

YUWEN LAI

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Educational background

2008: Ph.D., Dept. of Linguistics. The University of Kansas.
Dissertation- *Acoustic Realization and Perception of English Lexical Stress by Mandarin Learners*. Advisor: Allard Jongman

2004: M.A., Dept. of Linguistics. The University of Kansas.
Thesis- *The Effect of Aspiration on the Fundamental Frequency of the Following Tone in Taiwanese*. Advisor: Allard Jongman.

1998: M.S., Dept. of Plant Pathology and Entomology. National Taiwan University.
Thesis- *Taxonomy of Lampyridae: Lampyrinae in Taiwan*. Advisor: Ping-Shih Yang

1996: B.S., Dept. of Plant Pathology and Entomology. National Taiwan University.

Research interests

Phonetics, Phonetics-Phonology relations, Psycholinguistics, Second language acquisition, Tone languages, Computer-assisted language learning for small languages

Professional appointment

2008-present: Postdoctoral Teaching Fellow, Dept. of Linguistics, The University of British Columbia.

Grants, honors, and awards

2006 Outstanding Graduate Teaching Assistant Award, KU
2005 Fellowship for attending Summer Institute at MIT, Linguistic Society of America
2005 Frances Ingemann Scholarship, Linguistics Dept., KU
2005 Student travel subsidy to the 149th meeting, Acoustical Society of America

2003 Erasmus Award, Linguistics Dept., KU
2001 Outstanding International Woman Student, KU
2001 Nominated for Outstanding Graduate Teaching Assistant, KU
2000 International Student Scholarship, KU
1997 Education Bureau Scholarship, NTU

Teaching experience

- The University of British Columbia

2008-present:

Ling 100: Languages and Linguistics
Ling 101: Languages of the World
Ling 447: Research Methods in Speech Production and Perception.

- The University of Kansas

2006-2008: Teaching Assistant. *Language and Mind*. Dept. of Linguistics. *Duties:* Organizing and leading discussion sessions, composing/grading quizzes and home homework assignments

2004-2006: Instructor. *Introductory Linguistics*. Dept. of Linguistics. *Duties:* Lecturing, organizing syllabus, developing teaching materials, composing/grading tests and homework assignments

2003-2004: Teaching Assistant. *Language and Mind*. Dept. of Linguistics. *Duties:* Incorporating teaching materials in PowerPoint format, grading tests and homework assignments, holding office hours and review sessions

2001-2002: Teaching Assistant. *Elementary and Intermediate Chinese*. Dept. of East Asian Language and Culture Dept. *Duties:* Administering oral tests, managing class website

- National Taiwan University

1997-1998: Teaching Assistant. *Introductory Entomology*. Dept. of Plant Pathology and Entomology Dept. *Duties:* Leading lab sessions, managing lab materials and equipments, organizing field trips, categorizing specimens in collection

Research experience

- The University of Kansas

2004-2005: Research Assistant. *The Psychological Reality of Mandarin Tone Sandhi*. Dept. of Linguistics. PI: Jie Zhang. *Duties:* Constructing stimuli, setting up experiment, recruiting/running subjects, acoustical and statistical data analysis.

2002-2003: Research Assistant. *Documentation of Endangered Languages*. (DoBeS). Volkswagen Foundation, Anthropology Dept. PI: Arianne Dwyer. *Duties:* Conducting fieldwork at Qinghai, China, arranging tutorials of softwares for local field workers, audio and video recording of interviews, translating/transcribing collected materials.

2000-2001: Research Assistant. *Language-specific Effects in Speaker and Rate Normalization*. Linguistics Dept. PI: Allard Jongman. *Duties*: Setting up experiment, recruiting/running subjects

- National Taiwan University

1998-1999: Research Assistant. *Firefly Fauna at the Taroko National Park*. Plant Pathology and Entomology Dept. PI: Ping-Shih Yang. *Duties*: Collecting specimen, documenting ecological behaviors, photographing fireflies and habitats, organizing ecology learning camps for K-12 students and parents

Languages

Fluent: Mandarin, English, and Taiwanese (Min-nan Chinese)

Moderate: Classical Chinese, Japanese and Taiwan Sign Language

Technical skills

Multi-speech, Paradigm, PRAAT, SPSS, STRAIGHT, SuperLab, OTsoft, ELAN, Transcriber, EndNote, WebVista, DreamWeaver, and Photoshop.

