

Donna Karen Byron

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Education

- October, 2002 **Ph. D. in Computer Science**
University of Rochester, Rochester, NY
Thesis: Resolving Pronominal Reference to Abstract Entities
Advisor: James Allen
- May, 1998 **M.S. in Computer Science**
University of Rochester, Rochester, NY
- May, 1996 **M.S.C.S. in Computer Science and Engineering**
University of Texas at Dallas, Richardson, TX
- Dec, 1987 **M.B.A., Concentration in Information Systems**
University of Texas at Arlington, Arlington, TX
- May, 1986 **Honors program B.A. in French (with Academic Honors)**
University of Texas at Arlington, Arlington, TX

Experience

Academic Appointments

- Jan 2008 - Sept 2010 **Senior Research Scientist, Relational Agents Group**
Northeastern University, Boston, MA
Coordinated development of fielded conversational systems
- Mar 2003 - Jan 2008 **Adjunct Assistant Professor, Department of Linguistics**
The Ohio State University Columbus, OH
- Sep 2002 - Jan 2008 **Assistant Professor, Department of Computer Science and Engineering**
The Ohio State University Columbus, OH
Courses Taught: Artificial Intelligence 1 (CIS630)
Issues in Spoken Language Understanding (CIS78804L)
Computational Linguistics (CSE732)
Language in Context (CSE78804R)
- Aug 2001 - Feb 2002 **Visiting Lecturer, Computer Science Department**
Rochester Institute of Technology Rochester, NY
Courses Taught: Introductory programming sequence using Java (CS231, CS232)
- Jan 1997 - May 1998 **Graduate Teaching Assistant, Computer Science Department**
University of Rochester Rochester, NY
Courses Supported: Introduction to Computers (CS108)
Computer Architecture (CS252)
Mathematical Foundations of Artificial Intelligence (CS246)
- Jan - Dec 1987 **Graduate Teaching Assistant, Dept of Information Systems and Mgmt Science**
University of Texas at Arlington Arlington, TX
Courses Supported: Grader for undergraduate Systems Analysis courses

Other Professional Experience

- June 1998 - July 2002 **Graduate Research Assistant, University of Rochester Rochester, NY**
Developed natural language interpretation components in the TRIPS spoken dialog system. Implemented in LISP on a UNIX platform.
Supervised undergraduate RAs to build annotated language resources.
Wrote sections of grant applications and interim progress reports.
- May - Sept 2000 **Summer Research Intern, IBM TJ Watson Research Center Hawthorne, NY**
Built speech data mining software for business applications.
Implemented in JAVA and Tcl/Tk for the Windows platform.
Resulted in one patent pending and one publication (JCDL 2001)
- May - Dec 1998 **Summer Research Intern, Eastman Kodak Company Rochester, NY**
Designed and built software to learn customer preferences.
Implemented in C++ on a Windows platform.
- June - Oct 1997 **Summer Intern, Manning & Napier Info Services Rochester, NY**
Developed PERL modules for an information retrieval application.
- Jan 1988 - August 1996 **Senior Business Programmer/Analyst, Texas Instruments, Inc. Dallas, TX**
Built and maintained large software systems to support corporate Finance using COBOL, ALC, AION/ADS, JCL, Focus, C++, DLI, DB2, IEF and ABAP/R5 for the IBM/370 and UNIX platforms.
Created and taught software end-user and technical support training classes.
Team leader for an SEI level3 multi-year development project.

Research

Research Interests

- Building language understanding software components and language resources:
 - Computational treatment of referring expressions for spoken dialog interfaces
 - Interpretation and Generation of situated language in virtual or real environments
 - Evaluation of Natural Language Processing systems

Publications

- Reviewed Book Chapters
 - Koller, A., Striegnitz, K., Byron, D., Cassell, J., Dale, R., Moore, J., Oberlander, J. (in press) "The First Challenge on Generating Instructions in Virtual Environments". In *Empirical Methods in Natural Language Generation*. Springer-Verlag, E. Kraemer and M. Theune, eds. 328–352.
 - Byron, D., Brown-Schmidt, S. and Tanenhaus, M. (2008) "The Overlapping Distribution of Personal and Demonstrative Pronouns". In *Reference: Interdisciplinary Perspectives*. Oxford University Press, Nancy Hedberg and Jeanette Gundel, eds. 143–175.
 - Brown-Schmidt, S., Byron, D., and Tanenhaus, M. (2004). That's not it and it is not that: Reference resolution and conceptual composites. In *The on-line study of sentence comprehension, Eyetracking, ERP, and beyond*. ed. Manuel Carreiras and Chuck Clifton, Psychology Press. 209–228.
- Peer Reviewed Journal/Magazine Articles

