Gina-Anne Levow

Linguistics Department
University of Washington
Box 352425
Guggenheim 418D
Seattle, WA 98185 USA

+1-206-616-5728 [Voice]
+1-206-685-7978 [Fax]

levow at uw dot edu
http://faculty.washington.edu/levow

EDUCATION

1993-1998 Massachusetts Institute of Technology **Ph.D. in Computer Science**
Dissertation: *Characterizing and Recognizing Spoken Corrections in Human-Computer Dialog*
Committee: Robert C. Berwick (Chair), Paula Viola, Justine Cassell.

1990-1993 Massachusetts Institute of Technology **S.M. in Computer Science**
Master's Thesis: *A Discourse-Neutral Prosodic Phrasing System for Mandarin Chinese*

1989-1990 Mandarin Training Center, National Taiwan Normal University

1985-1989 University of Pennsylvania **Bachelor of Applied Science, Computer Science,**

1985-1989 University of Pennsylvania **Bachelor of Arts, Oriental Studies**

1986   Middlebury College Chinese School

RELEVANT EMPLOYMENT and ACADEMIC APPOINTMENTS

2010 -
Department of Linguistics, University of Washington
Assistant Professor

2008-2010
Department of Computer Science, University of Chicago
Research Associate (Assistant Professor)

2008-2010
Department of Computer Science, University of Manchester
Research Fellow, National Centre for Text Mining

2001-2008
Department of Computer Science, University of Chicago
Assistant Professor

1998-2001
Institute for Advanced Computer Studies, University of Maryland, College Park, MD
Research Associate, Computational Linguistics and Information Processing Laboratory (CLIP)

Jan - Mar 2001
Chinese University of Hong Kong, New Territories, HK
Visiting Scholar, Human-Computer Communication Laboratory.

Summer 2000	**Center for Language and Speech Processing, Johns Hopkins University** Senior Team Member, Mandarin-English Information (MEI) Summer Workshop Team
Summer 1995, 1996	**Oregon Graduate Institute for Science and Technology**, Portland, OR NSF Summer Intern, Center for Human-Computer Communication
5/1995-12/1996	**Kurzweil Applied Intelligence**, Waltham, MA NIST Group Summer Intern, Consultant
Summer 1994, 1995	**Sun Microsystems Laboratories, Inc.**, Chelmsford, MA Speech Group Summer Intern, Contractor
Summer 1991, 1992	**Navy Center for Applied Research in Artificial Intelligence** Naval Research Laboratory, Washington, D.C. ONR Graduate Intern

---

GRANTS

Distinctive Features for Computational Acoustic Characterization of Dysarthric Speech". Hong Kong SAR Research Grants Council General Research Fund. PI: Helen Meng.

PI: (2013-2014)	"EAGER: ATAROS: Automatic Tagging and Recognition of Stance." National Science Foundation. IIS-1351034, Robust Intelligence, $249,975. Co-PIs: Mari Ostendorf, Richard Wright.
Co-PI: (2013-2016)	"The Use of Phonologically-Motivated Hong Kong SAR Research Grants Council General Research Fund. PI: Helen Meng.
PI: (2008-2010)	"Dyadic Rapport within and across Cultures\ : Multimodal Assessment of Human-Human and Human-Computer Interaction", National Science Foundation, BCS-0729515, Human and Social Dynamics Program, Dynamics of Human Behavior, Jan 2008-Dec 2012, $415,643 David McNeill \ (PI: 2010-2011, UChicago, Psychology)
PI: (2007-2008)	"Multimodal D\ iscourse Investigation with SIDGrid", University of Chicago Academic Technology Innovation Program, $40,000.
PI: (2004-2009)	"Learning Tone", National Science Found\ ation, IIS-0414919, Human Language and Communication (HLC), $319,500.
PI: (2008-2010)	"Dyadic Rapport within and across Cultures: Multimodal Assessment of Human-Human and Human-Computer Interaction", National Science Foundation, BCS-0729515, Human and Social Dynamics Program, Dynamics of Human Behavior, Jan 2008-Dec 2012, $415,643 David McNeill (PI: 2010-2011, UChicago, Psychology)
PI: (2007-2008)	"Multimodal Discourse Investigation with SIDGrid", University of Chicago Academic Technology Innovation Program, $40,000.
PI: (2004-2009)	"Learning Tone", National Science Foundation, IIS-0414919, Human Language and Communication (HLC), $319,500.
Consultant: (2003-2005)	"Linking User Error to Lab and Field Study of Healthcare IT" funded by AHRQ via NIH funding mechanism R18, grant ID HS11816, Principal Investigator, Richard I. Cook.

