impact Factor: 1.924.
20. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Local ternary patterns from three orthogonal planes for human action classification." *Expert Systems with Applications*, 38(5) pp. 5125-5128 (2011). Impact Factor: 1.924.
21. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Combining different local binary pattern variants to boost performance." *Expert Systems with Applications* 38(5) pp. 6209-6216 (2011). Impact Factor: 1.924.
22. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Texture descriptors for generic pattern classification problems." *Expert Systems with Applications* 38(8) pp. 9340-9345 (2011). Impact Factor: 1.924.
23. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Biohashing applied to an orientation-based minutia descriptor for a secure fingerprint authentication system." *IET Electronics Letters* 47(15), pp. 851-853 (2011). Impact Factor: 1.001.
24. Sheryl Brahnam, Marianthe Karanikas, and Margaret Weaver. "(Un)dressing the interface: Exposing the foundational metaphor 'computer is woman.'" In *Interacting with Computers* (In press). DOI: 10.1016/j.intcom.2011.03.008. Impact Factor: 1.698.
25. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Random interest regions for object recognition based on texture descriptors and bag of features." *Expert Systems with Applications* (In Press). DOI:1016/j.eswa.2011.07.097. Impact Factor: 1.924.
26. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "A very high performing system to discriminate tissues in mammograms as benign and malignant." *Expert Systems with Applications* (In Press). DOI:1016/j.eswa.2011.08.050. Impact Factor: 1.924.
27. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Matrix representation in pattern classification." *Expert Systems with Applications* (In Press). DOI:1016/j.eswa.2011.08. Impact Factor: 1.924.
28. Sheryl Brahnam. "To hear—to say: The mediating presence of the healing witness." In *AI & Society* 27(1), (in Press). DOI:10.1007/s00146-011-0327-5

29. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Matrix representation in pattern classification Survey on LBP based texture descriptors for image classification." **Expert Systems with Applications** (In Press). DOI: [Impact Factor: 1.924](#).
30. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "A user dependent multiresolution approach for biometric data." **International Journal of Information Technology and Management** 11(1/2), pp. 112-121 (2012)

Refereed Book Chapters

31. Victor Y. Pan, Sheryl Brahnam, Rhys Eric Rosholt, and Ailong Zheng. "Newton's iteration for structured matrices and linear systems of equations," **Fast Reliable Algorithms for Matrices with Structure: Advances in Design and Control**, T. Kailath and A. H. Sayed, editors, **SIAM**: Philadelphia, pp. 189-207 (1999).
32. Sheryl Brahnam, Loris Nanni, and Sexton Randall. "Introduction to neonatal facial pain detection using common and advanced face classification techniques," **Advanced Computation Intelligence Paradigms in Healthcare, 1, Studies in Computational Intelligence (SCI) Series**: Springer-Verlag, Berlin, 48, pp. 225-253 (2007).
33. Sheryl Brahnam and Loris Nanni. "Predicting trait impressions of faces using classifier ensembles," **Computational Intelligence: Collaboration, Fusion, and Emergence Series. Intelligence Systems Reference Library**: Springer-Verlag, Berlin. pp. 403-439 (2009).
34. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Novel features for automated cell phenotype image classification." **Advances in Computational Biology: Advances in Experimental Medicine and Biology (AEMB)**: Springer-Verlag, Berlin, 680, pp. 207-213 (2010). [Acceptance Rate: 18%](#).
35. Loris Nanni, Sheryl Brahnam, Alessandra Lumini. "Fusion of lighting insensitive approaches for illumination robust face recognition." **Biometrics: Theory, Applications and Issues: Nova Science Publishers, Inc.** pp. 81-105 (2010).
36. Loris Nanni, Sheryl Brahnam, Alessandra Lumini, and Tonya Barrier, "Datamining based on intelligent systems for decision support systems in healthcare," **Advanced computational Intelligence Paradigms in Healthcare 5: Intelligent Decision Support Systems**: Springer-Verlag, Berlin, pp. 45-65 (2010).

Edited Books

37. Sheryl Brahnam and Lakhmi Jain, **Advanced Computational Intelligence Paradigms in Healthcare 5: Intelligent Decision Support Systems**, Springer-Verlag, Berlin (2010).
38. Sheryl Brahnam and Lakhmi Jain, **Advanced Computational Intelligence Paradigms in Healthcare 6: Virtual Reality and Intelligent Systems in Mental and Physical Healthcare**, Springer-Verlag, Berlin (2011).