- Allen, J., Ferguson, G., Blaylock, N., Byron, D., Chambers, N., Dzikovska, M., Galescu, L. and Swift, M. (2006). "Chester: Towards a Personal Medical Advisor", *Journal of Biomedical Informatics* special issue on Dialog Systems for Health Communication. 39(5) 500–513.
- Boyd, A., Gegg-Harrison, W. and Byron, D. (2005). "Identifying Non-Referential it: A Machine Learning Approach Incorporating Linguistically Motivated Patterns", *Traitement Automatique des Langues (TAL)*, Special issue on Anaphora Resolution, 46(1) 71–90.
- Byron, D., Gegg-Harrison, W. and Lee, S-H (2005). "Resolving zero anaphors and pronouns in Korean." *Traitement Automatique des Langues (TAL)*, Special issue on Anaphora Resolution, 46(1) 91–114.
- Brown-Schmidt, S., Byron, D., and Tanenhaus, M. (2005). "Beyond Salience: Conceptual Composites and Pronoun Resolution". *Journal of Memory and Language*:53(2) 292-313.
- Allen, J., Byron, D., Dzikovska, M., Ferguson, G., Galescu, L. and Stent, A. (2001) Towards Conversational Human-Computer Interaction. *AI Magazine*. 22(4) 27-38.
- Byron, D. (2001) The Uncommon Denominator. *Computational Linguistics: Special issue on anaphora and ellipsis resolution*. 27(4) 569-577.
- Allen, J., Byron, D., Dzikovska, M., Ferguson, G., Galescu, L. and Stent, A. (2001). An Architecture for a Generic Dialogue Shell. *Journal of Natural Language Engineering. Special issue on Best Practices in Spoken Language Dialogue Systems Engineering*. Vol 6, No. 3&4, September 2000. 213–228.

- Peer Reviewed Conference Papers

- Yin, L., Bickmore, T., Byron, D., and Cortes, D. (2010). "Cultural and Linguistic Adaptation of Relational Agents for Health Counseling". Workshop on Interactive Systems in Healthcare, Atlanta, GA Yin, L., Bickmore, T., Byron, D., and Cortes, D. (2010)
- Byron, D., Koller, A., Striegnitz, K., Cassell, J., Dale, R., Moore, J., and Oberlander, J., (2009). "Report on the First NLG Challenge on Generating Instructions in Virtual Environments (GIVE)". In the *Proceedings of the 12th European Workshop on Natural Language Generation (ENLG09)*, Athens, Greece, May 2009.
- Stoia, L., Shockley, D., Byron D. and Fosler-Lussier, E. (2008). "SCARE: A Situated Corpus with Annotated Referring Expressions". In the *Proceedings of the Sixth International Conference on Language Resources and Evaluation (LREC 2008)*. Marrakesh, May 2008.
- Byron, D., Koller, A., Oberlander, J., Stoia, L., Striegnitz, K. (2007). "Generating Instructions in Virtual Environments (GIVE): A Challenge and an Evaluation Testbed for NLG". In the *Proceedings of the Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation*, Arlington, Virginia, USA, April 2007.
- Byron, D., Lee, S-H and Metcalf, V. (2006). "Constraint-based Processing for Discourse Anaphor Resolution". In the *Proceedings of Workshop on Constraints in Discourse (CID2006)*. Maynooth, Ireland. July 2006. 43-50.
- Stoia, L., Shockley, D., Byron, D. and Fosler-Lussier, E. (2006). "Noun Phrase Generation for Situated Dialogs". In the *Proceedings of the 4th International Natural Language Generation Conference (INLG2006)*. Sydney, Australia. July 2006. 81–88.
- Stoia, L., Byron, D., Shockley, D. and Fosler-Lussier, E. (2006). "Sentence Planning for Realtime Navigational Instruction". In the *Proceedings of the Human Language Technology Conference/North American chapter of the Association for Computational Linguistics (HLT/NAACL 2006)*, Companion Volume: Short Papers. New York. June, 2006. 157–160.
- Byron, D. and Fosler-Lussier, E. (2006) "The OSU Quake 2004 corpus of two-party situated problem-solving dialogs". In the *Proceedings of the 5th international conference on Language Resources and Evaluation (LREC 2006)*, Genoa, Italy, May 2006.