Professional organizations

Acoustical Society of Canada

Acoustical Society of America

Linguistic Society of America

Workshops and institutes

2006: Third Annual Summer Institute in Cognitive Neuroscience. National Yang-Ming University, Taiwan.

2005: Linguistic Society of America Summer Institute, MIT.

2004: Redefining Elicitation: Novel Data in Phonological Theory, NYU.

2002: Methods and Tools in Field Linguistics. Max Planck Institute for Psycholinguistics, Nijmegen, the Netherlands.

Academic leadership and service

2008: Reviewer for Journal of Acoustical Society of America. Reviewer for the second International Conference in East Asian Languages

2007: Mid-America Linguistics Conference website manager, KU.

2005-2006: Student Representative of Linguistics Graduate Student Association, KU.

2004-2005: President of Linguistics Graduate Student Association, KU.

2004: Assistant leader. Study abroad program (China). Kansas Scholar Service, KU.

2000-2001: President of Taiwanese Student Association, KU.

Publications

- Zhang, J. and Y. Lai (submitted). Testing the role of phonetic naturalness in Mandarin tone sandhi. Invited for resubmission to *Phonology*. Also in *Kansas Working Papers in Linguistics*, 2006 (28): 65-126.
- Lai, Y., C. Huff, J. Sereno and A. Jongman. The raising effect of aspirated consonant on F0 in Taiwanese. To appear in *Proceedings of the 2nd International Conference on East Asian Linguistics*. Publication expected in 2009.
- Zhang, J., Y. Lai and C. Turnbull-Sailor. Opacity, phonetics, and frequency in Taiwanese tone Sandhi. To appear in *Proceeding of the 18th International Congress of Linguistics*. Linguistic Society of Korea
- Zhang, J. and Y. Lai (2008). Phonological knowledge beyond the lexicon in Taiwanese double reduplication. In Yuchau E. Hsiao, Hui-Chuan Hsu, and Lian-Hee Wee (eds.), *Interfaces in Chinese Phonology*. Academia Sinica, Taiwan. 183-222.
- Lai, Y. (2008). Acoustical Realization and Perception of English Lexical Stress by Mandarin Learners. PhD Dissertation.
- Lai, Y. and J. Zhang. Mandarin Lexical Tone Recognition: Gating Paradigm. *Proceedings of the Mid-America Linguistics Conference, Kansas Working Papers in Linguistics* 30. 183-194.
- Lai, Y. and J. Sereno. (2007). Acquisition of English Lexical Stress by Mandarin Learners. *Journal of Acoustical Society of America* 121, 3071.
- Zhang, J., Y. Lai, and C. Turnbull-Sailor (2006). Wug-testing the "tone circle" in Taiwanese. In Donald Baumer, David Montero, and Michael Scanlon (eds.), *Proceedings of the 25th West Coast Conference on Formal Linguistics*. Cascadilla Proceedings Project, Somerville, MA. 453-461.
- Lai, Y. and A. Jongman (2005). The Effect of Aspiration on Fundamental Frequency in Taiwanese Syllables. *Journal of Acoustical Society of America* 117, 2458.
- Lai, Y. (2004). *The Effect of Aspiration on the Fundamental Frequency of the Following Tone in Taiwanese*. MA thesis. University of Kansas.
- Jongman, A., Y. Lai and C. Moore. (2002). Language-specific Effects in Speaker and Rate Normalization. *Journal of Acoustical Society of America* 111, 2363.