Editor Special Journal Issues

39. Editorial for the special issue on *Abuse and misuse of social agents* (with Antonella De Angeli), *Interacting with computers*. 20(2) pp. 2-5 (2008) Impact factor: 1.225.
40. Editorial for the special issue on *Misuse and abuse of interactive technologies* (with Antonella De Angeli, Christoph Bartneck, and Catherine Pelachaud), *Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems* (2008) Impact factor: .776

Refereed Conferences & Workshops (Published Papers)

41. Sheryl Brahnham. "Creating physical personalities for agents with faces," Proceedings of the **UM2001 workshop on Attitudes, Personality and Emotions in User-Adapted Interactions**, Sonthofen, Germany (2001).
42. Sheryl Brahnham. "Agents as artists: Automating socially intelligent embodiment," Proceedings of the **CHI02 workshop on Philosophy & Design of Socially Adept Technologies**, Minneapolis, MN, pp. 15-18 (2002).
43. Sheryl Brahnham. "Smart faces for smart agents: Notes on modeling the social impressions of the face for face synthesis" Proceedings of the **6th International Conference on Computational Intelligence and Natural Computing - The 7th Joint Conference on Information Sciences (JCIS 2003)**, Cary, NC, Duke University, pp. 1677-1680 (2003).
44. Jerry Chin, Sheryl Brahnham, and Mary Chin. "Business students sharpen c# programming skills with visual studio tools for microsoft office," Proceedings of **ISECON04**, Newport, RI, paper number 4114 (2004).
45. Sheryl Brahnham, Michael A. Hignite, Thomas M. Margavio, Tonya B. Barrier, and Jerry M. Chin. "Are Women in IS Better at Managing Conflict?" Proceedings of the **Americas Conference on Information Systems (AMCIS04)**, New York, NY, pp. 1205-1212 (2004).
46. Sheryl Brahnham. "A study in artificial personality from the perspectives of the observer and self-observer: Modeling the physical personality of faces," Proceedings of the **AAMAS04 workshop on Modeling Other Agents from Observation (MOO-04)**, New York, NY, pp. 57-64 (2004).
47. Sheryl Brahnham. "Artificial personality and the need to include the observational perspectives more centrally research agenda," Proceedings of the **AAMAS04 workshop on Modeling Other Agents from Observation (MOO-04)**, New York, NY, pp. 109-112 (2004).
48. Sheryl Brahnham. "Modeling the physical personality of the face for ECA self-presentation and interaction with users and the relation of physical personality to emotion," Proceedings of the **AAMAS04 workshop on Embodied Conversational Agents: Balanced Perception and Action in ECAs**, New York, NY, pp. 26-33 (2004).
49. Sheryl Brahnham. "Towards smart embodiment for virtual agents," Proceedings of the **Third International Joint Conference on Autonomous Agents and Multi Agent Systems (AAMAS04)**, New York, NY, pp. 1268-1269 (2004).
50. Jerry Chin, Sheryl Brahnham, and Mary Chin. "Flying face of outsourcing," Proceedings of **Decision Sciences Institute Southwest Regional Annual Meeting**, Dallas, TX, pp. 627-636 (2005).
51. Sheryl Brahnham. "Notes on developing strategies for handling customer abuse of ECAs," Proceedings of the **INTERACT05 workshop on ABUSE: The Darker Side of Human-Computer Interaction**, Rome, Italy, pp. 62-67 (2005).
52. Antonella De Angeli, Sheryl Brahnham, and Peter Wallis. "ABUSE: The Darker Side of Human-Computer Interaction," Proceedings of **INTERACT05**, Rome, Italy, pp. 91-92 (2005).
53. Sheryl Brahnham, Cgao-Fa Chuang, Frank Y. Shih, and Melinda R. Slack. "SVM classification of neonatal facial image of pain," Proceedings of the **6th International Workshop on Fuzzy Logic and Applications (WILF05)**, University of Milan, Crema, Italy (2005).
54. Antonella De Angeli, Sheryl Brahnham, Peter Wallis, and Alan Dix. "Misuse and abuse of interactive technologies," Proceedings of **CHI06**, Montréal, Québec, Canada, (2006).
55. Sheryl Brahnham. "Gendered bods and bot abuse," Proceedings of the **CHI06 workshop on Misuse and Abuse of Interactive Technologies**, Montréal, Québec, Canada, (2006).
56. Antonella De Angeli and Sheryl Brahnham. "Sex stereotypes and conversational agents," Proceedings of the **AVI06 workshop on Gender and Interaction: Real and Virtual Women in a Male World**, Venice, Italy, (2006).
57. Antonella De Angeli and Sheryl Brahnham. "Facing emotions: Responsible experiential design." Proceedings of **INTERACT07**, Rio De Janeiro, Brazil, pp. 9-10 (2007).
58. Sheryl Brahnham. "Failure to thrive: Value scenarios within the framework of well-being and flourishing," Proceedings of the **CHI08 workshop on Values, Value and Worth: Their Relationship to HCI?** Florence, Italy, (2008).

