

YUWEN LAI

賴郁雯

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PROFESSIONAL APPOINTMENT

Aug 2009 - present Assistant Professor. Dept. of Foreign Languages and Literatures.
National Chiao-Tung University, Hsin Chu, Taiwan.

July 2008 - Jun 2009 Postdoctoral Teaching Fellow. Dept. of Linguistics, University of
British Columbia, Vancouver, Canada.

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.

AREAS OF INTEREST

Phonetics, Phonetics-Phonology interface, Psycholinguistics, Second language acquisition,
Tone language, Computer-assisted language learning.

HONORS/AWARDS

- 2012 Distinguished Undergraduate Mentor Award, NCTU.
- 2010 Outstanding Undergraduate Mentor Award, NCTU.
- 2009 Paper featured in press release for the 157th Acoustical Society of America Meeting, Portland, Oregon.
- 2006 Outstanding Graduate Teaching Assistant Award, KU.
- 2005 Fellowship for attending Summer Institute at MIT, Linguistic Society of America.
- 2005 Frances Ingemann Scholarship, Dept. Linguistics, KU.
- 2005 Student travel subsidy to the 149th meeting, Acoustical Society of America.
- 2003 Erasmus Award, Dept. of Linguistics, 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.

GRANTS**External**

- 2013 Aug – present “Aspiration Perturbation in Taiwanese”. National Science Council. 102-2410-H-009-017, PI \$16,700.

- 2010 Nov -2012 April “A Cross-Linguistic Study on Aspiration and Tone”. National Science Council. 99-2410-H-009-075 \$16,000.

Internal

- 2011 Aug -2012 July. “Cross-Language Production and Perception of Mandarin Tone”. Research Center for Humanity and Social Science (人社中心), NCTU. PI \$10,000
- 2010 General Research Fund. College of Humanities and Social Science, NCTU. PI \$3,000
- 2009-2010 “High-variability training in Mandarin tone learning”. College of Humanities and Social Science (重點優勢計畫), NCTU. PI \$5,000

PUBLICATIONS

- Zhang, J., Y. Lai, and C. Sailor (submitted). Opacity, phonetics, and frequency in Taiwanese tone sandhi. Under revision at *Natural Language and Linguistic Theory*.
- Zhang, J., Y. Lai, and Craig Sailor (2011). Modeling Taiwanese speakers’ knowledge of tone sandhi in reduplication. *Lingua* 121.2: 181-206.
- Zhang, J. and Y. Lai (2010). Testing the role of phonetic knowledge in Mandarin tone sandhi. *Phonology* 27.1: 153-201.

- Lai, Y. (2011). *Cross-Language Production and Perception: Mandarin Tone to English Stress*. VDM Publishing, Germany.
- Lai, Y., C. Huff, J. Sereno and A. Jongman. (2009). The raising effect of aspirated consonant on F0 in Taiwanese. In *Proceedings of the 2nd International Conference on East Asian Linguistics*, Simon Fraser University Working Papers in Linguistics.
- 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 (2008). Mandarin lexical tone recognition: The gating paradigm. In Emily Tummons and Stephanie Lux (eds.), *Proceedings of the 2007 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

- Chu, Y-C, and Y. Lai. The 13th National Conference on Linguistics. National Dong Hua Uni. Hualien, Taiwan. May 24-25, 2013.
- Lai, Y. and S-H Wu. The effect of segmental makeup on Mandarin word and tone recognition. The 164th Meeting of Acoustical Society of America, Kansas City, Missouri. Oct.22-26, 2012.
- Liatambur, Y. and Y. Lai. High-variability training on Mandarin tones by Russian learners. The 12th National Conference on Linguistics. National Sun Yat-sen Uni. Kaohsiung, Taiwan. Sept 2011.

