Gina-Anne Levow

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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

2014 -
Department of Linguistics, University of Washington
Associate Professor

2010 - 2014
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

PI: (2018-current)	"STREAMLInED: Shared Tasks for Rapid, Efficient Analysis of Many Languages in Emerging Documentation", NSF DEL-1760475 , $124,985, with Emily M. Bender
PI: (2018-2019)	"Transfer Learning Across Language Simila rity Networks", DARPA HR0011-15-2-0043, $1,481,988, with subcontract to Mark Has egawa-Johnson, UIUC.
PI: (2015-2018)	"EL-STEC: Shared Task Evaluation Campaigns with Endangered Language Data." National Science Foundation. IIS-1500157, $49,997, with Emily Bender.
PI: (2013-2016)	"EAGER: ATAROS: Automatic Tagging and Recognition of Stance." National Science Foundation. IIS-1351034, Robust Intelligence, $249,975. Co-PIs: Mari Ostendorf, Richard Wright.
Investigator: (2013-2016)	"The Use of Phonologically-Motivated Distinctive Features for Computational Acoustic Characterization of Dysarthric Speech". 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 Discourse 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.
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

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

- **2012-2015 Member of Board**, Seattle Chapter of Applied Voice Input/Output Society (AVIOS).

ACADEMIC SERVICE: CONFERENCE AND WORKSHOP ORGANIZATION

- **[2024]** Area Chair: ACL 2024

- **[2024]** Area Chair: NAACL 2024

- **[2023]** Area Chair, Dialogue and Interactive Systems: EACL 2024

- **[2023]** Area Chair: Dialogue and Interactive Systems: ACL 2023

- **[2023]** Senior Program Committee member: AAAI 2023

- **[2022]** Area Chair: Speech recognition and synthesis, spoken languag e understanding: COLING 2022

- **[2021]** Co-organizer, (with Richard Wright), Special Session on Speech and Machines, at 181st Meeting of the Acoustical Society of America, Dec 2021

- **[2021]** Co-Program Chair, 22nd Annual Meeting of the Special Interest Group on Discourse and Dialogue

- **[2021]** Co-Senior Area Chair: Dialog and Interactive Systems: ACL-IJCNLP 2021

- **[2021]** Co-Program Chair, 4th West Coast NLP Summit, 2021

- **[2020]** Co-Program Chair, 3rd West Coast NLP Summit, 2020

- **[2019]** Co-organizer, Panel on Expression of Stance in Spoken Language, with Nigel Ward and Douglas Biber: International Pragmatics Association 2019

- **[2019]** Area Chair: Resources and Evaluation: ACL 2019

- **[2019]** Area Chair: Speech, Vision, Robotics, Multimodal and Grounding: EMNLP/IJCNLP 2019

- **[2018]** Area Co-Chair, International Conference on Computational Linguistics (COLING) 2018

- **[2017]** Area Chair: Summarization, Generation, Discourse, and Dialog: EMNLP 2017

- **[2017]** Publicity Co-Chair, IJCNLP 2017

- **[2016]** Co-organizer: EL-STEC 2016, Endangered Languages - Shared Task Evaluation Workshop, September 14-15, 2016, Seattle, WA.

- **[2015]** Co-organizer: Advanced Crowdsourcing for Speech and Beyond, Special Session at Interspeech 2015

- **[2014]** Panelist: Future directions in spoken dialog systems at REAL Challenge Workshop at ACL 2015, Baltimore, MD, June 2014

- **[2014]** Mentor: REAL Challenge Workshop at ACL 2015, Baltimore, MD, June 2014

- **[2014]** Co-Chair: Joint CIPS-SIGHAN Conference 2014

- **[2013]** Co-organizer: Scaling Speech, Language Understanding and Dialogue through Crowdsourcing Workshop at Conference on Human Computation and Crowdsourcing 2013

- **[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**:

