

# JANICE FON

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## EDUCATION

Ph.D. Department of Linguistics, The Ohio State University, USA 2002  
Dissertation:  
M.A. Graduate Institute of Linguistics, National Taiwan University, Taiwan 1997  
B.A. Foreign Languages and Literatures, National Taiwan University, Taiwan 1994

## PROFESSIONAL EMPLOYMENT

Joint appointment, Center for Artificial Intelligence and Advanced Robotics 2017/06 – present  
Chair, Graduate Institute of Linguistics, National Taiwan University 2015/08 – 2018/07  
Joint appointment, Graduate Institute of Brain and Mind Sciences, National Taiwan University 2011/08 – present  
Associate Professor, Graduate Institute of Linguistics, National Taiwan University, Taiwan 2010/08 – present  
Joint appointment, Neurobiology and Cognitive Science Center, National Taiwan University 2005/10 – present  
Assistant Professor, Graduate Institute of Linguistics, National Taiwan University, Taiwan 2005/08 – 2010/07  
Adjunct appointment, Department of Speech and Hearing Disorders & Sciences, National Taipei College of Nursing 2006/01 – 2008/01  
Assistant Professor, Linguistics Division, Department of English, National Taiwan Normal University, Taiwan 2002/08 – 2005/07

## PUBLICATIONS

### Referred Journal Articles

Chuang, Y.-Y. & **Fon, J.** (2018). The effect of speaker gender and talker proficiency on

the realization of Taiwan Min /dz/ among young speakers. *Lingua Sinica*, 4(1).  
<https://doi.org/10.1186/s40655-017-0033-4>

- Chuang, Y.-Y. & **Fon, J.** (2017). On the dialectal variations of voiced sibilant /dz/ in Taiwan Min young speakers. *Lingua Sinica*, 3(1). <https://doi.org/10.1186/s40655-016-0016-x>
- Fon, J.,\*** Hung, J.-m., Huang, Y.-H, & Hsu, H.-j. (2011). Dialectal variations on syllable-final nasal mergers in Taiwan Mandarin. *Language and Linguistics*, 12(2), 273–311.
- Fon, J.,\*** Johnson, K., & Chen, S. (2011). Durational patterning at syntactic and discourse boundaries in Mandarin spontaneous speech. *Language and Speech*, 54(1), 5–32.
- Fon, J.,\*** Chiang, W.-Y., & Cheung, H. (2004). Production and perception of two dipping tones (T2 and T3) in Taiwan Mandarin. *Journal of Chinese Linguistics*, 32(2), 249–280.
- Fon, J.\*** & Johnson, K. (2004). Syllable onset intervals as an indicator of discourse and syntactic boundaries in Taiwan Mandarin. *Language and Speech*, 47(1), 57–82.
- Fon, J.\*** & Chiang, W.-Y. (1999). What does Chao have to say about tones? –A case study of Taiwan Mandarin. *Journal of Chinese Linguistics*, 27(1), 15–37.

### Book chapters

- Fon, J.** (Ed.) (forthcoming). *Cognitive Linguistics Research: Dimensions of Diffusion and Diversity* (Series Eds.: Dirk Geeraerts, Dagmar Divjak, & John R. Taylor). De Gruyter Mouton.
- Fon, J.\*** (forthcoming). Production and perception of Mandarin speech: The standard and the variants. In H.-M. Liu, F.-M. Tsao, & P. Li (Eds.) *Speech Perception, Production and Acquisition - Multidisciplinary Approaches in Chinese language*. Springer.
- Fon, J.\*** (2017). Speech Perception. In R. Sybesma, W. Behr, Y. Gu, Z. Handel, C.-T. J. Huang, & J. Myers (Eds.) *Encyclopedia of Chinese Language and Linguistics, Vol.4* (pp.177-181). Leiden, Netherlands: Brill.
- Chen, S. & **Fon, J.\*** (2009). How levels of consonantal similarity interact with vocalic information in L1-L2 Consonant-/i/ syllabic identification. In *Current Issues in Unity and Diversity of Languages* (pp. 1034–1044). Seoul: The Linguistic Society of Korea.
- Fon, J.\*** & Hung, J.-m. (2009). Dialectal variations on the syllable-final nasal merger in Taiwan Mandarin. In *Current Issues in Unity and Diversity of Languages* (pp. 3330–3349). Seoul: The Linguistic Society of Korea.
- Fon, J.\*** & Hsu, H. (2007). Positional and phonotactic effects on the realization of dipping tones in Taiwan Mandarin. In A. Lahiri (Series Ed.), C. Gussenhoven & T. Riad (Vol. Eds.), *Phonology and Phonetics, Tones and Tunes: Vol. 2. Phonetic and behavioural studies in word and sentence prosody* (pp. 239–269). Berlin: Mouton de Gruyter.

**Fon, J.** (2005). Exchange rhythm in Singapore English in a cross-cultural context. In D. Deterding, A. Brown, & E. L. Low (Eds.), *English in Singapore: Phonetic research on a corpus* (pp. 126–137). McGraw-Hill Education (Asia).

### **Peer-reviewed Conference Proceedings**

**Fon, J.\*** & Chuang, Y. (2017). How variations in syllable-final nasals affect word recognition in Taiwan Mandarin. *Proceedings of the 31<sup>st</sup> General Meeting of the Phonetic Society of Japan*, 120-125.

Chuang, Y. & **Fon, J.\*** (2016). Production and perception of incredulity in yes-no question intonation in Taiwan Mandarin. *Proceedings of the 8<sup>th</sup> International Conference on Speech Prosody 2016*, 854-858.

Chuang, Y.-Y., Wang, S.-F., & **Fon, J.\*** (2015). Cross-linguistic interaction between two voiced fricatives in Mandarin-Min simultaneous bilinguals. *Proceedings of the 18<sup>th</sup> International Congress of Phonetic Sciences*.

Wang, S.-F. & **Fon, J.\*** (2015). Syllable duration and discourse organization at intonational phrase boundaries in Taiwan Southern Min. *Proceedings of the 18<sup>th</sup> International Congress of Phonetic Sciences*.

Lin, H.-Y. & **Fon, J.\*** (2012). Prosodic and acoustic features of emotional speech in Taiwan Mandarin. *Proceedings of the 6<sup>th</sup> International Conference on Speech Prosody*, 450–453.

Wang, S.-F. & **Fon, J.\*** (2012). Durational cues at discourse boundaries in Taiwan Southern Min. *Proceedings of the 6<sup>th</sup> International Conference on Speech Prosody*, 599–602.