59. Sheryl Brahnam and Loris Nanni. "Neonatal facial pain detection using NNSOA and LSVM," Proceedings of the **International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV08)**, Las Vegas, vol. 2, pp. 352-357, (2008).
60. Loris Nanni and Sheryl Brahnam. "A Genetic algorithm for creating a set of color spaces for ear authentication," Proceedings of the **International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV09)**, Las Vegas, NV, pp. 971-975 (2009).
61. Sheryl Brahnam and Loris Nanni. "High performance set of features for human action classification," Proceedings of the **International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV09)**, Las Vegas, NV, pp. 980-984 (2009).
62. Loris Nanni, Sheryl Brahnam, and Alessandra Lumini. "Selecting the best performing rotation invariant patterns in local binary/ternary patterns," Proceedings of the **International Conference on Image Processing, Computer Vision, and Pattern Recognition (IPCV10)** Las Vegas, NV, pp. 369-375 (2010).
63. Sheryl Brahnam, Loris Nanni, Jian-Yu Shi, Alessandra Lumini. "Local phase quantization texture descriptor for protein classification," Proceedings of the **International Conference on Bioinformatics and Computational Biology (Biocomp10)** Las Vegas, NV, pp. 159-165 (2010).
64. Sheryl Brahnam. "Ethical considerations in the customer abuse of artificial conversational agents." Proceedings of the **18th Annual International Business Ethics Conference**, New York, NY (Forthcoming October 2011).

Refereed Presentations & Posters (Published Abstracts)

65. Sheryl Brahnam. "Using computer simulations in teaching scientific writing," Presentation given at the **New York Applied Linguistics Conference**, New York, NY (1996).
66. Victor Y. Pan, Sheryl Brahnam, Rhys Eric Rosholt, and Ailong Zheng. "Algorithms for refinement of solutions of toeplitz-like linear systems," **RSRC'99-Joint AMS/IMS/SIAM Summer Research Conference: Structured Matrices in Operator Theory, Numerical Analysis, Control, Signal and Image Processing**, Boulder, CO, (1999) (published abstract).
67. Sheryl Brahnam. "Self-adapting face interfaces: Task-reflecting embodiment" abstract of poster presentation at the **GSFC/JPL workshop: Radical Agent Concepts (WRAC)**, NASA Goddard Space Flight Center, Greenbelt, MD, (2002) (published abstract).
68. Sheryl Brahnam. "Evolving artifactual artisans from with cultural space of the face," Paper presented at the 17th Annual Conference of the **Society of Literature and Science**, Austin, TX, p. 15 (2003) (published abstract).
69. Sheryl Brahnam and Sean Zdenek. "Designing women the old-fashioned way: The gendered rhetoric of animated interface design," Paper presented at the 18th Annual Conference of the **Society of Literature and Science**, Durham, NC, p.9, (2004) (published abstract).
70. Sheryl Brahnam. "The virtual text is watching you: Facing the virtual face interface," Paper presented at the 18th Annual Conference of the **Society of Literature and Science**, Durham, NC, pp. 8-9, (2004) (published abstract).
71. Howell, M. .L., Hom, H. L. Jr., Roberston, J. E., and Brahnam, S. "Hindsight bias and theory of mind tasks with children," Poster presented at the **Annual Meeting of Southwestern Psychological Association**, Austin, TX, (2006).
72. Sheryl Brahnam. "The first supper: Living and working with artifactual life forms," session abstract published in the 20th Annual Conference of the **Society for Literature, Science and the Arts**, New York City, NY, (2006) (published abstract).
73. Sheryl Brahnam. "Working with autonomous human-like artifacts and the anthropomorphic tension," Paper presented at the 20th Annual Conference of the **Society for Literature, Science and the Arts**, New York City, NY, (2006).
74. Harry L Hom, Jr., Timothy S. Freeman, Sheryl Brahnam, Jessica L. Guccione, and Sara C. Ayres. "Hindsight bias in emotional facial expressions," Poster presented at the **Annual Convention of the Southwestern Psychological Association (SWPA)**, Ft. Worth, TX, (2007).