  - **[2024]** Reviewer, Interspeech 2024

  - **[2024]** Reviewer, SIGUL 2024

  - **[2024]** Reviewer, ComputEL 2024

  - **[2024]** Reviewer, Speech Prosody 2024

  - **[2024]** Reviewer, LREC-COLING 2024

  - **[2023]** Member, EMNLP 2023 Best Paper Awards Committee

  - **[2023]** Reviewer, ICASSP 2024

  - **[2023]** Reviewer, IJCNLP-AACL, Student Research Workshop

  - **[2023]** Reviewer, Interspeech 2023

  - **[2023]** Reviewer, ICASSP 2023

  - **[2022]** Reviewer, ACL Rolling Review, December Cycle

  - **[2022]** Reviewer, AACL-IJCNLP 2022

  - **[2022]** Reviewer, ACL 2022

  - **[2022]** Reviewer, ICASSP 2022

  - **[2022]** Reviewer, NAACL 2022

  - **[2022]** Reviewer, LREC 2022

  - **[2022]** Reviewer, Interspeech 2022

  - **[2022]** Reviewer, ACL Rolling Review

  - **2021** Reviewer, ICASSP 2021

  - **2021** Reviewer, NAACL 2021

  - **2021** Reviewer, Interspeech 2021

  - **2020** Reviewer, ICASSP 2020

  - **2020** Reviewer, COLING 2020

  - **2020** Reviewer, Interspeech 2020

  - **2020** Reviewer, EACL 2020

- **2020** Reviewer, EMNLP 2020

- **2019** Reviewer, Interspeech 2019

- **2018** Reviewer, Polysynthesis Workshop

- **2017** Program committee, ACL 2017

- **2017** Program committee, IJCNLP 2017

- **2017** Scientific committee, AAAI Workshop on Crowdsourcing, Deep Learning and Artificial Intelligence Agents

- **2016** Reviewer, NW-NLP 2017

- **2016** Program committee, ACL 2016

- **2016** Scientific committee, Language Resources and Evaluation, 2016

- **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

- **2023** Reviwer, APSIPA Transactions on Signal and Information Processing

- **2022** Reviewer, Journal of Natural Language Engineering

- **2022** Reviewer, Speech Communication

- **2021** Reviewer, Speech Communication

- **2020** Reviewer, Speech Communication

- **2020** Reviewer, Computational Linguistics

- **2019** Reviewer, Computer Speech and Language

- **2018** Reviewer, Journal of Natural Language Engineering

- **2017** Reviewer, Journal of Acoustical Society of America

- **2015** Reviewer, Speech Communication

- **2015** Reviewer, Language Resources and Evaluation

- **2015** Reviewer, Computer Speech and Language

- **2015** Reviewer, ACM Transactions on Asian and Low-Resource Language Info rmation Processing (TALLIP)

- **2014** Reviewer, Computer Speech and Language

- **2014** Reviewer, Speech Communication

- **2014** Reviewer, Cognitive Science

- **2014** Reviewer, Journal of Phonetics

- **2014** Reviewer for *Speech Communication*

- **2014** Reviewer for *Transactions of the Association for Computational Li nguistics*

- **2014** Reviewer for *Transactions on Information Systems*

- **2014** Reviewer for *Phonology*

- **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

- **2024** External Reviewer, Research Grants Council, Hong Kong

- **2023 (October)** Review Panelist for National Science Foundation

- **2023 (April)** Review Panelist for National Science Foundation

- **2023** External Reviewer, Natural Sciences and Engineering Research Council of Canada

- **2020** External Reviewer, Natural Sciences and Engineering Research Council of Canada

- **2020** Review Panelist for National Science Foundation

- **2018** Review Panelist for National Science Foundation

- **2015** Ad-hoc Reviewer for National Science Foundation

- **2014** Review Panelist for National Science Foundation

- **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

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

- **[2021-2024]** Member, CLMS Admissions Committee

- **[2024]** Member, Review Committee for Dean of Information School

- **[2023]** Member, NLT Certificate Admissions Committee

- **[2022-2023]** Co-Chair, Non-Anglophone Humanities Data Science Search Committee

- **[SPR, SUM 2021]** Acting Faculty Director, CLMS

- **[2020-2021]** Member, Phonology Search Committee

- **[2021]** Member, NLT Certificate Admissions Committee

- **[2020]** Member, 5-year Departmental Chair Review Committee

- **[AUT 2020]** Reviewer, Royalty Research Fund

- **[May 6, 2019]** Presenter, American Chambers of Commerce visit to UW Depa rtment of Linguistics