Huang, Y.-H., Wu, E.-c. & **Fon, J.\*** (2012). The effect of Min proficiency on production and perception of tones in Taiwan Mandarin. *Proceedings of 6<sup>th</sup> International Conference on Speech Prosody*, 637–640.

Lin, H.-Y. & **Fon, J.\*** (2011). The prosodic and acoustic features of emotional speech in Taiwan Mandarin. *Proceedings of 2011 International Conference on Service and Interactive Robots*, No.1070.

Huang, Y.-H. & **Fon, J.\*** (2011). Investigating the effect of Min on dialectal variations of Mandarin tonal realization. *Proceedings of the 17<sup>th</sup> International Congress of Phonetic Sciences*, 918–921.

Chen, S. & **Fon, J.\*** (2011). Prosodic features of non-native English production. *Proceedings of the 17<sup>th</sup> International Congress of Phonetic Sciences*, 456–459.

Wang, S.-F. & **Fon, J.\*** (2011). Exploring boundary tones in Taiwan Southern Min. *Proceedings of the 17<sup>th</sup> International Congress of Phonetic Sciences*, 2094–2097.

Chuang, Y.-Y. & **Fon, J.\*** (2011). Cross-dialectal perception of voiceless dental and retroflex sibilant variants in Taiwan Mandarin. *Proceedings of the 17<sup>th</sup> International*

- Congress of Phonetic Sciences*, 496–499.
- Lin, H.-Y. & **Fon, J.\*** (2011). The role of pitch reset in perception at discourse boundaries. *Proceedings of the 17<sup>th</sup> International Congress of Phonetic Sciences*, 1242–1245.
- Chen, M.-H., Goldman, J.-P., Pan, H.-h., & **Fon, J.** (2011). Taiwan Min EasyAlign: an automatic phonetic alignment tool under Praat. *Proceedings of the Workshop on New Tools and Methods for Very-Large-Scale Phonetics Research*, 109–112.
- Lin, H.-Y. & **Fon, J.\*** (2010). Perception of temporal cues at discourse boundaries. *Proceedings of The 10<sup>th</sup> Annual Meeting of the Japanese Cognitive Linguistics Association*, 10, 670–673.
- Lin, H.-Y. & **Fon, J.\*** (2010). Perception on pitch reset at discourse boundaries. *Proceedings of Interspeech 2010*, 1225–1228.
- Chuang, Y.-Y. & **Fon, J.\*** (2010). The effect of prosodic prominence on the realizations of voiceless dental and retroflex sibilants in Taiwan Mandarin spontaneous speech. *Proceedings of the 5<sup>th</sup> International Conference on Speech Prosody*, No. 100414.
- Wu, E.-C. & **Fon, J.\*** (2010). The effect of Min proficiency on the realization of Mandarin tones in Mandarin-Min bilinguals. *Proceedings of the 5<sup>th</sup> International Conference on Speech Prosody*, No. 100420.
- Chen, S. & **Fon, J.\*** (2010). A corpus-based study on prosodic grouping and boundary tones in Mandarin learners' English. *Proceedings of the 5<sup>th</sup> International Conference on Speech Prosody*, No. 100175.
- Lin, H.-Y. & **Fon, J.\*** (2009). Perception of temporal cues at discourse boundaries. *Handbook of The 10<sup>th</sup> Annual Meeting of the Japanese Cognitive Linguistics Association*, 3–6.
- Huang, Y.-H. & **Fon, J.\*** (2009). Dialectal variations on the realization of high tonal targets for focused and non-focused syllables in Taiwan Mandarin [Abstract]. *The Journal of the Acoustical Society of America*, 126(4), Pt.2, 2162.
- Chen, S., **Fon, J.**, & Cheung, H.\* (2009). Do they read aloud in a different way? A glimpse on the prosodic features of corpus-based second language spoken English [Abstract]. *The Journal of the Acoustical Society of America*, 126(4), Pt.2, 2312.
- Lin, H.-Y. & **Fon, J.\*** (2009). Perception of temporal cues at discourse boundaries. *Proceedings of Interspeech 2009*, 808–811.
- Wu, E.-C. & **Fon, J.\*** (2008). Pitch production by bilingual Mandarin-Min speakers and monolingual Mandarin speakers in speaking Taiwan Mandarin and Min [Abstract]. *The Journal of the Acoustical Society of America*, 123 (5), Pt.2, 3740.
- Chuang, Y.-Y. & **Fon, J.\*** (2008). An acoustic study on voiceless retroflex and dental sibilants of young native Min speakers in Taiwan Mandarin [Abstract]. *The Journal of the Acoustical Society of America*, 123 (5), Pt.2, 3077.
- Chen, S., Shen, W.-c., Sung, L.-M. & **Fon, J.\*** (2008). How prosody correlates with syntax:

- An observation on Sakizaya, an endangered Formosan language [Abstract]. *The Journal of the Acoustical Society of America*, 123 (5), Pt.2, 3461.
- Huang, Y.-H. & **Fon, J.\*** (2008). Dialectal variations in tonal register and declination pattern of Taiwan Mandarin. In P. A. Barbosa, S. Madureira, & C. Reis (Eds.), *Proceedings of the 4<sup>th</sup> International Conference on Speech Prosody*, 605–608.
- Chen, S. & **Fon, J.\*** (2008). The peak alignment of prenuclear and nuclear accents among advanced L2 English learners. In P. A. Barbosa, S. Madureira, & C. Reis (Eds.), *Proceedings of the 4<sup>th</sup> International Conference on Speech Prosody*, 643–646.
- Chuang, Y.-Y., Huang, Y.-H., & **Fon, J.\*** (2007). The effect of incredulity and particle on the intonation of yes/no questions in Taiwan Mandarin. In J. Trouvain & W. J. Barry (Eds.), *Proceedings of the 16<sup>th</sup> International Congress of Phonetic Sciences*, 1261–1264.
- Fon, J.\***, Hsu, H.-j., Huang, Y.-H., & Chen, S. (2007). The effect of onset and position in the realization of Tone 1 in two dialects of Taiwan Mandarin. In J. Trouvain & W. J. Barry (Eds.), *Proceedings of the 16<sup>th</sup> International Congress of Phonetic Sciences*, 1297–1300.
- Huang, Y.-H. & **Fon, J.\*** (2007). The effect of acquisition order and word relatedness on code-switching in balanced bilingual speakers. In J. Trouvain & W. J. Barry (Eds.), *Proceedings of the 16<sup>th</sup> International Congress of Phonetic Sciences*, 1577–1580.
- Chen, S. & **Fon, J.\*** (2007). The effects of phonetic distance, learning context and learner proficiency on L2 perception. In J. Trouvain & W. J. Barry (Eds.), *Proceedings of the 16<sup>th</sup> International Congress of Phonetic Sciences*, 1721–1724.
- Chen, S. & **Fon, J.\*** (2007). The effect of phonetic similarity on L2 speakers in discerning L1 and L2 consonants [Abstract]. *The Journal of the Acoustical Society of America*, 121 (5), Pt. 2, 3073–3074.
- Huang, Y.-H. & **Fon, J.\*** (2007). Asymmetrical costs of code-switching in Mandarin-Min bilingual speakers [Abstract]. *The Journal of the Acoustical Society of America*, 121(5), Pt. 2, 3072.
- Hung, R. & **Fon, J.\*** (2007). When is a phonological rule acquired?—A look at children’s production on syllable-final nasals in Taiwan Mandarin [Abstract]. *The Journal of the Acoustical Society of America*, 121 (5), Pt. 2, 3170.
- Chen, S. & **Fon, J.\*** (2006). Context really matters!—The influence of input types on L2 speakers’ perception of English liquids [Abstract]. *The Journal of the Acoustical Society of America*, 120 (5), Pt. 2-2, 3173.
- Hung, R. & **Fon, J.\*** (2006). When is a phonological rule acquired? A look at children’s production on syllable-final nasals in Taiwan Mandarin [Abstract]. *The Journal of the Acoustical Society of America*, 120 (5), Pt. 2-2, 3133.
- Lin, H.-Y.\*, Tse, K. P. J., **Fon, J.** (2006). An acoustic study on the paralinguistic prosody in

- the politeness talk in Taiwan Mandarin. *Proceedings of the International Speech Communication Association Tutorial and Research Workshop on Experimental Linguistics*, 173–176.
- Chen, S.\* & **Fon, J.** (2006). Context matters! – The influence of listening materials on L2 speakers' performance of devoiced liquids in English [Abstract]. *The Journal of the Acoustical Society of America*, 119 (5), Pt. 2, 3391.
- Li, N.\*, Lee, C., **Fon, J.**, & Cheung, H. (2006). The error patterns of different nonword repetition tasks in 3-year-old Mandarin-speaking children [Abstract]. *The Journal of the Acoustical Society of America*, 119 (5), Pt. 2, 3392.
- Lin, Y.-j.\* & **Fon, J.** (2006). The effect of tonal information and word frequency on spoken word processing [Abstract]. *The Journal of the Acoustical Society of America*, 119 (5), Pt. 2, 3443.
- Fon, J.** (2006). Shape display: Task design and corpus collection. *Proceedings of the 3<sup>rd</sup> International Conference on Speech Prosody*, PS5-32-181.
- Fon, J.** (2006). Cross-dialectal turn exchange rhythm in English interviews. *Proceedings of the 3<sup>rd</sup> International Conference on Speech Prosody*, PS4-16-179.
- Fon, J.** (2005). Turn exchange rhythm in English dialogues [Abstract]. *The Journal of the Acoustical Society of America*, 118 (3), Pt. 2, 2033–2034.
- Chen, S.\* & **Fon, J.** (2005). To play or to pray?--The influences of initial exposure age and environment on perception of Mandarin speakers of English on devoiced liquids [Abstract]. *The Journal of the Acoustical Society of America*, 118 (3), Pt. 2, 1898–1899.
- Fon, J.\*** & Hsu, H. (2004). Positional and Phonotactic Effects on the Realization of Taiwan Mandarin Tone 2. *Proceedings of Interspeech 2004 — the 8<sup>th</sup> International Conference on Spoken Language Processing*, 395–398.
- Fon, J.** (2004). An old question but a new answer: doing phonetics can be easy. *Proceedings of the 2<sup>nd</sup> Linguistics Research Methods Workshop*, 67–71.
- Fon, J.** (2004). Perception of discourse boundaries by Taiwan Mandarin Speakers. *Proceedings of the 2<sup>nd</sup> International Conference on Speech Prosody*, 709–712.
- Fon, J.** (2004). A cross-linguistic study of discourse and syntactic boundary cues in spontaneous speech in the time domain. *Proceedings of the 1<sup>st</sup> Session of the 10<sup>th</sup> International Symposium on Spontaneous Speech: Data and Analysis*, 1–27.
- Yoneyama, K.\*, **Fon, J.**, & Koiso, H. (2003). Durational and prosodic patterning at discourse boundaries in Japanese spontaneous monologs. *Proceedings of the 15<sup>th</sup> International Congress of Phonetic Sciences*, 2637–2640.
- Yoneyama, K.\*, Koiso, H., & **Fon, J.** (2003). A corpus-based analysis on prosody and discourse structure in Japanese spontaneous monologues. *Proceedings of the ISCA & IEEE Workshop on Spontaneous Speech Processing and Recognition*, 27–30.
- Koiso, H.\*, Yoneyama, K., Maki, Y., & **Fon, J.** (2003). An analysis of prosodic and

- discourse structure in the Corpus of Spontaneous Japanese. *Proceedings of the Japanese Society for Artificial Intelligence: Special Interested Group Notes, 37<sup>th</sup> Meeting of Spoken Language Understanding and Dialog Processing, A203-P17*, 139–144.
- Fon, J.** (2002). A cross-linguistic study on discourse and syntactic boundary cues in spontaneous speech: using duration as an example. *Proceedings of the 3<sup>rd</sup> International Symposium on Chinese Spoken Language Processing*, 379–382.
- Cheung, H.\* & **Fon, J.** (2002). The construction of classifier system in Mandarin Chinese. In Y. E. Hsiao (Ed.), *Proceedings of 1<sup>st</sup> Cognitive Linguistics Conference*, 425–439.
- Fon, J.\*** & Johnson, K. (2001). A cross-linguistic study on discourse and syntactic boundary cues in speech [Abstract]. *The Journal of the Acoustical Society of America*, 109(5), Pt. 2, 2475.
- Fon, J.\*** & Johnson, K. (2000). Speech timing patterning as an indicator of discourse and syntactic boundaries. *Proceedings of 6<sup>th</sup> International Conference on Spoken Language Processing*, 2, 555–558.
- Fon, J.** (1999). Speech rate as a reflection of variance and invariance in conceptual planning in storytelling. *Proceedings of 14<sup>th</sup> International Congress of Phonetics Sciences*, 663–666.
- Fon, J.** (1998). Variance and invariance in speech rate as a reflection of conceptual planning. *Proceedings of 5<sup>th</sup> International Conference on Spoken Language Processing*, 7, 3095–3098.