MEMBERSHIP in PROFESSIONAL SOCIETIES

- Member of IEEE Signal Processing Society, current
- Member of International Speech Communication Association (ISCA) 1999-current
- Member of Association for Computational Linguistics, 1998-current

HONORS

1990-1994 Office of Naval Research Graduate Fellowship

1992 Inducted **Sigma Xi scientific research society**

1989-1990 Rotary Foundation Graduate Fellowship for International Understanding, Taipei, Taiwan, R.O.C.

1989 **Applied Science Award**

1988 **Phi Beta Kappa**, Penna Delta Chapter

1988 **Stuart Eichert, Jr. Memorial Prize**, awarded each year to students at the end of their junior year in the Moore School who best demonstrate initiative, intellectual attainment, and commitment to the professional practice of engineering.

1987 **Dean's Scholar**, presented annually to Arts and Sciences students who exhibit exceptional academic performance and intellectual promise.

PROFESSIONAL SERVICE

PROFESSIONAL SOCIETY OFFICE

- **2012- Member of Board**, Seattle Chapter of Applied Voice Input/Output Society (AVIOS).

- **2006- Secretary/Webmaster ACL SIGHAN**, Special Interest Group on Chinese Language Processing.

ACADEMIC SERVICE: CONFERENCE AND WORKSHOP ORGANIZATION

- **[2012]** Co-chair: Northwest Natural Language Processing Workshop 2012

- **[2011]** Co-chair: Special Session on Crowdsourcing for Speech Processing: Interspeech 2011

- **[2011]** Co-organizer: Special Session on Crowdsourcing for Speech Processing: Interspeech 2011

- **[2009]** Area Chair: Dialog: Systems and Applications: NAACL HLT 2009

- **[2007]** Workshops/Tutorials Co-chair: HLT-NAACL 2007

- **[2006]** Bakeoff Co-ordinator: Third SIGHAN Chinese Language Processing Bakeoff, 2006. Evaluation of Chinese Word Segmentation and Named Entity Recognition.

- **[2005]** Workshop Co-chair: Fourth SIGHAN Workshop on Chinese Language Processing, 2005.

- **[2004]** Publications Co-chair: HLT-NAACL 2004

- **ACADEMIC SERVICE: CONFERENCE AND WORKSHOP REVIEWING**:

  - **2013** Reviewer for EMNLP 2013

  - **2013** Reviewer for IJNCLP 2013

  - **2013** Program Committee, SIGHAN-7

  - **2013** Program Committee, PACLIC 2013

  - **2013** Reviewer for Demonstrations, NAACL 2013

- **2012** Program Committee, TextGraphs 2012

- **2012** Program Committee, PACLIC 2012

- **2012** Reviewer for ACL 2012

- **2012** Reviewer for LREC 2012

- **2011** Reviewer for ACL 2011

- **2011** Reviewer for IJCNLP 2011

- **2010** Reviewer for ACL 2010

- **2010** Reviewer for EMNLP 2010

- **2010** Reviewer for COLING 2010

- **2009** Program Committee, PACLIC 2009

- **2009** Program Committee, NEWS 2009

- **2009** Program Committee, SIGIR 2009 Workshop on "Information Access in a Multilingual World"

- **2009** Program Committee, Workshop on Semi-Supervised Learning for Natural Language Processing at NAACL HLT 2009