- Lai, Y., J-I Lin, Z. Zhu, M. Berhardt, J. Stemberger. Acoustical realization of Mandarin by 4-year-old children in Shanghai. 2011 International Child Phonology Conference. York, UK. June 2011
- Lai, and M. Chen. Aspiration and tone. The 162th Meetings of Acoustical Society of America. Seattle Washington. May 2011.
- Hsu, H-C, Y. Lai, and C-L Liu. 「悲傷」之聲情效應—以苗栗四縣客語為例. The 18th Annual Conference of the International Association of Chinese Linguistics (IACL-18) in conjunction with the 22nd North American Conference on Chinese Linguistics (NACCL-22). New York, USA. May 2010.
- Lai, Y., S-D Yeh, J. True, and J. Gleason. Acoustic analyses of two undocumented sound patterns in the *Drosophila suzukii* and *D. takahashii* species subgroups. The 157th meeting of the Acoustical Society of America, Portland Oregon. May 2009.
- Lai, Y. and J. Zhang. The roles of tone and syllable structure in Mandarin spoken word recognition. The 157th meeting of the Acoustical Society of America, Portland Oregon. May 2009.
- 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
- 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.

OTHER PRESENTATIONS

Zhang, J. and Y. Lai (2008). *Phonological knowledge beyond the lexicon in Taiwanese double reduplication*. Linguistics Colloquy, University of Kansas, Lawrence, KS.

Zhang, J. and Y. Lai (2004). *The psychological reality of tone sandhi in Mandarin*. Linguistics Colloquy, University of Kansas, Lawrence, KS.

INVITED TALKS

Lai, Y. (2013). *Prosody in Language Processing*. Institute of Cognitive Neuroscience. National Central University (中央大學), Jhongli, Taiwan.

Lai, Y. (2012). *跨界人生 Entomology, Linguistics and Beyond*. Dept. of Life Science, Chinese Culture University (文化大學). Taipei, Taiwan.

Lai, Y. (2011). *從“Paris”談語音學*. Dept. of English, Shih Hsin University (世新大學). Taipei, Taiwan.

Lai, Y. (2010). *Computer-Assisted Language Learning*. Dept. of Applied Foreign Languages. Minghsin University of Science and Technology (明新科技大學). Hsinchu, Taiwan.

Lai, Y. (2009). *Cross-language production and perception of prosodic cues*. Northwest Linguistics Conference. UBC, Vancouver, Canada. (Plenary speaker)

PROFESSIONAL ORGANIZATIONS

Acoustical Society of Canada, Acoustical Society of America, Linguistic Society of America, Linguistic Society of Taiwan

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.

JOURNAL AND CONFERENCE REVIEW

2013 Taiwan Journal of Linguistics, National Conference in Linguistics

2012 Taiwan Journal of Linguistic

2011 Language and Speech, Taiwan Journal of Linguistic

2009 Taiwanese Journal of Linguistics

2008 Journal of Acoustical Society of America

LANGUAGES

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

Moderate: Classical Chinese, Japanese and Taiwan Sign Language

ACADEMIC LEADERSHIP AND SERVICE

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.

TEACHING EXPERIENCES

• Courses taught at NCTU 2009-present. Assistant Professor

Undergraduate program

Introduction to Linguistics I

Phonetics and Phonology

Computer-Assisted Language Learning

Special Topics in Linguistics

Freshman English

English Composition II

Graduate program

Phonetics

Psycholinguistics

Research Methods in Experimental Linguistics

• Courses taught at UBC 2008-2009. Postdoctoral Teaching Fellow

Languages and Linguistics

Languages of the World

Research Methods in Speech Production and Perception.

• Courses taught at KU 2001-2008.

Language and Mind. Linguistics Dept. Teaching Assistant.

Introductory Linguistics. Linguistics Dept. Instructor.

Language and Mind. Linguistics Dept. Teaching Assistant.

Elementary and Intermediate Chinese. East Asian Language and Culture. Teaching Assistant.

• Courses taught at NTU 1997-1998

Introductory Entomology. Dept. of Plant Pathology and Entomology. Teaching Assistant.

MA THESIS CHAIR (NCTU)

Completed

- I-Chia Huag/黃怡嘉 (2010 Spring)
- Chia-Ling Liu/劉佳玲(co-chair) (2010 Spring)
- Bo-Hung Lu/盧柏宏(co-chair) (2010 Spring)
- Jun-I Lin/林郡儀 (2011 Spring)
- Michi Cheng/陳米琪 (2011 Spring)
- Sheng-Hong Wu/吳聲弘(2012 Spring)
- Hui-Ting Huang/黃慧婷(2013 Spring)

In progress

- Yu-Ying Chu/朱育瑩
- Ling-Yue Cheng/鄭聆月
- Jin-Yiang L/李金鶯
- Zhao-De Li/林釗德