### Other Publications

- Fon, J.** (2015). Factors affecting the realization of incompletely phonologized rules in spontaneous speech--using the syllable-final nasal merger in Taiwan Mandarin as an example. National Science Council technical report. [NSC102-2410-H-002-081-].
- Fon, J.** (2013). A family of intelligent service robots in a next generation office building (III). National Science Council technical report. [NSC101-2221-E-002-118-].
- Fon, J.** (2013). Discourse boundary cues in Mandarin-Min bilinguals. National Science Council technical report [NSC99-2410-H-002-222-MY3].
- Fon, J.** (2012). A family of intelligent service robots in a next generation office building (II). National Science Council technical report [NSC100-2221-E-002-095-].
- Fon, J.** (2012). The impact of phonetic variation on phone cognition in spontaneous speech—Speech corpus construction and application. *Humanities and Social Sciences Newsletter Quarterly*, 13(3), 131–143.
- Fon, J.** (2011). A corpus-based study on production and perception of emotion acoustics in robot users. National Science council technical report [NSC99-2221-E-002-204-].
- Fon, J.** (2010). Mandarin tonal production and perception in monolingual and bilingual speakers. National Science Council technical report [NSC97-2628-H-002-112-MY2].

- Fon, J.** (2008). The effect of gender and familiarity on exchange intervals in Mandarin and Min conversations using medium-sized spontaneous dialog speech corpora. National Science Council technical report [NSC96-2411-H-002-080-].
- Fon, J.** (2007). The effect of region and genre on pitch range of Tone 1 in Taiwan Mandarin. National Science Council technical report [NSC95-2411-H-002-046-].
- Chen, S. & **Fon, J.\*** (2006). The effect of phonetic similarity on L2 speakers' accuracy in discerning L1 and L2 consonants. In L. W.-l. Lu & I. S. Huang (Eds.), *National Taiwan University Working Papers in Linguistics*, 9, 1–12.
- Fon, J.** (2006). A study on English exchange rhythm in a cross-cultural context. National Science Council technical report [NSC94-2411-H-002-103-].
- Chen, S. & **Fon, J.\*** (2005). When early age acquisition meets language transfer—a close look at the duration ratio of English word-initial consonant clusters. In M. Y.-t. Yeh (Ed.), *National Taiwan University Working Papers in Linguistics*, 8, 227–239.
- Fon, J.** (2005). A study on tonal convergence of Tone 2 and Tone 3 in Taiwan Mandarin. National Science Council technical report [NSC93-2411-H-003-072-].
- Fon, J.** (2004). A preliminary construction of Taiwan Southern Min spontaneous speech corpus. National Science Council technical report [NSC-92-2411-H-003-050-].
- Fon, J.** (2003). Perceptibility of discourse boundaries in divergent languages. National Science Council technical report [NSC-91-2411-H-003-065-].

## AWARDS AND HONORS

- |         |   |
|---------|---|
| 2018/08 | National Taiwan University Award for Outstanding Faculty (彈薪)                             |
| 2012/09 | National Taiwan University Award for Excellence in Research Performance                   |
| 2012/03 | Distinguished Mentor Award, Graduate Institute of Linguistics, National Taiwan University |
| 2012/03 | National Taiwan University Award for Teaching Excellence                                  |
| 2010/10 | National Science Council Award for Excellence in Research                                 |
| 2009/08 | National Science Council Ta-You Wu Memorial Award   |
| 2008/08 | National Science Council Young Researcher Award   |
| 2007/03 | Departmental Distinguished Teaching Award   |



## GRANTS AND FUNDING

### Research Grants

- 2018/08 – 2021/07 A study on the role of sibilant variation in Taiwan Mandarin and Min sentence processing via acoustic, behavioral and ERP Experiments [Ministry of Science and Technology Research Project No. MOST 107-2410-H-002 -136 -MY3]
- 2015/07 – 2018/07 The effect of prosody and speaker group on production and perception of phonetic variation in Taiwan Mandarin [Ministry of Science and Technology Research Project No. MOST104-2410-H-002-160-MY3]
- 2013/08 – 2015/07 Factors affecting the realization of incompletely phonologized rules in spontaneous speech--using the syllable-final nasal merger in Taiwan Mandarin as an example [National Science Council Research Project No. NSC102-2410-H-002-081-]
- 2012/08 – 2013/07 A family of intelligent service robots in a next generation office building (III) [National Science Council Research Project No. NSC101-2221-E-002-118-]
- 2011/08 – 2014/07 A study on discourse boundary cue variations in Taiwan Mandarin users [National Taiwan University Excellence Research Project No. NTU101R7801, NTU101R7801, NTU102R7801, NTU103R7801]
- 2011/09 – 2012/03 Funding for research excellence [College of Liberal Arts, National Taiwan University]
- 2011/08 – 2012/07 A family of intelligent service robots in a next generation office building (II) [National Science Council Research Project No. NSC100-2221-E-002-095-]
- 2010/08 – 2013/07 Discourse boundary cues in Mandarin-Min bilinguals [National Science Council Research Project No. NSC99-2410-H-002-222-MY3]
- 2010/08 – 2011/07 A family of intelligent service robots in a next generation office building: A corpus-based study on production and perception of emotion acoustics in robot users [National Science Council Research Project No. NSC99-2221-E-002-204-]
- 2010/01 – 2010/12 Perception of phonetic segmentation cues in Taiwan Mandarin speakers [National Taiwan University Excellence Research Project No. NTU99R90111]
- 2009/01 – 2009/12 The mechanism underlying syllable-final nasal variations in