- Gegg-Harrison, W. and Byron, D. (2006) “PYCOT: An Optimality Theory-based Pronoun Resolution Toolkit”. In the *Proceedings of the 5th international conference on Language Resources and Evaluation (LREC 2006)*, Genoa, Italy, May 2006.
- Lee, S.-H., Byron, D. and Jang, S. (2005). “Why is zero marking important in Korean?” In *Proceedings of The Second International Joint Conference on Natural Language Processing (IJCNLP-05)*. Springer Lecture Notes in Computer Science, vol. 3651. Jeju Island, Korea. 588–599.
- Byron, D., Mampilly, T., Sharma, V., Xu, T. (2005) “Utilizing Visual Attention for Cross-Modal Coreference Interpretation. In the *Proceedings of the 5th International and Interdisciplinary Conference on Modeling and Using Context (Context2005)*. July, 2005. 83–96.
- Boyd, A., Gegg-Harrison, W., and Byron, D. (2005). “Identifying non-referential it: A machine learning approach incorporating linguistically motivated patterns”. In *Proceedings of the ACL Workshop on Feature Engineering for Machine Learning in Natural Language Processing*. Ann Arbor, Michigan, June 2005. 40-47.
- Byron, D., Dalwani, A., Gerritsen, R., Keck, M., Mampilly, T., Sharma, V., Stoia, L., Weale, T., Xu, T. (2005). “Natural Noun Phrase Variation for Interactive Characters”. In the *Proceedings of the First Annual Artificial Intelligence for Interactive Digital Entertainment Conference (AIIDE-05)*. Marino del Rey, CA. June, 2005.
- Byron, D. and Stoia, L. “An analysis of Proximity Markers in Collaborative Dialog”. In the *Proceedings of the 41st annual meeting of the Chicago Linguistics Society, vol. 41-2*. Chicago, ILL. April, 2005. 17–31. Acceptance rate: 15%
- Lee, S.-H., Byron, D., and Gegg-Harrison, W. (2004) “Annotations for Zero Pronoun Resolution in Korean Using the Penn Korean Treebank.” In the *Proceedings of the Third Workshop on Treebanks and Linguistic Theories (TLT2004)*. Tuebingen, December 2004. 75–88.
- Stoia, L., Xu, T., Byron, D., Fosler-Lussier, E. (2005) “Populating semantic classes using large-scale corpora”. In *Proceedings of the Workshop MEANING-2005: Developing Multilingual Web-Scale Language Technologies*, Trento, Italy. March 2005. 19–24.
- Lee, S.-H. and Byron, D. (2004) “Semantic Resolution of Zero and Pronominal Anaphora in Korean”. In the *Proceedings of the 5th Discourse, Anaphora and Reference Resolution Colloquium (DAARC2004)*. Furnas, Portugal, Sept., 2004. 103–108.
- Byron D. and Gegg-Harrison, W. (2004) Eliminating Non-Referring Noun Phrases from Anaphora Processing. In the *Proceedings of the 5th Discourse, Anaphora and Reference Resolution Colloquium (DAARC2004)*. Furnas, Portugal, Sept., 2004. 21-26.
- Byron, D. and Gegg-Harrison, W. (2004) “Experience Using Optimality Theory for Pronoun Resolution”. In the *Proceedings of the 5th Discourse, Anaphora and Reference Resolution Colloquium (DAARC2004)*. Furnas, Portugal, Sept., 2004. 27-32.
- Byron, Donna K. (2003). Understanding Referring Expressions in Situated Language: Some Challenges for Real-World Agents. In the *Proceedings of the First International Workshop on Language Understanding and Agents for the Real World*. Hokkaido University, July 13, 2003. 39–47.
- Byron, Donna. (2002). Resolving Pronominal Reference to Abstract Entities. In the *Proceedings of the 2002 annual meeting of the Association for Computational Linguistics (ACL2002)*.
- Cooper, J., Viswanathan, M., Byron D. and Chan, M. (2001). Building Searchable Collections of Enterprise Speech Data. *Joint Conference on Digital Libraries (JCDL-2001)*.
- Wolters, M. and Byron, Donna K. (2000). Prosody and the Resolution of Pronominal Anaphora. Accepted as backup paper for the 18th International Conference on Computational Linguistics (COLING-2000).
- Dzikovska, M. and Byron, D. (2000). When is a union really an intersection? Problems resolving reference to locations in a dialogue system. *Proceedings of the Fourth workshop on the semantics and pragmatics of dialogue (GOTALOG-2000)*. Gothenburg, Sweden. 63–70.
- Byron, D. (1999). Improving Discourse Management in TRIPS-98. *Proceedings of the 6th European Conference on Speech Communication and Technology (Eurospeech-99)*. Budapest, Hungary.