75. Sheryl Brahnam. "Undressing conversational agents: What the turing test reveals," Paper presented at the **Feminisms and Rhetorics Conference session: "I'm not a Feminist": The Complexities of Ethos in a Postmodern World**, Lansing MI, (2009).

Introductions & Forwards

76. Sheryl Brahnam and Lakhmi C. Jain. "Intelligent decision support systems in healthcare." ***Advanced computational Intelligence Paradigms in Healthcare 5: Intelligent Decision Support Systems***, Springer-Verlag, Berlin (2010).
77. Sheryl Brahnam and Lakhmi C. Jain. 'Virtual reality in psychotherapy, rehabilitation, and assessment.' ***Advanced computational Intelligence Paradigms in Healthcare 6: Virtual Reality in Psychotherapy, Rehabilitation, and Assessment***, Springer-Verlag, Berlin, (2011).

Invited Talks

Sheryl Brahnam. "Building conversational agents: Ethos, credibility, believability," **Proceedings of The Ethics of Presence and Social Presence Technologies**, Padua, Italy, (2008).

Other

1. Dissertation: Sheryl Brahnam, (2002). *Modeling physical personalities for virtual agents by modeling trait impressions of the face: A neural network analysis*. Ph.D. Thesis.
2. Pilot Infant COPE (Classification of Pain Expressions) database and study design: A database of still photographs of neonatal faces and evaluation protocols for evaluating machine classification of neonatal pain expressions. This database contains 204 facial photographs of 26 infants experiencing a variety of stimuli, including a pain stimulus, and is available to researchers interested in pain expression classification.
3. Image Control Point Utility: a program for adding control points to faces that is available to researchers in face recognition
4. Abstract of Journal item #7 published in *Acute Pain* (8) 3 p. 146 (2006).
5. Infant COPE2 database and study design: A database of still and video images of neonatal faces and evaluation protocols for evaluating machine classification of neonatal pain expressions.

Grants

1. MSU Faculty Grant: Feasibility Study for Developing a Machine Classification System of Neonatal Facial Expressions of Pain (2003).
2. MSU Faculty grant: Customer Verbal Abuse of Online Embodied Conversational Agents (2006).
3. MSU Faculty summer research grants (2): 2003 and 2004.
4. "Missouri State University Provost's Futures Grant (with Vonda Yarberry and Ruth Barnes) (2007).
5. MSU Summer Fellowship Research Grant (2011).

Professional Experience

Assistant and Associate Professor at Missouri State University

Assistant Professor from Fall 2002 to Summer 2007.

Associate Professor from Fall 2007 to present.

CIS Department

Fall 2002 to present

Undergraduate Courses

CIS 201 Computer Applications for Business (1 semester)

CIS 202 and 260 Program Design and Development (5 semesters, 2 summers)

CIS 375 Advanced Web Programming (2 semesters)

CIS 421 Information Systems in Business (2 semester)

Graduate Courses

CIS 661/761 (Traditional and iTV) Management Information Systems (taught several sections every semester and 2 summers).

CIS 661 (eSchool) Management Information Systems (every semester, 8 summers)

Instructor at Yeshiva University

MIS Department

Fall 2001 to Spring 2002

Undergraduate Courses

ENT 2250 Internet for Business (1 semester)

ENT 2251 Advanced Internet for Business (1 semester)

ENT 2125 C++ (1 semester)

ENT 3831 Visual Basic (1 semester)

Instructor and Adjunct at Baruch College

CIS/STAT Department

Fall 1996 to Fall 2001

Undergraduate Courses

CIS 3100 Introduction to C++ (6 semesters)

CIS 4100 Advanced C++ (8 semesters)

CIS 4500 Advanced Networking (2 semesters)

CIS 2200 Introduction to Computer Information Systems (3 semesters)

CIS 3630 Multimedia (6 semesters)

CIS 3500 Introduction to Networking (2 semesters)

CIS 5800 Advanced Projects (2 semesters)

Graduate Courses

CIS 9310 Introduction to C++ (2 semesters)

CIS 9350 Introduction to Networking (1 semester)

CIS 9360 Multimedia (2 semesters)