- Mandarin spontaneous speech (II) [National Taiwan University Excellence Research Project No. 98R0501-11]
- 2008/08 – 2011/07 The impact of phonetic variation on phone cognition in spontaneous speech—Speech corpus construction and application [National Science Council Center for Humanities Research]
- 2008/08 – 2010/07 Mandarin tonal production and perception in monolingual and bilingual speakers [National Science Council Research Project No. NSC97-2628-H-002-112-MY2]
- 2008/01 – 2008/12 The mechanism underlying syllable-final nasal variations in Mandarin spontaneous speech [National Taiwan University Excellence Research Project No. 97R0501-11]
- 2007/08 – 2008/07 The effect of gender and familiarity on exchange intervals in Mandarin and Min conversations using medium-sized spontaneous dialog speech corpora [National Science Council Research Project No. NSC96-2411-H-002-080-]
- 2006/08 – 2007/07 The effect of region and genre on pitch range of Tone 1 in Taiwan Mandarin [National Science Council Research Project No. NSC95-2411-H-002 -046-]
- 2005/08 – 2006/07 A study on English exchange rhythm in a cross-cultural context [National Science Council Research Project No. NSC94-2411-H-002-103-]
- 2005/08 – 2005/10 Perception of discourse boundary cues [Commission on Research and Development, National Taiwan University]
- 2004/10 – 2005/07 A study on tonal convergence of Tone 2 and Tone 3 in Taiwan Mandarin [Office of Research and Development, National Taiwan Normal University NTNU-ORD93091004]
- 2004/08 – 2005/07 A study on tonal convergence of Tone 2 and Tone 3 in Taiwan Mandarin [National Science Council Research Project No. NSC93-2411-H-003-072-]
- 2003/11 – 2004/07 A preliminary construction of Taiwan Southern Min spontaneous speech corpus [Office of Research and Development, National Taiwan Normal University NTNU-ORD92091003]
- 2003/08 – 2004/07 A preliminary construction of Taiwan Southern Min spontaneous speech corpus [National Science Council Research Project No. NSC92-2411-H-003-050-]
- 2002/11 – 2003/07 Perceptibility of discourse boundaries in divergent languages [Office of Research and Development, National Taiwan Normal University NTNU-ORD91091003]

2002/08 – 2003/07 Perceptibility of discourse boundaries in divergent languages  
[National Science Council Research Project No. NSC91-2411-H-003-065-]

### Teaching Development Grants

2011/09 – 2012/01 Funding for designing English lecture courses: Phonetics & Statistics [College of Liberal Arts, National Taiwan University NTU10R20021]

2011/07 – 2011/12 Web Ranger Service: Funding for designing teaching materials for English Phonetics [College of Liberal Arts, National Taiwan University]

2008/09 – 2009/01 Funding for designing English lecture courses: Phonetics & Statistics [College of Liberal Arts, National Taiwan University NTU97R0501-01]

2008/01 – 2008/06 Funding for Teaching quality improvement in special courses: Phonology [College of Liberal Arts, National Taiwan University NTU97R0079-38]

2007/01 – 2007/06 Funding for Teaching quality improvement in special courses: Statistics [College of Liberal Arts, National Taiwan University NTU96R0078-04]

2006/01 – 2006/06 Funding for designing English lecture courses: Prosodic systems & Psycholinguistics [College of Liberal Arts, National Taiwan University NTU96R0033-01]

### INVITED TALKS

2018 當大象想學麻雀飛翔——淺談台灣英語學習者之韻律特性, Department of Chinese as a Second Language, National Taiwan Normal University, Taipei, Taiwan, June 1.

2017 「2017 科技部人文司 AI 系列：AI の語言世界」學術工作坊—綜合座談：與 Siri 對話嗨一下, The Linguistics Discipline, Department of Humanities, Ministry of Science and Technology, Taipei, Taiwan, October 21.

2017 語言學門扎根研究系列三【北區場次】：學術這條路停看聽—吳大猷獎得主的 Ups and Downs, The Linguistics Discipline, Department of Humanities, Ministry of Science and Technology, Taipei, Taiwan, June 3.

2017 語言學門扎根研究系列一【北區場次】：語言玩很大—語言學博覽會, The

- Linguistics Discipline, Department of Humanities, Ministry of Science and Technology, Taipei, Taiwan, March 11.
- 2012 你怎麼知道人家在想什麼？—談語言學實驗技術。【第五屆語言學沙龍】語言學奇航：語言學與科技的交會, Linguistic Society of Taiwan, Taipei, Taiwan, March 3.
- 2010 What the mouse has taught me about crosslinguistic speech perception. Graduate Institute of Linguistics, National Cheng-chi University, Taipei, Taiwan, May 27.
- 2008 Pre-workshop for *Workshop on Quantitative Methods in Corpus*, Graduate Institute of Linguistics, National Taiwan University, December 13.
- 2008 Dialectal variations on the syllable-final nasal merger in Taiwan Mandarin. National Chiao-Tung University, Hsinchu, Taiwan, December 11.
- 2008 Praat Workshop, Graduate Institute of Linguistics, National Taiwan University, Taipei, Taiwan, November 14.
- 2008 語音分析軟體 Praat 的應用。【第二屆語言學沙龍】2<sup>nd</sup> LST Guide to Your Academic Career: Linguists' Swiss Knife, Linguistic Society of Taiwan, Taipei, Taiwan, March 15.
- 2007 Workshop on Computing in Linguistic Analysis: Praat, Graduate Institute of Linguistics, National Taiwan University, September 29.
- 2005 Seeing structure in sounds - some boundary cues in spontaneous speech. National Taiwan University, Taipei, Taiwan, April 14.
- 2003 Naturalness *vs.* messiness—doing phonetics with spontaneous speech. Linguistics Speaker Series, National Chiao-Tung University, Hsinchu, Taiwan, March 12.
- 2002 A cross-linguistic study of discourse and syntactic boundary cues in spontaneous speech. The Advanced Telecommunications Research Institute International, Kyoto, Japan, August 31.
- 2002 A cross-linguistic study on discourse and syntactic segmentation cues. Academia Sinica, Taipei, Taiwan, May 6.

## CONFERENCE PARTICIPATION

### Invited Presentations

- 2018 An advanced workshop on Praat. NTU-UT Linguistics Festa, Department of Language and Information Sciences, University of Tokyo, March 30 – April 1, Tokyo, Japan.