Presentations

- Lai, Y. J. Lyon and C. Huff. Computer-assisted language learning in small languages. The 1st International Conference on Language Documentation and Conservation (ICLDC-1). University of Hawai'i, Manoa. Mar. 2009 (accepted)
- Lai, Y., C. Huff, J. Sereno and A. Jongman. The raising effect of aspirated consonant on F0 in Taiwanese. The 2nd International Conference on East Asian Linguistics. Vancouver, BC Canada. Nov. 2008.
- Lai, Y., J. Sereno. Perceptual cues to English lexical stress: Comparison between native speakers and Mandarin second language learners. The 155th meeting of the Acoustical Society of America, Miami Florida. Nov. 2008.
- Lai, Y., J. Sereno and A. Jongman. Acoustic realization and perception of English lexical stress by Mandarin learners. Acoustic week in Canada. Vancouver, BC Canada. Oct. 2008.
- Zhang, J., Y. Lai and C. Turnbull-Sailor. Opacity, phonetics, and frequency in Taiwanese tone sandhi. The 18th International Congress of Linguistics (CIL). Seoul, Korea. July 2008.
- Zhang, J., Y. Lai. Phonological Knowledge beyond the Lexicon in Taiwanese Double Reduplication. 27th West Coast Conference on Formal Linguistics (WCCFL-27), 2008
- Lai, Y. and J. Zhang. Mandarin Lexical Tone Recognition: Gating Paradigm. 2007 Mid-America Linguistics Conference. Lawrence, Kansas. Oct. 2007.
- Lai, Y. and J. Sereno. Acquisition of English Lexical Stress by Mandarin Learners. The 153rd meeting of the Acoustical Society of America, Salt Lake City, Utah. May 2007.
- Zhang, J. and Y. Lai. Two Aspects of Productivity in Taiwanese Double Reduplication. The 15th Annual Meeting of the International Association of Chinese Linguistics (IACL) and 19th Annual North American Conference on Chinese Linguistics (NACCL). Columbia University, NYC New York. May 2007.
- Zhang, J., Y. Lai and C. Turnbull-Sailor. Effects of Phonetics and Frequency on the Productivity of Taiwanese Tone Sandhi. The 43rd Regional Meeting of the Chicago Linguistic Society (CLS 43). May 2007.
- Zhang, J., Y. Lai and C. Turnbull-Sailor. Revisiting the Psychological Reality of Taiwanese Tone Sandhi. The 14th Annual conference of the international Association of Chinese Linguistics & 10th International Symposium on Chinese Language and Linguistics Joint Meeting. Academia Sinica, Taipei, Taiwan. May 2006.
- Zhang, J., Y. Lai and C. Turnbull-Sailor. Wug-Testing the "Tone Circle" in Taiwanese. Paper presented at the 25th West Coast Conference on Formal Linguistics (WCCFL 25) Seattle, Washington May 2006.
- Tse, H. and Y. Lai. The Phonetics and Phonology of Tone and VOT in Cantonese. The 11th annual Midcontinental Workshop on Phonology (MCWOP 11). University of Michigan. Nov. 2005.
- Lai, Y. and A. Jongman. The Effect of Aspiration on Fundamental Frequency in Taiwanese Syllables. The 149th meeting of the Acoustical Society of America (ASA), Vancouver, Canada. May 2005

- Zhang, J. and Y. Lai. Psychological Differences between Natural & Unnatural Tone Sandhi in Mandarin Chinese. Paper presented at annual meeting of the Linguistic Society of America (LSA). Oakland, CA. Jan. 2005.
- Zhang, J. and Y. Lai. The Psychological Reality of Mandarin Tone Sandhi. Invited talk. University of Hawaii, Manoa. June 2004.
- Lai, Y. The Effect of Aspiration on Fundamental Frequency in Taiwanese syllables. Paper presented at 16th North American Conference on Chinese Linguistics (NACCL-16). May 2004.
- Zhang, J. and Y. Lai. The Psychological Reality of Mandarin Tone Sandhi. Invited presentation at “Redefining Elicitation: Novel Data in Phonological Theory” workshop at NYU. Apr. 2004.
- Jongman, A., Y. Lai and C. Moore. Language-specific Effects in Speaker and Rate Normalization. The 143rd meeting of the Acoustical Society of America (ASA). Pittsburgh, PA. June 2002.