- **[2018-2019]** Chair, Computational Linguistics Search Committee

- **[2018]** CLMS Admissions Committee

- **[2017]** Reviewer, Royalty Research Fund

- **[12/16/2016-6/15/2017]** Acting Faculty Director, CLMS

- **[2014-2015]** Member, Language Acquisition Search Committee

- **[2014-2017]** Member, Faculty Council on Research

- **[3/16/2014-9/15/2014]** Acting Faculty Director, CLMS

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

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

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

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

PUBLICATIONS

Journal Publications

- Marina Oganyan, Gina-Anne Levow, Rob Squizzero, Emily P. Ahn, Sara Ng, Richard A. Wright. (Accepted for publication, 2024) Investigating the Acoustic Fidelity of Vowels across Remote Recording Methods, *Linguistics Vanguard*.

- Zhaojun Yang, Gina-Anne Levow, and Helen Meng. (2012) "Predicting User Satisfaction in Spoken Dialog System Evaluation with Collaborative Filtering". *IEEE Journal of Selected Topics in Signal Processing*, 6(8), p. 971-981.

- S. Ananiadou, D. Sullivan, W. Black, G.-A. Levow, J. J. Gillespie, C. Mao, S. Pyysalo, B. Kolluru, J. Tsujii, and B. Sobral. (2011) "Named Entity Recognition for Bacterial Type IV Secretion Systems", *PLoS ONE*. 6(3). pp. e14780.

- Gina-Anne Levow, Douglas W. Oard, and Philip Resnik. (2005) "Dictionary-based Techniques for Cross-language Information Retrieval", *Information Processing and Management: Special Issue on Cross-language Information Retrieval*, 41(3):523-547.

- Helen M. Meng, Berlin Chen, Sanjeev Khudanpur, Gina-Anne Levow, Wai-Kit Lo, Douglas W. Oard, Patrick Schone, Karen Tang, Hsin-min Wang, and Jianqiang Wang. (2004) "Mandarin-English Information (MEI): Investigating Translingual Speech Retrieval" *Computer Speech and Language*, Volume 18, Issue 2, pp. 163-179.

- Bonnie J. Dorr, Gina-Anne Levow, and Dekang Lin. (2002) "Construction of a Chinese-English Verb Lexicon for Machine Translation and Embedded Multilingual Applications", *Machine Translation: Special Issue on Embedded Machine Translation*, Volume 17, Issue 2, pp. 99-137.

- Gina-Anne Levow. (2002) "Adaptations in Spoken Corrections: Implications for Models of Conversational Speech", *Speech Communication*, 36(1-2), pp. 147-163.

- Sharon Oviatt, Gina-Anne Levow, Elliott Moreton, and Margaret MacEachern. (1998) "Modeling Global and Focal Hyperarticulation During Human-Computer Error Resolution", in *Journal of the Acoustical Society of America*, 104(5), pp. 1-19.

- Sharon Oviatt, Jon Bernard, and Gina-Anne Levow. (1998) "Linguistic Adaptations During Spoken and Multimodal Error Resolution", in *Language and Speech*, 41(3), pp. 419-442.

- Sharon Oviatt, Margaret MacEachern and Gina-Anne Levow. (1998) "Predicting Hyperarticulate Speech During Human-Computer Error Resolution", in *Speech Communication*, 24(2), pp. 87-110.

Journal Special Issue: Co-Guest Editor

- Lung-Hao Lee, Gina-Anne Levow, Chao-Lin Liu, Shih-Hung Wu. (Eds) (2015) Special Issue on Chinese Spell Checking. . ACM Transactions on Asian and Low-Resource Language Information Processing (TALLIP), Volume 14 Issue 4, October 2015.

Journal Special Issue: Invited Article

- Lung-Hao Lee, Gina-Anne Levow, Shih-Hung Wu, Chao-Lin Liu. (2015) "Introduction to the Special Issue on Chinese Spell Checking", ACM Transactions on Asian and Low- Resource Language Information Processing (TALLIP), Volume 14 Issue 4, October 2015.