- Byron, D. and Allen, J. (1999). Applying Genetic Algorithms to Pronoun Resolution. *Proceedings of the Sixteenth National Conference on Artificial Intelligence (AAAI-99)*. student paper - pg 957. Orlando, Florida.
- Byron, D. and Tetreault, J. (1999). A Flexible Architecture for Reference Resolution. Student paper in the *Proceedings of the Ninth Conference of the European Chapter of the Association for Computational Linguistics (EACL-99)*. 229-232. Bergen, Norway.
- Byron, D. and Stent, A. (1998). A Preliminary Model of Centering in Dialog. *Proceedings of the 36th Annual Meeting of the Association for Computational Linguistics (ACL'98) - student session*. Montreal, Canada.
- Heeman, P., Byron D., and Allen, J. (1998). Identifying Discourse Markers in Spoken Dialog. *AAAI 1998 Spring Symposium on Applying Machine Learning to Discourse Processing*. Stanford University. March, 1998.
- Byron, D. and Heeman, P. (1997). Discourse Marker Use in Task-Oriented Spoken Dialog. *Proceedings of the Fifth Biennial European Conference on Speech Communication Technology (Eurospeech '97)*. Rhodes, Greece.
- Editor Reviewed Conference Papers

Byron, Donna K. and Allen, James F. (2002). What's a Reference Resolution Module to do? Redefining the Role of Reference in Language Understanding Systems?. In the *Proceedings of the 4th Discourse Anaphora and Anaphor Resolution Colloquium (DAARC2002)*. September, 2002. Lisbon, Portugal. 25-30.

Byron, Donna K. (2000). Semantically Enhanced Pronouns. In the *Proceedings of DAARC2000: Third International Conference on Discourse Anaphora and Anaphor Resolution, Lancaster University, UK*. 163-172.

Byron, D. and Allen, J. (1998) Resolving Demonstrative Anaphora in the TRAINS93 Corpus. In *Proceedings of DAARRC2 - Discourse, Anaphora and Reference Resolution Colloquium*. Lancaster University, UK. August, 1998. 68-81.
 - Bulletins and Technical Reports

Byron, Donna K. (2005) "The OSU Quake 2004 corpus of two-party situated problem-solving dialogs". Technical Report #OSU-CISRC-805-TR57, The Ohio State University Computer Science and Engineering Department, September, 2005.

Weale, T., Mellen, B. and Byron, D. (2006) "Modifying the Quake II Engine for Civilian use". Technical Report #OSUCISRC-1105-TR74, The Ohio State University Computer Science and Engineering Department, in preparation.

Byron, Donna K. (2004) Resolving Pronominal Reference to Abstract Entities - Ph. D. Dissertation. University of Rochester Computer Science Department Technical Report #815, January, 2004.

Byron, D. (2003). Annotation of Pronouns and their Antecedents: A comparison of two domains. University of Rochester Computer Science Department Technical Report #703. July, 2003.

Ferguson, G., Allen, J., Blaylock, N., Byron, D., Chambers, N., Dzikovska, M., Galescu, L., Shen, X., Swier, R., Swift, M. (2002) The Medication Advisor Project: Preliminary Report, University of Rochester Computer Science Department Technical Report #776, May 2002.

Byron, Donna K. (1999). Resolving Pronominal Reference to Abstract Entities: Thesis Project Proposal. University of Rochester Computer Science Technical Report #714, June 1999.

Byron, D. and Stent, A. (1998). A Preliminary Model of Centering in Dialog. University of Rochester Computer Science Technical Report #687, August, 1998.