- **2009** Reviewer for EMNLP 2009

- **2008** Program Committee, NEWS 2008

- **2008** Program Committee, AIRS 2008

- **2008** Program Committee, SIGHAN 2008

- **2008** Reviewer for Speech Prosody 2008

- **2007** Program Committee, SIGIR 2007

- **2007** Reviewer for ACL 2007

- **2007** Reviewer for NAACL 2007

- **2006** Program Committee, AIRS 2006

- **2006** Program Committee, SIGHAN 2006

- **2006** Program Committee, Midwest Computational Linguistics Colloquium 2006

- **2006** Program Committee, International Conference on Computer Processing of Oriental Languages (ICCPOL) 2006

- **2006** Reviewer for NAACL 2006

- **2006** Reviewer for EACL 2006

- **2005** Program Committee, Automatic Speech Recognition and Understanding (ASRU) 2005

- **2005** Reviewer for ACL 2005

- **2004** Program Committee, AIRS 2004

- **2004** Program Committee, Empirical Methods in Natural Language Processing (EMNLP) 2004

- **2004** Reviewer for COLING 2004

- **2004** Reviewer for IJCNLP 2004

- **2004** Reviewer for Grace Hopper Celebration of Women in Computing

- **2003** Program Committee, SIGIR 2003

- **2003** Program Committee, Empirical Methods in Natural Language Processing (EMNLP) 2003

- **2003** Reviewer for NAACL 2003

- **2002** Program Committee, Association for Computational Linguistics 2002 Workshop on Effective Tools and Methodologies for Teaching NLP and CL

- **2002** Reviewer for Grace Hopper Celebration of Women in Computing

- **2002** Reviewer for SIGIR 2002

- **2001** Scientific Committee, ISCA Workshop on Prosody in Automatic Speech Recognition

- **2000** Reviewer for NAACL 2000

- **2000** Reviewer for EACL 2000

ACADEMIC SERVICE: EDITORIAL SERVICE:

- **2007-2009** Associate Editor: *ACM Transactions on Asian Language Information Processing (TALIP)*

- **2003-2005** Member of Editorial Board: *Computational Linguistics*

ACADEMIC SERVICE: JOURNAL REVIEWING

- **2013** Reviewer for *Phonology*

- **2013** Reviewer for *Speech Communication*

- **2013** Reviewer for *AI Communications*

- **2013** Reviewer for *Computational Linguistics*

- **2012** Reviewer for *Speech Communication*

- **2012** Reviewer for *Computational Linguistics*

- **2011** Reviewer for *Speech Communication*

- **2011** Reviewer for *Journal of Phonetics*

- **2010** Reviewer for *Anthrozoos*

- **2010** Reviewer for *The Linguistic Review*

- **2009** Reviewer for *IEEE Journal of Selected Topics in Signal Processing*

- **2009** Reviewer for *Speech Communication*

- **2009** Reviewer for *Computational Linguistics*

- **2006** Reviewer for *ACM Transactions in Asian Language Information Processing (TALIP)*

- **2008** Reviewer for *Speech Communication*

- **2008** Reviewer for *Transactions on Audio, Speech and Language Processing*

- **2008** Reviewer for *Language and Speech*

- **2008** Reviewer for *Journal of the Acoustic Society of America*

- **2008** Reviewer for *Journal of Artificial Intelligence Research*

- **2007** Reviewer for *ACM Transactions in Asian Language Information Processing (TALIP)*

- **2007** Reviewer for *Transactions on Audio, Speech and Language Processing*

- **2007** Reviewer for *Speech Communication*

- **2007** Reviewer for *Computer Speech and Language*

- **2006** Reviewer for *ACM Transactions in Asian Language Information Processing (TALIP)*