- 2017 Between David and Goliath: On the effect of accent and phonetic variation on spoken word recognition. Workshop on Phonetics and Phonology, Institute of Linguistics, Academia Sinica, October 23 – 24, Taipei, Taiwan.
- 2014 Stress-induced sibilant variations in Taiwan Mandarin spontaneous speech. Workshop on Phonetics and Phonology, Institute of Linguistics, Academia Sinica, November 20 – 21, Taipei, Taiwan.
- 2012 The effect of prosody and discourse structure on final lengthening in Japanese spontaneous speech. Annual Meeting of the Phonetic Society of Japan, September 29 – 30, Tokyo, Japan.
- 2010 The effect of training on crosslinguistic speech perception. 2010 Workshop on Language at the Interface, October 22, Department of Foreign Languages and Literature, National Sun Yat-sen University.
- 2009 The role of temporal cues in Mandarin boundary perception. International workshop of Encoding and understanding events: A cognitive and typological perspective in the 10<sup>th</sup> Annual Meeting of the Japanese Cognitive Linguistics Association, September 26 – 27, Kyoto, Japan.
- 2008 Pre-workshop for Workshop on Quantitative Methods in Corpus. LST Annual Meeting, December 13, Taipei, Taiwan.
- 2004 An old question but a new answer: doing phonetics can be easy. The 2<sup>nd</sup> Linguistics Research Methods Workshop, May 8, National Chengchi University, Taipei, Taiwan.
- 2002 A cross-linguistic study of discourse and syntactic boundary cues in the pitch domain. Linguistics and Phonetics 2002, September 6, Meikai University, Urayasu, Japan.
- 2002 A cross-linguistic study of discourse and syntactic boundary cues in spontaneous speech. The 10<sup>th</sup> International Symposium on Spontaneous Speech: Data and Analysis, Satellite Workshop of Linguistics and Phonetics 2002, August 29, Tokyo, Japan.

### **Oral Presentations**

- 2018 Prosodic realization of Taiwan EFL learners. The Joint Conference of the 17<sup>th</sup> International Conference on the Processing of East Asian Languages and the 9<sup>th</sup> Conference on Language, Discourse, and Cognition, October 19–21, Taipei, Taiwan
- 2018 The effect of Min dialect and speech genre on the realization of retroflex fricatives in Taiwan Mandarin. The 20<sup>th</sup> International Congress of Linguists, July 2–6, Cape Town, South Africa.
- 2017 Declination patterns of native and nonnative English. The 3<sup>rd</sup> Workshop on

- Second Language Prosody, November 9–10, Bangor, United Kingdom.
- 2017 How variations in syllable-final nasals affect word recognition in Taiwan Mandarin. The 31<sup>st</sup> General Meeting of the Phonetic Society of Japan, September 30 – October 1, Tokyo, Japan.
- 2015 Cross-linguistic interaction between two voiced fricatives in Mandarin-Min simultaneous bilinguals. The 18<sup>th</sup> International Congress of Phonetic Sciences, August 10–14, Glasgow, Scotland, United Kingdom.
- 2015 Syllable duration and discourse organization at intonational phrase boundaries in Taiwan Southern Min. The 18<sup>th</sup> International Congress of Phonetic Sciences, August 10–14, Glasgow, Scotland, United Kingdom.
- 2012 Prosodic and acoustic features of emotional speech in Taiwan Mandarin. The 6<sup>th</sup> International Conference on Speech Prosody, May 22–25, Shanghai, China.
- 2012 Durational cues at discourse boundaries in Taiwan Southern Min. The 6<sup>th</sup> International Conference on Speech Prosody, May 22 – 25, Shanghai, China.
- 2012 The effect of Min proficiency on production and perception of tones in Taiwan Mandarin. The 6<sup>th</sup> International Conference on Speech Prosody, May 22 – 25, Shanghai, China.
- 2011 The prosodic and acoustic features of emotional speech in Taiwan Mandarin. 2011 International Conference on Service and Interactive Robots, November, 25–27, National Chung-Hsing University, Taichung, Taiwan.
- 2011 Cross-dialectal perception of voiceless dental and retroflex sibilant variants in Taiwan Mandarin, August 17 – 21. The 17<sup>th</sup> International Congress of Phonetic Sciences, Hong Kong, China.
- 2009 The role of temporal cues in boundary perception. The 3<sup>rd</sup> Conference on Language, Discourse and Cognition, May 2 – 3, Taipei, Taiwan.
- 2008 How prosody correlates with syntax: An observation on Sakizaya, an endangered Formosan language. The 2<sup>nd</sup> ASA-EAA Joint Conference (Acoustics'08 Paris), June 29 – July 4, Paris, France.
- 2008 How levels of consonantal similarity interact with vocalic information in L1-L2 C/i/ syllabic identification. The 18<sup>th</sup> International Congress of Linguists, July 21 – 26, Seoul, South Korea.
- 2008 Syllable-final nasal merger in Taiwan Mandarin. The 18<sup>th</sup> International Congress of Linguists, July 21 – 26, Seoul, South Korea.
- 2008 Dialectal variations in tonal register and declination pattern of Taiwan Mandarin. The 4<sup>th</sup> International Conference on Speech Prosody, May 6 – 9, Cambinas, Brazil.
- 2008 The peak alignment of prenuclear and nuclear accents among advanced L2 English learners. The 4<sup>th</sup> International Conference on Speech Prosody, May 6

- 9, Cambinas, Brazil.
- 2007 How learning contexts and phonetic distance interact with lexical effect on L2 speakers' perception of English liquids. The 1<sup>st</sup> Conference on Language, Discourse and Cognition, May 18 – 19, Taipei, Taiwan.
- 2007 Production and perception of the Mandarin syllable-final nasal merger in elementary school children. The 1<sup>st</sup> Conference on Language, Discourse and Cognition, May 18 – 19, Taipei, Taiwan.
- 2006 Context matters! – The influence of listening materials on L2 speakers' performance of devoiced liquids in English. The 151<sup>st</sup> Meeting of the Acoustical Society of America, June 5 – 9, Providence, USA.
- 2006 The error patterns of different nonword repetition tasks in 3-year-old Mandarin-speaking children. The 151<sup>st</sup> Meeting of the Acoustical Society of America, June 5 – 9, Providence, USA.
- 2006 The effect of tonal information and word frequency on spoken word processing. The 151<sup>st</sup> Meeting of the Acoustical Society of America, June 5 – 9, Providence, USA.
- 2003 Some cross-linguistic observations from the Asian languages group on Principals of prosodic grouping. Intonation in Language Varieties – AM approaches Workshop, satellite meeting of ICPHS2003, August 3, Barcelona, Spain.
- 2003 A corpus-based analysis on prosody and discourse structure in Japanese spontaneous monologues. The ISCA & IEEE Workshop on Spontaneous Speech Processing and Recognition, April 13 – 16, Tokyo, Japan.
- 2002 Discourse and syntactic boundary cues in Mandarin spontaneous speech—using duration as an example. The 3<sup>rd</sup> International Symposium on Chinese Spoken Language Processing, Satellite of 19<sup>th</sup> International Conference on Computational Linguistics, August 22 – 24, Taipei, Taiwan.
- 2002 The construction of classifier system in Mandarin Chinese. The 1<sup>st</sup> Cognitive Linguistics Conference, January 12 – 13, Taipei, Taiwan.
- 1999 Speech rate as a reflection of variance and invariance in conceptual planning in storytelling. The 14<sup>th</sup> International Congress of Phonetics Sciences, August, 1 – 7, San Francisco, USA.
- 1997 Tonal coarticulation in Taiwan Mandarin. The 6<sup>th</sup> International Conference on Chinese Linguistics, June 19 – 21, Leiden University, Leiden, the Netherlands.
- 1996 Contextual tonal variation in trisyllabic words in Mandarin Chinese. The 8<sup>th</sup> North American Conference of Chinese Linguistics, May 17 – 19, Urbana-Champaign, USA.