Edited Volumes

- *Crowdsourcing for Speech Processing: Applications to Data Collection, Tra nscription, and Assessment*, (eds.) Maxine Eskenazi, Gina-Anne Levow, Helen Meng, David Suendermann, John Wiley and Sons, (2013).

Book Chapters

- "Crowdsourcing for Spoken Dialog System Evaluation", Zhaojun Yang, Gina-An ne Levow, Helen Meng, in *Crowdsourcing for Speech Processing: Applications t o Data Collection, Transcription, and Assessment* ,(eds.) Maxine Eskenazi, Gina-Anne Levow, Helen Meng, David Suendermann, John Wiley and Sons. (2013)

- "Signal Boosting for Translingual Topic Tracking: Document Expansion and N-best Translation", Gina-Anne Levow and Douglas W. Oard (2002) in *Topic Detection and Tracking Research*, (eds.) James Allan, Jaime Carbonell, Jon Yamron, Kluwer, pp. 175-196.

Conference Publications: Full Paper Review

- Emily P. Ahn, Gina-Anne Levow, Eleanor Chodroff, Myrian Lapierre. (To appear) The Use of Phone Categories and Cross-Language Modeling for Phone Alignment of Panãra, in Interspeech 2024, 5 pages.

- Sara Ng, Gina-Anne Levow, Richard A. Wright, Mari Ostendorf. (To appear) Investigating the Influence of Stance-Taking on Conversational Timing of Task-Oriented Speech, in Interspeech 2024, 5 pages.

- Sara Ng, Valerie Freeman, Gina-Anne Levow, Mari Ostendorf, Richard Wright. (2024) Effects of Information Load and Pragmatic Load on the Hypo-Hyper Continuum, Fonetik 2024, 6 pages.

- Emily P. Ahn, Gina-Anne Levow, Richard A. Wright, Eleanor Chodroff (2023) "An Outlier Analysis of Vowel Formants from a Corpus Phonetics Pipeline", in Proceedings of Interspeech 2023, p. 2573-2577.

- Courtney Mansfield, Sara Ng, Gina-Anne Levow, Richard Wright and Mari Ostendorf. (2021) "Revisiting Parity of Human vs. Machine Conversational Speech Transcription", in Proceedings of Interspeech 2021, p. 1997-2001.

- "Grapheme-to-Phoneme Transduction for Cross-Language ASR", Mark Hasegawa-Johnson , Leanne Rolston, Camille Goudeseune, Gina-Anne Levow, Katrin Kirchhoff, SLSP 20 20: 3-19, 2020.

- Haley Lepp and Gina-Anne Levow. (2020) "Pardon the Interruption: An Analysis of Gender and Turn-Taking in U.S. Supreme Court Oral Arguments", in Proceedings of Interspeech 2020, p. 1838-1842.

- Chad Mills, Francis Bond, and Gina-Anne Levow. (2018) "Automatic Identification of Basic-Level Categories", in the 9th Global WordNet Conference, p. 298–305.

- Gina-Anne Levow and Richard A. Wright. (2017) "Exploring Dynamic Measures of Stance in Spoken Interaction", in Proceedings of Interspeech 2017, p. 1452-1456.

- Rebecca Bates, Eric Fosler-Lussier, Florian Metze, Martha Larson, Gina-Anne Levow and Emily Mower Provost. (2016) "Experiences with Shared Resources for Research and Education in Speech and Language Processing", in Proceedings of Interspeech 2016, p. 1627-1631.

- Ka Ho Wong, Yu Ting Yeung, Edwin H. Y. Chan, Patrick C. M. Wong, Gina-Anne Levow, Helen Meng. (2015) <u>"Development of a Cantonese dysarthric speech corpus"</u>, in Proceedings of Interspeech 2015, 329-333.

- Valerie Freeman, Gina-Anne Levow, Richard Wright, Mari Ostendorf. (2015) <u>"Investigating the role of `yeah' in stance-dense conversation"</u>, in Proceedings of Interspeech 2015, 3076-3080.