- **2006** Reviewer for *Speech Communication*

- **2006** Reviewer for *Computational Linguistics*

- **2005** Reviewer for *Speech Communication*

- **2005** Reviewer for *Computational Linguistics*

- **2004** Reviewer for *Speech Communication*

- **2003** Reviewer for *Human Computer Interaction*

- **2003** Reviewer for *Computational Linguistics*

- **2003** Reviewer for *ACM Transactions on Computer-Human Interaction (TOCHI)*

- **2001** Reviewer for *Computational Linguistics*

- **1999** Reviewer for *ACM Computing Surveys*

- Reviewer for *Information Processing and Management*

ACADEMIC SERVICE: FUNDING AGENCY REVIEWING

- **2013** Ad-hoc Reviewer for National Science Foundation

- **2007** Review Panelist for National Science Foundation

- **2005** Review Panelist for National Science Foundation

- **2003** Review Panelist for National Science Foundation

SERVICE at UW

- **[2013]** Member, Graduate Excellence Award Committee

- **[2010-2013]** Co/Organizer, CLMS Graduation Planning meetings

- **[2010-2012]** Admissions Committee, CLMA/CLMS

- **[2011-2012]** Co-Organizer, UW/MS Symposium

- **[2010]** Reviewer, Royalty Research Fund

REFEREED PRESENTATIONS

- **2012** "Employing Boosting to Compare Cues to Verbal Feedback in Multi-lingual Dialog", Poster at SLT-2012, with Siwei Wang, Miami, FL. December 2012.

- **2012** "Contrasting Cues to Verbal and Non-Verbal Backchannels in Multi-lingual Dyadic Rapport", at Interspeech 2012, with Susan D. Duncan, Portland, OR. September 2012.

- **2012** "ARIES: A corpus for the acoustic analysis of stance", at the 2012 Northwest Linguistics Conference , with Valerie Freeman and Richard Wright, Seattle, WA. April 2012.

- **2011** "Getting Flexible: Developing a Corpus of Iraqi Arabic to Study Multimodal Communication", at Lancaster Workshop on Arabic Corpus Linguistics 2011, with Kamala Russell, Atoor Lawandow, Amy Dix, Edward King, Frederica Lipmann, Daniel Parvaz, and Dan Loehr, Lancaster, UK. April 2011.

- **2011** "Modeling Broad Context for Tone Recognition with Conditional Random Fields", Poster at Interspeech 2011, with Siwei Wang, Florence, Italy. August 2011.

- **2011** "Contrasting Multi-Lingual Prosodic Cues to Predict Verbal Feedback for Rapport", Poster at ACL-2011, with Siwei Wang, Portland, OR. June 2011

- **2010** "Collection of User Judgments on Spoken Dialog System with Crowdsourcing", Poster at SLT-2010, with Zhaojun Yang, Baichuan Li, Yi Zhu, Irwin King, and Helen Meng, Berkeley, CA. December 2010.

- **2010** "Predicting User Evaluations of Spoken Dialog Systems Using Semi-supervised Learning", Poster at SLT-2010, with Baichuan Li, Zhaojun Yang, Yi Zhu, Helen Meng, and Irwin King, Berkeley, CA. December 2010.

- **2010** "Using Finite State Machines for Evaluating Spoken Dialog Systems", Poster at SLT-2010, with Yi Zhu, Zhaojun Yang, Baichuan Li, Helen Meng, and Irwin King, Berkeley, CA. December 2010.

- **2010** "Collaborative Filtering Model for User Satisfaction Prediction in Spoken Dialog System Evaluation", Poster at SLT-2010, with Zhaojun Yang, Yi Zhu, Baichuan Li, Irwin King, and Helen Meng, Berkeley, CA. December 2010

- **2010** "Multi-modal Analysis of Interactional Rapport in Three Language/Cultural Groups", Poster at Neural Information Processing Symposium Workshop on Human Communication Dynamics 2010, with Susan D. Duncan, Tizzian Baldenebro, and Atoor Lawandow, Vancouver, B.C., Canada. December 2010.

- **2010** "Cross-cultural Investigation of Prosody in Verbal Feedback in Interactional Rapport", Poster at Interspeech 2010, with Susan D. Duncan and Edward King, Makuhari, Japan. September 2010.

- **2009** "Assessing Context and Learning for isiZulu Tone Recognition", at Interspeech 2009, Brighton, UK. September 2009.

- **2009** "Investigating Pitch Accent Recognition in Non-native Speech", at ACL-IJCNLP-2009, Singapore. August 2009.

- **2008** "Mandarin Chinese Tone Nucleus Detection with Landmarks", Poster at Interspeech 2008, with Siwei Wang, Brisbane, Australia. September 2008.

- **2008** "Studying Discourse and Dialogue with SIDGrid", at ACL08:HLT Third Workshop on Issues in Teaching Computational Linguistics (TeachCL-08), Columbus, OH. June 2008.