### Poster Presentations

- 2018 The realization of nuclear and prenuclear accents in Mandarin learners of English. The Joint Conference of the 17<sup>th</sup> International Conference on the Processing of East Asian Languages and the 9<sup>th</sup> Conference on Language, Discourse, and Cognition, October 19–21, Taipei, Taiwan
- 2017 The effect of visual talker information on the perception and representation of phonetic variations in Taiwan Mandarin. The 11<sup>th</sup> International Conference on Cognitive Science, September 1-3, Taipei, Taiwan.
- 2016 Production and perception of incredulity in yes-no question intonation in Taiwan Mandarin. The 8<sup>th</sup> International Conference on Speech Prosody 2016, May 31-June 3, Boston, USA.
- 2016 Perception of deretroflexion in Taiwan Mandarin: A sociolinguistic aspect. The 4<sup>th</sup> Meeting of the New Ways of Analyzing Variation in Asia-Pacific (NWAV-AP4) Conference, April 22-24, Chiayi, Taiwan.
- 2014 Stress-induced sibilant variations in Taiwan Mandarin spontaneous speech. The 14<sup>th</sup> Conference on Laboratory Phonology, July 25-27, Tokyo, Japan.
- 2014 The effects of age and prosody on the syllable-final nasal mergers in Taiwan Mandarin spontaneous speech. The International Symposium on Prosody to Commemorate Gösta Bruce, June, 2-3, Lund, Sweden.
- 2014 The effect of prosody and dialectal variations on syllable-final nasal mergers in Taiwan Mandarin spontaneous speech. The International Symposium on Prosody to Commemorate Gösta Bruce, June 2-3, Lund, Sweden.
- 2013 A Taiwan Southern Min spontaneous speech corpus for discourse prosody. Tools and Resources for the Analysis of Speech Prosody, August 30, Aix-en-Provence, France.
- 2012 The effects of context and Min dialect on the realizations of /z/ variants in Taiwan Mandarin. The 2<sup>nd</sup> Workshop on Sound Change, May 2 – 4, Kloster Seeon, Germany.
- 2011 Prosodic features of non-native English production. The 17<sup>th</sup> International Congress of Phonetic Sciences, August 17 – 21, Hong Kong, China.
- 2011 Investigating the effect of Min on dialectal variations of Mandarin tonal realization. The 17<sup>th</sup> International Congress of Phonetic Sciences, August 17 – 21, Hong Kong, China.
- 2011 Exploring boundary tones in Taiwan Southern Min. The 17<sup>th</sup> International Congress of Phonetic Sciences, August 17 – 21, Hong Kong, China.
- 2011 The role of pitch reset in perception at discourse boundaries. The 17<sup>th</sup> International Congress of Phonetic Sciences, August 17 – 21, Hong Kong,



- China.
- 2011 Taiwan Min EasyAlign: an automatic phonetic alignment tool under Praat. The Workshop on New Tools and Methods for Very-Large-Scale Phonetics Research, January 28 – 31, Philadelphia, USA.
- 2010 Perception on pitch reset at discourse boundaries. Interspeech 2010, September 26 – 30, Makuhari, Japan.
- 2010 The effect of prosodic prominence on the realizations of voiceless dental and retroflex sibilants in Taiwan Mandarin spontaneous speech. The 5<sup>th</sup> International Conference on Speech Prosody, May 10 – 14, Chicago, USA.
- 2010 The effect of Min proficiency on the realization of Mandarin tones in Mandarin-Min bilinguals. The 5<sup>th</sup> International Conference on Speech Prosody, May 10 – 14, Chicago, USA.
- 2010 A corpus-based study on prosodic grouping and boundary tones in Mandarin learners' English. The 5<sup>th</sup> International Conference on Speech Prosody, May 10 – 14, Chicago, USA.
- 2009 Effects of dialect and focus on the high falling tone in Taiwan Mandarin. The 158<sup>th</sup> Meeting of the Acoustical Society of America, October 26 – 30, San Antonio, USA.
- 2009 A corpus-based study on prosodic groupings and boundary tones in Mandarin learners' English. The 158<sup>th</sup> Meeting of the Acoustical Society of America, October 26 – 30, San Antonio, USA.
- 2009 Perception of temporal cues at discourse boundaries. Interspeech 2009, September 6 – 10, Brighton, UK.
- 2008 An acoustic study on retroflex and dental sibilants in Taiwan Mandarin. The 2<sup>nd</sup> ASA-EAA Joint Conference (Acoustics'08 Paris), June 29 – July 4, Paris, France.
- 2008 A corpus-based study of the ToBI annotation conventions in Taiwan Mandarin. The 4<sup>th</sup> International Conference on Speech Prosody, May 6 – 9, Cambinas, Brazil.
- 2007 The effect of incredulity and particle on the intonation of yes/no questions in Taiwan Mandarin. The 16<sup>th</sup> International Congress of Phonetic Sciences, August 6 – 10, Saarbrücken, Germany.
- 2007 The effect of onset and position in the realization of Tone 1 in two dialects of Taiwan Mandarin. The 16<sup>th</sup> International Congress of Phonetic Sciences, August 6 – 10, Saarbrücken, Germany.
- 2007 The effect of acquisition order and word relatedness on code-switching in balanced bilingual speakers. The 16<sup>th</sup> International Congress of Phonetic Sciences, August 6 – 10, Saarbrücken, Germany.