Byron, Donna K. and Heeman, Peter A. (1998) Discourse Marker Use in Task-Oriented Spoken Dialog. University of Rochester Computer Science Technical Report #664, March 1998.
 - Unpublished Scholarly Presentations: Peer reviewed Posters

- Byron, D., Shockley, D., Brown-Schmidt, S., Ito, K., Speer, S. (2008). "Effects of Non-linear Discourse Structure on Interpreting Ambiguous Noun Phrases." Poster presentation at the 21st annual Conference on Human Sentence Processing (CUNY 2008), March 13-15, 2008.
- Katz, M., David, P., German, T., Byron, D., and Paskett, E. (2004). Does Goal Setting And Having A Coach Help Increase Physical Activity? 28th Annual Meeting of the American Society of Preventive Oncology March 14-16, 2004
- Byron, Donna K. and Brown-Schmidt, Sarah. (2003). Subdialogs and Attentional State. Poster presentation at the Seventh workshop on the semantics and pragmatics of Dialogue (DiaBruck). Sept, 2003.
- Brown-Schmidt, Sarah, Byron, Donna K. and Tanenhaus, Michael K. (2003). "It" is not "That" but "IT" is: Effects of pragmatic and prosodic factors on "it" and "that". The 16th annual CUNY Conference on Human Sentence Processing (CUNY 2003), March 27-29, 2003.
- Brown-Schmidt, S., Byron, D., and Tanenhaus, M. (2002) "That's not it and it is not that: Reference resolution and conceptual composites". Architectures and Mechanisms for Language Processing (AMLAP 2002), September 19-21, 2002.

Downloadable publications are available from <http://www.ccs.neu.edu/home/dbyron/pubs.html>

Invited Talks

- May 13, 2008. "Investigating demonstrative pronouns for spoken dialog systems". Harvard University Linguistics, Cambridge, Massachusetts.
- October 11, 2007. "Investigating demonstrative pronouns for spoken dialog systems". Northeastern University, Boston, Massachusetts.
- May 1, 2007. "Processing ambiguous noun phrases for situated dialog agents", State University of New York Stony Brook Computer Science Department, Stony Brook, New York.
- February 18, 2006. "Context Management for Embodied Dialog Agents", Institute for Human and Machine Cognition, Pensacola, Florida.
- September 7, 2005. "Context Management for Embodied Dialog Agents", Articulab, Northwestern University.
- September 8, 2005. "Context Management for Embodied Dialog Agents", Motorola Center for Human Interaction Research, Chicago.
- June 7, 2005. "Asynchronous Context Management for Embodied Agents", Institute for Creative Technology, University of Southern California.
- November 5, 2004. "Givenness and Multimodal Context". University of Minnesota Linguistics Colloquium, St. Paul, Minn.
- November 8, 2004. "Building Reference Software 101". University of Minnesota/Mayo Clinic Medical Language Study Group. St. Paul, Minn.
- November 17, 2003. "Intelligent Conversational Devices". Ohio State Institute for Ergonomics
- February 14, 2003. "Utilizing Conceptual Information in Pronoun Resolution" at the 9th annual Vancouver Studies in Cognitive Science Conference on Discourse Processing: Reference.
- February 25, 2003. "Utilizing Conceptual Information in Pronoun Resolution" Guest lecture in SPAN839: Approaches to Discourse Anaphora at Ohio state.

- October, 2002. “Extending Automated Pronoun Resolution”, Ohio State Linguistics department speaker series
- January, 2002. “Pronoun Resolution of Abstract Entities” Rochester Institute of Technology CS Dept Colloquium series.

Grants Received

- Donna K. Byron. “Collaborative Research: Establishing and Breaking Conceptual Pacts with Dialog Partners”. National Science Foundation. \$267,125. Collaborative project with Joy Hanna in Oberlin College Department of Psychology.
- Shari Speer, Donna K. Byron and Kiwako Ito. “Intonation in Spontaneous English and Japanese Dialog”. National Institute on Deafness and Other Communication Disorders. July 1, 2006 - June 30, 2011. \$1,115,000.
- Craige Roberts, Donna K. Byron and Scott Schwenter. “Presupposition Accomodation conference”. Arts and Humanities Grants for Innovation - Ohio State University. June 1, 2005 - Dec 31, 2006. Amount: \$43,246.
- Craige Roberts and Donna K. Byron. “Presupposition Accommodation Conference and Intensive Course” - National Science Foundation. Amount: \$26,371

Teaching Interests

General Computer Science or Information Systems courses, Artificial Intelligence, logical or statistical Natural Language Processing, graduate seminars on specialized topics

Student Supervision and Training

Post-Doctoral Research Supervision

Host for visiting researcher Sun Hee Lee, Korea Research Foundation Post-Doc Fellow, Jan 2004 - July 2005. Project name: Analyzing Zero Anaphora and Pronouns in Korean.