- Valerie Freeman, Julian Chan, Gina-Anne Levow, Richard Wright, Mari Ostendorf, Victoria Zayats. (2014) <u>"Manipulating stance and involvement using collaborative tasks: An exploratory comparison"</u>, in Proceedings of Interspeech 2014, p. 303-307.

- Yi Luan, Mari Ostendorf, Richard Wright, Gina-Anne Levow. (2014) <u>"Relating automatic vowel space estimates to talker intelligibility"</u>, in Proceedings of Interspeech 2014, p. 2238-2242.

- Gina-Anne Levow and Susan D. Duncan. (2012) <u>"Contrasting Cues to Verbal and Non-Verbal Backchannels in Multi-lingual Dyadic Rapport"</u>, in *Proceedings of Interspeech 2012,* p. 835-838.

- Siwei Wang and Gina-Anne Levow. (2011) <u>"Modeling Broad Context for Tone Recognition with Conditional Random Fields"</u>, in *Proceedings of Interspeech 2011*, p. 2289-2292.

- Siwei Wang and Gina-Anne Levow. (2011) <u>"Contrasting Multi-Lingual Prosodic Cues to Predict Verbal Feedback for Rapport"</u>, in *Proceedings of ACL-2011*, p. 614-619.

- Gina-Anne Levow, Susan Duncan, and Edward King. (2010) "<u>Cross-cultural Investigation of Prosody in Verbal Feedback in Interactional Rapport</u>", in *Proceedings of Interspeech 2010*, p. 286-289.

- Gina-Anne Levow. (2009) "<u>Assessing Context and Learning for isiZulu Tone Recognition</u>", in *Proceedings of Interspeech 2009*.

- Gina-Anne Levow. (2009) "<u>Investigating Pitch Accent Recognition in Non-native Speech</u>", in *Proceedings of ACL-IJCNLP 2009 Conference Short Papers*, p. 269-272.

- Siwei Wang and Gina-Anne Levow. (2008) <u>"Mandarin Chinese Tone Nucleus Detection with Landmarks"</u>, in *Proceedings of Interspeech 2008*.

- Dinoj Surendran and Gina-Anne Levow. (2008) "<u> Can Voice Quality Improve Mandarin Tone Recognition? </u>", in *Proceedings of ICASSP 2008*.

- Gina-Anne Levow. (2008) " <u>Automatic Prosodic Labeling with Conditional Random Fields and Rich Acoustic Features</u>", in *Proceedings of IJCNLP 2008*, p.217-224.

- Bennett Bertenthal, Robert Grossman, David Hanley, Mark Hereld, Sarah Kenny, Gina-Anne Levow, Michael E. Papka, Steve Porges, Kavithaa Rajavenkateshwaran,Rick Stevens, Thomas Uram, Wenjun Wu. (2007) "<u>Social Informatics Data Grid</u>", in *Proceedings of 3rd International eSocial Science Conference*.

- Svenja Adolphs, Bennett Bertenthal, Steve Boker, Ronald Carter, Chris Greenhalgh, Mark Hereld, Sarah Kenny, Gina-Anne Levow, Michael E. Papka, Tony Pridmore. (2007) "<u>Integrating Cyberinfrastructure into Existing eSocial Science Research</u>", in *Proceedings of 3rd International eSocial Science Conference*.

- Irina Matveeva and Gina-Anne Levow. (2007) "<u>Topic Segmentation with Hybrid Document Indexing</u>",in *Proceedings of Empirical Methods in Natural Language Processing (EMNLP) 2007*, p. 351-359.

- Irina Matveeva and Gina-Anne Levow. (2007) "<u>Hybrid Document Indexing with Spectral Embedding</u>", in *Proceedings of HLT-NAACL 2007*, p. 113-116.

- Dinoj Surendran and Gina-Anne Levow. (2006) "<u>Dialog Act Tagging with Support Vector Machines and Hidden Markov Models</u>", in *Proceedings of Interspeech 2006*, p. 1950-1953.

- Siwei Wang and Gina-Anne Levow. (2006) "<u>Improving Tone Recognition with Combined Frequency and Amplitude Modelling</u>", in *Proceedings of Interspeech 2006*, p. 2386-2389.