- **2008** "Can Voice Quality Improve Mandarin Tone Recognition?", at ICASSP-2008, with Dinoj Surendran, Las Vegas, NV. April 2008.

- **2008** "Automatic Prosodic Labeling with Conditional Random Fields and Rich Acoustic Features", at IJCNLP-2008, Hyderabad, India. January 2008.

- **2007** "Social Informatics Data Grid", at 3rd International eSocial Science Conference, with Bennett Bertenthal, Robert Grossman, David Hanley, Mark Hereld, Sarah Kenny, Michael E. Papka, Steve Porges, Kavithaa Rajavenkateshwaran, Rick Stevens, Thomas Uram, and Wenjun Wu.

- **2007** "Integrating Cyberinfrastructure into Existing eSocial Science Research", at 3rd International eSocial Science Conference, with Svenja Adolphs, Bennett Bertenthal, Steve Boker, Ronald Carter, Chris Greenhalgh, Mark Hereld, Sarah Kenny, Michael E. Papka, and Tony Pridmore.

- **2007** "SIDGRID: A Framework for Distributed, Integrated Multimodal Annotation, Archiving, and Analysis", Demonstration at 7th SIGDial Workshop on Discourse and Dialogue, with Bennett Bertenthal, Mark Hereld, Sarah Kenny, David McNeill, Michael Papka, and Sonjia Waxmonsky, Antwerp, Belgium. August 2007.

- **2007** "Topic Segmentation with Hybrid Document Indexing", Poster at EMNLP-2007, with Irina Matveeva, Prague, Czech Republic. June 2007.

- **2007** "Hybrid Document Indexing with Spectral Embedding", Poster at HLT-NAACL 2007, with Irina Matveeva, Rochester, NY. April 2007.

- **2006** "Dialog Act Tagging with Support Vector Machines and Hidden Markov Models", Poster at Interspeech 2006, with Dinoj Surendran, Pittsburgh, PA. September 2006.

- **2006** "Improving Tone Recognition with Combined Frequency and AmplitudeModelling", Poster at Interspeech 2006, with Siwei Wang, Pittsburgh, PA. September 2006.

- **2006** "Unsupervised and Semi-supervised Learning of Tone and Pitch Accent ", at HLT-NAACL 2006, New York, NY. June 2006.

- **2006** "Graph-based Generalized Latent Semantic Analysis for Document Representation", at TextGraphs: the Second Workshop on Graph Based Methods for Natural Language Processing at HLT/NAACL 2006, with Irina Matveeva, New York, NY. June 2006.

- **2005** "Context in Multi-lingual Tone and Pitch Accent Prediction", at Interspeech 2005, Lisbon, Portugal. September 2006.

- **2005** "Tone Recognition in Mandarin using Focus", Poster at Interspeech 2005, with Dinoj Surendran, Lisbon, Portugal. September 2006.

- **2005** "Generalized Latent Semantic Analysis for Term Representation", at RANLP 2005, with Irina Matveeva, Borovets, Bulgaria. September 2005.

- **2005** "Turn-taking in Mandarin Dialogue: Interactions of Tone and Intonation", at the Fourth SIGHAN Chinese Language Processing Workshop, Jeju, Korea. October 2005.

- **2004** "Identifying Local Corrections in Human-Computer Dialogue", at International Conference on Spoken Language Processing 2004, Jeju, Korea. October 2004.

- **2004** "Prosody-based Topic Segmentation for Mandarin Broadcast News", Poster at HLT-NAACL 2004, Boston, MA. May 2004.

- **2004** "Assessing Prosodic and Text Features for Segmentation of Mandarin Broadcast News", Poster at HLT-NAACL 2004 Workshop: Interdisciplinary Approaches to Speech Indexing and Retrieval, Boston, MA. May 2004.

- **2004** "Prosodic Cues to Discourse Segment Boundaries in Human-Computer Dialogue", Poster at the 5th SIGdial Workshop on Discourse and Dialogue, Boston, MA. May 2004.

- **2004** "The Functional Load of Tone in Mandarin is as High as That of Vowels", Poster at Speech Prosody 2004, with Dinoj Surendran, Nara, Japan. 2004.