Primary Advisor for Doctoral Students

Tianfang Xu, OSU Computer Science, March 2003 - present. Passed candidacy November, 2006. Currently working at Microsoft Research.

Laura Stoia, OSU Computer Science, graduated Dec 2007. Dissertation Title: Noun phrase generation for situated dialogues. Currently working at Google.

Member of Doctoral Exam Committee

Nicoletta Roman, OSU Computer Science, March 2003

MingYang Wu, OSU Computer Science, Successful defense August, 2003

Nathan Vaillette, OSU Linguistics, Successful defense October, 2003

Member of Candidacy Exam Committee

Vanessa Metcalf, OSU Linguistics

Stacey Bailey, OSU Linguistics

Marcus Dickinson, OSU Linguistics

Xiaofe Lu, OSU Linguistics
Jeremy Morris, OSU Computer Science

Member of Honors Thesis Exam Committee

Ross Metusalem, OSU Linguistics, May, 2007
Anatala Wolfe, OSU Computer Science, June, 2006

Mentoring and Outreach Activities

Undergraduate Research advisor for Whitney Gegg-Harrison (OSU CSE/Linguistics), David Menninger (OSU CIS), Joe Frazee (OSU Linguistics), Nick Dimiduk (OSU CSE)

Outreach: presented a half-day seminar on Computational Linguistics for Freshman Honors students in the Yeager Scholars program from Marshall University (West Virginia). Presented at OSU during their Fall semester: Sept 9, 2004 and Sept 18, 2005.

Presented a poster at the Ohio Celebration of Women in Computing which highlighted Computational Linguistics Research at OSU, April 23, 2005

Invited talk at the Ohio State University Lima campus Women in Science and Engineering, May 5, 2005

Staffed OSU Engineering Information booth at the State Science Day, May 2006

Service Activities

Professional Service

- Service as organizer of conferences, meetings, etc.
 - Co-Program Chair of the 10th Annual Meeting of the Special Interest Group on Discourse and Dialogue (SIGDial 2009)
 - Local Arrangements committee member for the 46th Annual Meeting of the Association for Computational Linguistics (ACL 2008), Columbus, Ohio.
 - Co-organizer for the GIVE Challenge 2008: Generating Instructions in Virtual Environments (a shared task with workshop meeting at EACL 2009)
 - Co-general chair of the Workshop on Presupposition Accommodation. October, 2006. Columbus, Ohio.
 - Co-Demo chair of the Human Language Technology/Empirical Methods in Natural Language Processing conference. October, 2005. Vancouver, BC.
 - Co-Chair of *Discourse Annotation*, a workshop at the 42nd annual meeting of the Association for Computational Linguistics. July, 2004 Barcelona, Spain.
 - Co-chair of the Student Research Workshop at the North American Chapter of the Association for Computational Linguistics (NAACL-2000), May 2000. Seattle, Washington.
- Service as program committee member of conferences, meetings, etc.
 - Program Committee member for the 11th Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2010), June, 2010, Athens, Greece.
 - Program Committee member for the 47th Conference of the Association for Computational Linguistics (ACL 2009), August, 2009, Singapore.
 - Program Committee member for the 11th Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2010), June, 2010, Athens, Greece.