- Gina-Anne Levow. (2006) "<u>Unsupervised and Semi-supervised Learning of Tone and Pitch Accent </u>", in *Proceedings of HLT-NAACL 2006*, p. 224-231.

- Irina Matveeva and Gina-Anne Levow. (2005) "<u>Computing Term Translation Probabilities with Generalized Latent Semantic Analysis</u>", in *Proceedings of EACL 2006*, p. 151-154.

- Gina-Anne Levow. (2005) "<u>Context in Multi-lingual Tone and Pitch Accent Prediction</u>", in *Proceedings of Interspeech 2005*, p. 1809-1812.

- Dinoj Surendran, Gina-Anne Levow, Yi Xu. (2005) "<u>Tone Recognition in Mandarin using Focus</u>", in *Proceedings of Interspeech 2005*, p. 3301-3304.

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- **2024** "Pragmatic prominence in stance marking", Richard A. Wright, Mari Ostendorf, Valerie Freeman, Gina-Anne Levow, Sara Ng, at ALOES 2024

- **2024** "Phonetic Granularity Effects on Forced Alignment Across Panãra and English", Emily Ahn, Eleanor Chodroff, Myriam Lapierre and Gina-Anne Levow, at 7th Workshop on Computational Methods for Endangered Languages, 2024.

- **2023** "An Outlier Analysis of Vowel Formants from a Corpus Phonetics Pipeline", with Emily P. Ahn, Gina-Anne Levow, Richard A. Wright, Eleanor Chodroff, Interspeech 2023, Dublin, August.

- **2023** "Investigating Speaker Diarization of Endangered Language Data", at Sixth Workshop on the Use of Computational Methods in the Study of Endangered Languages, March 6, 2023.

- **2022** "A Masked Segmental Lang uage Model for Unsupervised Natural Language Segmentation", with C.M. Downey, Fei Xia, and Shane Steinert-Threlkeld, at the 19th SIGMORP HON Workshop on Computational Research in Phonetics, Phonology, and Morphology, Seattle, Washington.

- **2022** "Investigating the acoustic fidelity of remote recording methods", with Emily P. Ahn, William Bowers, Ella Deaton, Sara Ng, Marina Oganyan, Robert Squizzero, Richard Wright, presented at the 182nd Meeting of the Acoustical Society of America.

- **2021** "Revisiting Parity of Human vs. Machine Conversational Speech Transcription", with Courtney Mansfield, Sara Ng, Richard Wright and Mari Ostendorf in Poster presentation at Interspeech 2021.

- **2021** " Developing a Shared Task for Speech Processing on Endangered Languages", at 4th Workshop on the Use of Computational Methods in the Study of Endangered Languages.

- **2020** "Pardon the Interruption: An Analysis of Gender and Turn-Taking in U.S. Supreme Court Oral Arguments", with Haley Lepp, Poster at Interspeech 2020

- **2018** "Discovering Phonesthemes with Sparse Regularization", with Nelson Liu and Noah A. Smith, NAACL Workshop on Subword and Character-Level Models in Natural Language Processing, New Orleans, LA

- **2018** "Automatic Identification of Basic-Level Categories", with Chad Mills and Francis Bond, 9th Global WordNet Conference, Singapore, Jan. 2018.

- **2017** "Exploring Dynamic Measures of Stance in Spoken Interaction", with R. A. Wright, Interspeech 2017, Stockholm, Sept. 2017.

- **2017** "STREAMLInED Challenges: Aligning Research Interests with Shared Tasks", with Emily M. Bender, Patrick Littell, Kristen Howell, Shobhana Chelliah, Joshua Crowgey, Dan Garrette, Jeff Good, Sharon Hargus, David Inman, Michael Maxwell, Michael Tjalve, Fei Xia at Workshop on the Use of Computational Methods in the Study of Endangered Languages.

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- **2015** "Investigating the role of 'yeah' in stance-dense conversation", with Valerie Freeman, Richard Wright, Mari Ostendorf at Interspeech 2015, presented Sept. 2015.

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- **2014** "Manipulating stance and involvement using collaborative tasks: An exploratory comparison", with Valerie Freeman, Julian Chan, Richard Wright, Mari Ostendorf, Victoria Zayats at Interspeech 2014.