- **2004** "Combining Prosodic and Text Features for Segmentation of Mandarin Broadcast News", at the 3rd SIGHAN Workshop on Chinese Language Processing, Barcelona, Spain. July 2004.

- **2004** "University of Chicago at CLEF2004: Cross-language Text and Spoken Document Retrieval", Poster at Multilingual Information Access for Text, Speech and Images, 5th Workshop of the Cross-Language Evaluation Forum, in Bath, UK, with Irina Matveeva, Bath, UK, September 2004.

- **2003** "Multi-Scale Document Expansion in English-Mandarin Cross-Language Spoken Document Retrieval", at Conference of the International Speech Communication Association (Interspeech) 2003, with Wai-Kit Lo, Yuk-Chi Li, Helen Meng, Hsin-min Wang.

- **2003** "Issues in Pre- and Post-translation Document Expansion: Untranslatable Cognates and Missegmented Words", at 4th International Workshop on Information Retrieval in Asian Languages, Sapporo, Japan. August 2003.

- **2003** "Learning to Speak to a Spoken Language System: Vocabulary Convergence in Novice Users", Poster at 4th SIGdial Workshop on Discourse and Dialogue, Sapporo, Japan. August 2003.

- **2001** "Mandarin-English (MEI): Investigating Translingual Speech Retrieval", at Human Language Technology Conference (HLT) 2001, with Helen Meng, Berlin Chen, Erika Grams, Sanjeev Khudanpur Wai-Kit Lo, Douglas W. Oard, Patrick Schone, Hsin-min Wang and Jianqiang Wang, San Diego, CA. March 2001.

- **2001** "Rapidly Retargetable Interactive Translingual Retrieval", at Human Language Technology Conference (HLT) 2001, with Douglas W. Oard and Philip Resnik, San Diego, CA. March 2001.

- **2001** "Improved Cross-Language Retrieval using Backoff Translation", at Human Language Technology Conference (HLT) 2001, with Philip Resnik and Douglas W. Oard, San Diego, CA. March 2001.

- **2000** "Building a Chinese-English Mapping Between Verb Concepts for Multilingual Applications ", at Fourth Conference of the Association for Machine Translation in the Americas (AMTA), with Bonnie J. Dorr and Dekang Lin, Cuernavaca Mexico. October 2000.

- **2000** "Chinese-English Semantic Resource Construction", Poster at 2nd International Conference on Language Resources and Evaluation, (LREC 2000), with Bonnie Dorr, Dekang Lin, and Scott Thomas, Athens, Greece. May 2000.

- **2000** "Construction of Chinese-English Semantic Hierarchy for Cross-language Retrieval", at Workshop on English-Chinese Cross-language Information Retrieval, International Conference on Chinese Language Computing, with Bonnie J. Dorr and Maria Katsova, in Chicago, IL. 2000.

- **2000** "Mandarin-English Information (MEI): Investigating Translingual Speech Retrieval", at Workshop on Embedded Machine Translation, at the First Meeting of the North American Chapter of the Association for Computational Linguistics (NAACL-2000), with Helen Meng, Sanjeev Khudanpur, Douglas W. Oard and Hsin-min Wang, Seattle, WA. April 2000.

- **1999** "Evaluating Lexicon Coverage for Cross-Language Information Retrieval ", at Workshop on Multilingual Information Processing and Asian Language Processing, with Douglas W. Oard, Beijing, China. November 1999.

- **1999** "Understanding Recognition Failures in Spoken Corrections in Human-Computer Dialogue", in ESCA Workshop on Dialogue and Prosody, Eindhoven, The Netherlands. September 1999.

- **1999** "Modeling the Language Assessment Process and Result: Proposed Architecture for an Automatic Oral Proficiency Assessment", at Computer-mediated Language Assessment and Evaluation in Natural Language Processing Workshop, ACL '99, with Mari Broman Olsen, College Park, MD. June 1999.

- **1998** "Characterizing and Recognizing Spoken Corrections in Human-Computer Dialogue", at COLING-ACL 1998, Montreal, Canada. August 1998.