- Program Committee member for the 12th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2009), March, 2009, Athens, Greece.
- Program Committee member for the Conference on Empirical Methods in Natural Language Processing (EMNLP 2008), October 2008, Honolulu, Hawaii.
- Program Committee member for the Conference on Empirical Methods in Natural Language Processing (EMNLP 2008), October 2008, Honolulu, Hawaii.
- Senior Program Committee member for the North American Chapter of the ACL, Human Language Technologies conference (NAACL/HLT 2007), April 2007, Rochester, New York.
- Program Committee member for the Conference on Empirical Methods in Natural Language Processing (EMNLP 2008), October 2008, Honolulu, Hawaii.
- Senior Program Committee member for the North American Chapter of the ACL, Human Language Technologies conference (NAACL/HLT 2007), April 2007, Rochester, New York.
- Sixth Discourse Anaphor and Anaphora Resolution Colloquium (DAARC 2007), March 2007, Lagos, Portugal.
- Human Language Technology conference (HLT'06), July 2006, New York City.
- 11th meeting of the European Association for Computational Linguistics (EACL '06), April, 2006, Trento, Italy.
- Computational Linguistics, Association for Computational Linguistics combined meeting (COLING/ACL 2006), July 2006, Sydney, Australia
- Second Midwest Computational Linguistics Colloquium (MCLC'05), May, 2005, Columbus, Ohio.
- Human Language Technology Conference and Conference on Empirical Methods in Natural Language Processing (HLT/EMNLP'05) , October, 2005, Vancouver, Canada
- 2005 IEEE Automatic Speech Recognition and Understanding Workshop (ASRU'05), November, 2005, San Juan, Puerto Rico.
- Program Committee. 43rd annual meeting of the Association for Computational Linguistics. June, 2005. Ann Arbor, Michigan.
- Program Committee of Discourse Anaphora and Anaphor Resolution Colloquium. (DAARC 2004)
- Program Committee. Workshop on Reference Resolution and its Applications. 42nd annual meeting of the Association for Computational Linguistics. July, 2004 Barcelona, Spain.
- Program Committee. 42nd annual meeting of the Association for Computational Linguistics. July, 2004 Barcelona, Spain.
- Program Committee for IEEE Automatic Speech Recognition and Understanding Workshop (ASRU 2003). December, 2003. US Virgin Islands.
- Program Committee for the 2003 International Symposium on Reference Resolution and its Application to Question Answering and Summarization. Venice, Italy. July, 2003.
- Program Committee for 4th SIGdial Workshop on Discourse and Dialogue (SIGDIAL-2003)
- Program Committee for the 2003 Association for Computational Linguistics annual conference (ACL2003)
- Program Committee for the 2002 International Symposium on Reference Resolution for Natural Language Processing
- Program Committee for the North American Chapter of the Association for Computational Linguistics (NAACL-2001) Student Research Workshop
- Reviewer for Books and Journals
 - Reviewer for the Journal Computational Linguistics (2010)
 - Reviewer for the journal Language Resources (2010)

- Reviewer for the Journal of Pragmatics (2006, 2008)
- Reviewer for the journal Computational Intelligence (2006)
- Reviewer for the journal Language and Cognitive Processes (2003)
- Reviewer for the journal Language and Speech (2003)
- Reviewer for the volume *Anaphora Processing: Linguistic, Cognitive and Computational Modelling*, ed. Antonio Branco (2005)
- Reviewer for the Journal of Artificial Intelligence Research (2001, 2002)
- Other Professional Service
 - Panelist for ACL03 Student Research Workshop
 - Proposal reviewer for the National Science Foundation Directorate of Computer and Information Science and Directorate for Social, Behavioral, and Economic Sciences.

Departmental Service

- Departmental Committees
 - 2005/2006 School Year:
 - * Member of OSU CSE Dept Graduate Admissions committee
 - 2004/2005 School Year:
 - * Member of OSU CSE Dept Graduate Studies committee
 - * Member of OSU CSE Dept Graduate Admissions committee
 - 2003/2004 School Year:
 - * Member of OSU CIS Dept Faculty Search committee
 - * Member of OSU CIS Dept Graduate Admissions committee
 - 2002/2003 School Year:
 - * Member of OSU CIS Faculty Search committee
 - * OSU CIS Department Co-Secretary 2002-2003
 - 1997/1998 School Year:
 - * URCS graduate admissions committee
- Other
 - Presentation on Academic Job Search for graduate students 12/3/03, 11/15/05

Community Service

- 2009 - present Cooking Class instructor for Operation Frontline, Massachusetts
- Dec 2003 - Mar 2004 Middle School Science and Math Tutor, Columbus Urban League
- 2003 - 2004 Volunteer at WOSU - Columbus's Public Broadcasting Station
- 1998 - 2002 Volunteer and Coordinator at WXXI - Rochester's Public Broadcasting Station

Professional Affiliations

- Member of the Association for Computational Linguistics
- Past Member of the International Speech Communication Association
- Member of the American Association for Artificial Intelligence
- Member of the Association for Computing Machinery

Patents

Issued January, 2007 Patent #7,171,365 A method of tracking time with portable voice recorders and speech recognition.

Honors and Awards

Member of Phi Sigma Iota and Beta Gamma Sigma honor societies

Personal Data

- Citizenship: US
- Languages spoken: English (native), French (competent)