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- **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.

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- **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.

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- **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.

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- **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

- **2024** "Leveraging Models from High-Resource Languages in Speech Processing for Endangered Language Data", Informatics, University of Edinburgh.

- **2024** "What does parity mean? A detailed comparison of ASR and human transcription errors", with Courtney Mansfield, Sara Ng, Mari Ostendorf, and Richard A. Wright, 181st Meeting of the Acoustical Society of America, December 2021, Seattle, WA.

- **2020** "Grapheme-to-Phoneme Transduction for Cross-Language ASR", with Mark Hasegawa-Johnson, Leanne Rolston, Camille Goudeseune, Katrin Kirchhoff, Statistical Language and Speech Processing 2020 Invited talk.

- **2019** "Leveraging High-Resource Languages to Improve Low-Resource Language Processing", Department of Linguistics Colloquium, Boston University.

- **2019** "Transfer Learning Across Language Similarity Networks: University of Washington/UIUC", with Mark Hasegawa-Johnson, Katrin Kirchhoff, Angli Liu , Camille Goudeseune, Leda Sari, Wenda Chen, Aidan Babb, C.M. Downey, Erica Gardner, Christopher Haberland, Shannon Ladymon, Leanne Rolston, Avijit Vajpayee, Jonathon Vogel, at LORELEI PI Meeting, Arlington, VA.

- **2019** "UW/UIUC: Accomplishments to Date", with Mark Hasegawa-Johnson, Camille Goudeseune, Chris Haberland, Leanne Rolston, Avijit Vajpayee, Katrin Kirchhoff, Angli Liu, at LORELEI PI Meeting, Philadelphia, PA.

- **2019** "UW/UIUC: Situation Frames", with Mark Hasegawa-Johnson, Camille Goudeseune, Leanne Rolston, at LORELEI PI Meeting, Philadelphia, PA, March 27

- **2019** "UW/UIUC Research Update: Enabling technologies", with Mark Hasegawa-Johnson, Camille Goudeseune, Chris Haberland, Leanne Rolston, Avijit Vajpayee, at LORELEI PI Meeting, Philadelphia, PA, March 27

- **2018** "Lessons Learned from Low Resource Languages: UW/UIUC", with Mark Hasegawa-Johnson, Camille Goudeseune, Leanne Rolston, at LORELEI PI Meeting , Bloomington, MN, September 14.

- **2018** "Situation Frames and MT: Text & Speech UW/UIUC", with Mark Hasegawa-Johnson, Camille Goudeseune, Brian Moran, Leanne Rolston, at LORELEI PI Me eting, Bloomington, MN, September 13.

- **2018** "UW/UIUC Research Update: Enabling technologies", with Mark Hasegawa-Johnson, Katrin Kirchhoff, Angli Liu, Camille Goudeseune, Leanne Rolston, Jonathon Vogel, Van Hai Do, at LORELEI PI Meeting, Bloomington, MN, September 12.

- **2018** "UW/UIUC Research Update: Enabling technologies", with Mark Hasegawa-Johnson, Katrin Kirchhoff, Angli Liu, Camille Goudeseune, Leanne Rolston, Jonathon Vogel, Van Hai Do, at LORELEI PI Meeting, San Antonio, TX, March 21.

- **2017** "Acoustic modeling of stance acts in conversational speech." with Richard A. Wright, Valerie Freeman, Mari Ostendorf. Invited

talk presented at the UCLA Phonetics Seminar. March 6, 2017.

- **2016** "Acoustic modeling of stance acts in the ATAROS conversational corpus.", with Richard A. Wright and Valerie Freeman, Invited colloquium talk presented at the UC Santa Barbara Department of Linguistics. November 10, 2016.

- **2015** "Recognizing Stance Strength and Polarity in Spontaneous Speech", presented at the Chinese University of Hong Kong, HK, SAR, March 2015.

- **2013** "Crowdsourcing Spoken Dialog Systems Evaluation: From Judgments to Predictions", at Scaling Speech, Language Understanding and Dialogue through Crowdsourcing Workshop at Conference on Human Computation and Crowdsourcing 2013, Palm Springs, CA. November 2013.

- **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.