CIS 9000 Management Information Systems (1 semester)

Course Development

Developing interdisciplinary CIS courses

Developed an online version of 661 2004-2005 (Missouri State University)

Developed Studentwebstuff.com 1998-2005 (Missouri State University)

Developed numerous courses for the immersion summer sessions 1994-2000 (CCNY)

Service

A. Professional Service

1. **Co-Editor in Chief** (with Jain C. Lakhmi and Richi Nayak) of *International Journal of Knowledge and Web Intelligence* (IJKWI).
2. **Co-Editor** (with Antonella De Angeli) Special issue entitled *Abuse and Misuse of Social Agents, Interacting with computers* (2008).
3. **Co-Editor** (with Antonella De Angeli, Chritoph Bartneck, and Catherine Pelachaud) Special issue entitled *Misuse and Abuse of Interactive Technologies, Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems* (2008).
4. **Co-Chair** and member organizing committee for **Interact07 workshop: Facing Emotions: Responsible Experiential Design**.
5. **Co-Chair and member organizing committee** for **CHI06 workshop: Misuse and Abuse of Interactive Technologies**.
6. **Co-chair and member organizing committee** for **Interact05 workshop: Abuse: The Darker Side of Human Computer Interaction**.
7. **Dissertation committee member** Chao-Fa Chuang, NJIT (2007).
8. **Session chair** *The Rhetoric of Virtual Embodiment, Intelligent Assistants, and Virtual Humans*, SLS, Durham, NC, 2004.
9. **Session chair and organizer** *The First Supper: Living and Working with Artifactual Life Forms*, SLSA, NY, NY, 2006.
10. **Member AI advisory board** LifeBoat Foundation: Safeguarding Humanity.
11. **Member editorial board** International Journal of Knowledge Engineering and Soft Data Paradigms (IJKESDP) 2008 to present.
12. **Member editorial board** *Journal of Knowledge and Learning Objects* (LKJLO) 2005 to present.
13. **Member editorial board** *International Journal of Service and Computing Oriented Manufacturing* (IJSCOM) 2010 to present.
14. **Member editorial board** *Informing Science: the International Journal of an Emerging Transdiscipline* 2005 to Nov. 2006.
15. **Member editorial board** for *Journal of Information Technology Education* 2005 to present
16. **Programme Committee** *6th International Symposium Advances in Artificial Intelligence and Applications* (AAIA'11).
17. **Member program committee** *ICDIP International Conference on Digital Information Processing and Communications* 2010, 2011.
18. **Member program committee** *ICSECS 2nd International Conference on Software Engineering and Computer Systems* 2010.
19. **Member program committee** *DICTAP International Conference on Digital Information and Communication Technology & apps* 2010.
20. **Member program committee** *AVI 2006 Gender and Interaction: Real and Virtual Women in a Male World*, Venice, Italy, 2005.
21. **Outside reviewer:** Faculty promotion, Manchester Business School, Manchester University, UK (2007).
22. **Outside reviewer** PSC-CUNY faculty grant awards 2003.
23. **Outside reviewer ESRC Grant:** Proposal for a European Economic and Social Research Council Grant
24. **Reviewer** *Artificial Intelligence in Medicine* 2011 to present.
25. **Reviewer** *IEEE Transactions on Multimedia* 2011 to present.
26. **Reviewer** *Pattern Recognition* 2011 to present.
27. **Reviewer** *IUI* 2010.
28. **Reviewer** *Virtual Reality* 2009.
29. **Reviewer** *Presence* 2009.
30. **Reviewer** CHI 2008 conference.

31. **Reviewer** CHI 2007 (Reviewed workshop proposals).
32. **Reviewer** CHI 2006 workshop *Abuse and misuse of interactive technologies*.
33. **Reviewer** *Gender and Interaction: Real and Virtual Women in a Male World (AVI)* 2006
34. **Reviewer** *Inform* 2005 to present.
35. **Reviewer** *Informing Science: The International Journal of an Emerging Transdiscipline* 2005 to present.
36. **Reviewer** *INTERACT 2005 workshop The darker side of human-computer interaction*.
37. **Reviewer** *Decision Support Systems (DSS)* 2005.
38. **Reviewer** *AMCIS* 2004.
39. **Reviewer** *Informing Science Conference* 2003.
40. **Web designer and master** Agent Abuse research group: www.agentabuse.org.
41. **Web designer and master** HCI "responsible experiential computing," www.facingemotions.org.
42. **Participant** CUNY Innovative and Exemplary Program 1989.
43. **Participant** Fipse grant research in curriculum development 1990-1995.
44. **Workshop Leader** teacher development workshops at the City College of New York and City University of New York 1992-1996.