- **1996** "Modeling Hyperarticulate Speech During Human-Computer Error Resolution", at International Conference on Spoken Language Processing '96, with Sharon Oviatt, Margaret MacEachern and Karen Kuhn, Philadelphia, PA. October 1996.

- **1995** "Designing SpeechActs: Issues in Speech User Interfaces", at CHI '95, with Nicole Yankelovich and Matt Marx, Denver, CA. May 1995.

- **1993** "An Experimental Discourse-Neutral Prosodic Phrasing System for Mandarin Chinese", at PACLING '93, Vancouver, Canada. April 1993.

INVITED PRESENTATIONS AND COLLOQUIA

- **2011** "Predicting Verbal Feedback across Cultures in Face-to-Face Conversation", at the Microsoft/University of Washington Symposium, University of Washington.

- **2011** "Investigating Interactional Rapport in Three Language/Cultural Groups", at the University of Washington, Department of Linguistics Colloquium.

- **2011** "Recognizing Spoken Corrections in Human-Computer Dialogue", at the University of Washington, CLMS Treehouse talk.

- **2011** "Evaluating Spoken Dialogue Systems: Crowdsourcing and Learning", at University of Washington, CLMS Treehouse talk.

- **2010** Panelist, Spoken Dialogue Challenge: Current, Next and Beyond, at IEEE Workshop on Spoken Language Technology 2010, Berkeley, CA.

- **2010** "Context and Learning in Multi-lingual Tone and Pitch Accent Recognition", at Toyota Technological Institute, Nagoya, Japan.

- **2010** "Context and Learning in Multilingual Tone and Pitch Accent Recognition", at Chinese University of Hong Kong,

Systems Engineering and Engineering Management Department Seminar, Hong Kong, SAR.

- **2010** "Context and Learning in Multi-lingual Tone and Pitch Accent Recognition", at University of Washington, Department of Linguistics.

- **2009** "Managing Ambiguity, Gaps, and Errors in Spoken Language Processing", at AT&T Research, Florham Park, NJ.

- **2009** "Context and Learning in Multi-lingual Tone and Pitch Accent Recognition", at National University of Singapore.

- **2008** "Prosody in Spoken Language Understanding", at NLP Winter School, IIIT-Hyderabad, Hyderabad, India.

- **2008** Panel Organizer, Course Design: Teaching Computational Linguistics to Computer Scientists and Linguists jointly, at ACL-08: HLT The Third Workshop on Issues in Teaching Computational Linguistics (TeachCL-08), Columbus, OH.

- **2007** "Interactions of Tone and Intonation in Mandarin Chinese", at Northwestern University, Department of Linguistics.

- **2007** "Lessons from the SIGHAN International Chinese Word Segmentation Bakeoffs", at 9th Joint Symposium on Computational Linguistics, Dalian, Liaoning, PRC.

- **2007** "Learning in Multilingual Tone and Pitch Accent Recognition", at Stanford University, Department of Linguistics.

- **2007** "Learning in Multilingual Tone and Pitch Accent Recognition", at University of Pennsylvania, Department of Linguistics.

- **2007** "Learning in Multilingual Tone and Pitch Accent Recognition", at Massachusetts Institute of Technology.

- **2006** "The Third International Chinese Language Processing Bakeoff: Word Segmentation and Named Entity Recognition", at Fifth SIGHAN Workshop on Chinese Language Processing, Sydney, Australia. July 2006.

- **2006** "Understanding Global and Local Spoken Corrections in Human-Computer Dialogue", at Midwest Artificial Intelligence and Cognitive Science Conference, MAICS 2006, Valparaiso University, Valparaiso, Indiana.

- **2000** Translingual Topic Tracking: Applying Lessons from the MEI Project, at Topic Detection and Tracking Workshop (TDT-2000), with Douglas W. Oard, Gaithersburg, MD.

- **2000** Mandarin-English Information (MEI): Investigating Translingual Speech Retrieval, Workshop report, with Helen Meng, Berlin Chen, Erika Grams, Sanjeev Khudanpur, Wai-Kit Lo, Douglas W. Oard, Patrick Schone, Hsin-min Wang, and Jianqiang Wang, Johns Hopkins University, Center for Language and Speech Processing, Baltimore, MD.