B. Academic Service

University

1. **Member and subcommittee chair** of CGEIP 2003-2008 (MSU).
2. **Member** of ad hoc committee to develop Interdisciplinary Interactive Arts Studios as part of the provost incentive program 2005 - 2006 (MSU).
3. **Member** of the Graduate Faculty 2005 to present (MSU).
4. **Member** of the library committee 2009 to present (MSU).

College

Member of the Graduate MBA Assessment taskforce. Also served as the MIS **CIS 661 subchair** 2004 to 2009 (MSU).

Departmental (CIS MSU)

1. **Advised** 6 independent studies projects.
2. **Co-Chair** CIS minor in web programming: 2004 to present.
3. **Chair** curriculum subcommittee to develop programming courses for the humanities, 2006 to present.
4. **Coordinator** for CIS 661, 2004 to present.
5. **Member** of Computer Resource Committee, Spring 2002 to present.
6. **Co-Administrator** MSDN Resources, Spring 2002 to Fall 2005.
7. **Member** curriculum development committee for CIS 202, Fall 2002.
8. **Member** faculty recruiting committee, Fall 2002.
9. **Participant** Major's Fair 2002.
10. **Participant** Career Day 2002 to present.
11. **Teaching overload** Fall 2005 to Spring 2007.

Student

Faculty advisor for the MSU Veggie Club Fall 2004 to Spring 2010.

Other

Kauffman Scholar Program: Delivered a 2 hour lecture on Biometrics for incoming students, Summer 2007.

Ozark Science & Engineering Fair: Organized CIS 671 volunteers for community service 2006-2007.

International Student Orientation: Presentation on plagiarism 2006.

Provost's Research Forum: Presentation of neonatal research 2006.

C. Community Service

1. **President** of The Ozark Live Food Association 2002-2004.
2. **Webmaster** for the Beekeepers Association of the Ozarks 2004-2006.

Awards

1. MSU Faculty College Recognition Award for Excellence in Teaching, COBA, Missouri State University, 2005.
2. MSU Faculty College Recognition Award for Excellence in Research, COBA, Missouri State University, 2006.
3. CCNY Science Fellowship Award, The Graduate Center of the City University of New York (1997-1999).
4. Summer Faculty Fellowship 2011.

Press

Selected Articles Featuring Research in Major Media

1. "Even a chatbot can turn nasty," by Duncan Graham-Rowe *New Scientist* Print Edition, number 2521, p. 26 (2005).
2. "Crean un 'software' que detecta el grado de sufrimiento de los bebés," by Ángel Díaz in *El Mundo*, Madrid newspaper, the Ciencia Section, p. 34 October 24, (2006).
3. "Assessing pain in infants: New software could help medical staff know when newborn patients are in pain," by Duncan Graham-Rowe *Technology Review: An MIT enterprise* October, 18 (2006), http://www.technologyreview.com/read_article.aspx?id=17630&ch=biotech.
4. "Ja, was hat der Kleine denn?" by Katharina Kluin, *Zeitwissen* (Gesundheit), Print Edition, p. 60, January (2007).
5. "Computing: Nobody enjoys telephoning a call center. Could 'Chatbot' technology make the experience less painful?" *The Economist*, Technology Quarterly (print edition), Call and Response, p. 4-5, Mar 10 (2007).

Selected Interviews on Television/Radio Programs

1. Interviewed by **W Radio** (Diario El Pais, Canal Plus, CNN Spain, and XEW) for the talk show, *La hora del regreso*, regarding the Infant COPE project October 22 (2006).
2. Interviewed for **CBS Evening News**, Sanjay Gupta's special series on *Easing the pain: Helping infants suffering from pain*. Feb 21 (2008).

Organizations

AAAI
ACM
AIS
AITP
Cognitive Science Society
IEEE

Informing Science Institute
User Modeling
LifeBoat Foundation
SCIP (Soft Computing in Image Processing) Working Group
SLSA
SWPA
YLEM
Rhetoric
Rhizome

Websites

Research Websites

www.agentabuse.com
www.copedata.com
www.facingemotions.org
www.faceinterfaces.com

Teaching Websites

www.studentwebstuff.com (1998-2009) provided links to all my class web resources. I now use blackboard.