- 2007 The effects of phonetic distance, learning context and learner proficiency on L2 perception. The 16<sup>th</sup> International Congress of Phonetic Sciences, August 6 – 10, Saarbrücken, Germany.
- 2007 The effect of phonetic similarity on L2 speakers in discerning L1 and L2 consonants. The 153<sup>rd</sup> Meeting of the Acoustical Society of America, June 4 – 8, Salt Lake City, USA.
- 2007 Asymmetrical costs of code-switching in Mandarin-Min bilingual speakers. The 153<sup>rd</sup> Meeting of the Acoustical Society of America, June 4 – 8, Salt Lake City, USA.
- 2007 When is a phonological rule acquired?—A look at children’s production on syllable-final nasals in Taiwan Mandarin. The 153<sup>rd</sup> Meeting of the Acoustical Society of America, June 4 – 8, Salt Lake City, USA.
- 2006 Context really matters – the influence of input types on L2 speakers’ perception of English liquids. The 152<sup>nd</sup> Meeting of the Acoustical Society of America/4<sup>th</sup> Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, November 28 – December 2, Honolulu, USA.
- 2006 When is a phonological rule acquired? A look at children’s production on syllable-final nasals in Taiwan Mandarin. The 152<sup>nd</sup> Meeting of the Acoustical Society of America/4<sup>th</sup> Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, November 28 – December 2, Honolulu, USA.
- 2006 An acoustic study on the paralinguistic prosody in the politeness talk in Taiwan Mandarin. The International Speech Communication Association Tutorial and Research Workshop on Experimental Linguistics, August 28 – 30, Athens, Greece.
- 2006 Shape display: Task design and corpus collection. The 3<sup>rd</sup> International Conference on Speech Prosody, May 2 – 5, Dresden, Germany.
- 2006 Cross-dialectal turn exchange rhythm in English interviews. The 3<sup>rd</sup> International Conference on Speech Prosody, May 2 – 5, Dresden, Germany.
- 2005 Turn exchange rhythm in English dialogues. The 150<sup>th</sup> Meeting of the Acoustical Society of America/The National Conference on Noise Control Engineering 2005, October 17 – 21, Minneapolis, USA.
- 2005 To play or to pray?--The influences of initial exposure age and environment on perception of Mandarin speakers of English on devoiced liquids. The 150<sup>th</sup> Meeting of the Acoustical Society of America/The National Conference on Noise Control Engineering 2005, October 17 – 21, Minneapolis, USA.
- 2005 When early acquisition meets language transfer: Looking at word-initial consonant clusters of native Mandarin speakers of English. The 1<sup>st</sup> ASA workshop on Second Language Speech Learning, May 14 – 15, Vancouver,

- Canada.
- 2004 Positional and phonotactic effects on the realization of Taiwan Mandarin Tone 2. Interspeech 2004—The 8<sup>th</sup> International Conference on Spoken Language Processing, October 4 – 8, Jeju, Korea.
- 2004 It's no longer the rising T2 we know – the dipping of T2 in Taiwan Mandarin. The 33<sup>rd</sup> New Ways of Analyzing Variation Conference, September 30 – October 3, Ann Arbor, USA.
- 2004 Positional and phonotactic effects on the realization of dipping tones in Taiwan Mandarin. The International Conference on Tone and Intonation, September, 9 – 11, Santorini, Greece.
- 2004 Perception of discourse boundaries by Taiwan Mandarin speakers. The 2<sup>nd</sup> International Conference on Speech Prosody, March 23 – 26, Nara, Japan.
- 2003 Durational and prosodic patterning at discourse boundaries in Japanese spontaneous monologs. The 15<sup>th</sup> International Congress of Phonetic Sciences, August 3 – 9, Barcelona, Spain.
- 2003 An analysis of prosodic and discourse structure in the Corpus of Spontaneous Japanese. Japanese Society for Artificial Intelligence: Special Interested Group Notes, 37<sup>th</sup> Meeting of Spoken Language Understanding and Dialog Processing, March 7 – 8, Tokyo, Japan.
- 2001 A cross-linguistic study on discourse and syntactic boundary cues in speech. The 141<sup>st</sup> Meeting of the Acoustical Society of America, June 4 – 8, Chicago, USA.
- 2000 Syllable duration as an indicator of discourse/syntactic boundaries. The 6<sup>th</sup> International Conference on Spoken Language Processing, October 16 – 20, Beijing, China.
- 1998 Variance and invariance in speech rate as a reflection of conceptual planning. The 5<sup>th</sup> International Conference on Spoken Language Processing, November 30 – December 4, Sydney, Australia.
- 1998 Variance and invariance in speech rate as a reflection of conceptual planning. The CogFest'98, October 30, Center for Cognitive Science, The Ohio State University, Columbus, USA.

## CAMPUS TALKS

- 2011 Are you done yet? – Speaking of segmentation cues in language. 2011 Brain and Mind Sciences Talker Series: A Trip into the Mind, Neurobiology and Cognitive Science Center, National Taiwan University, December 17

- 2005 Structural cues in spontaneous speech: looking at the duration parameter. Linguistics Speaker Series, National Taiwan University, Taipei, Taiwan, December 12
- 2003 When Tone 2 meets Tone 3 – tonal merger in Taiwan Mandarin. Linguistics Speaker Series, National Taiwan Normal University, Taipei, Taiwan, December 31

### DISSERTATION/THESIS/RESEARCH PROJECTS ADVISED

- Ashley Chu (R2 program, 2018). *The realization of nuclear and prenuclear accents in Mandarin learners of English.*
- Zhiyin Tan (M.A. Summer + R2 program, 2017). *The pitch contour of the four Mandarin tones in Taipei and Taichung.*
- Yu-Ying Chuang (Ph.D., 2017). *The Effect of Phonetic Variation on Word Recognition in Taiwan Mandarin.*
- Hsiang-Yu Lei (M.A., 2016). *The Effect of Prosody and Dialectal Difference on Syllable-final Nasal Mergers in Taiwan Mandarin Spontaneous Speech.*
- Yu-chiao Ye (M.A., 2015). *The Effect of Age and Prosody on Syllable-final Nasal Mergers in Taiwan Mandarin Spontaneous Speech.*
- Sheng-fu Wang (M.A., 2013). *Durational cues at discourse boundaries in Taiwan Southern Min spontaneous Speech.*
- Yu-hsiang Lo (B.A., 2012). *The diachronic changes of the four tones in Taiwan Mandarin.* National Science Council research project for college students [NSC100-2815-C-002-108-H].
- E-chin Wu (M.A., 2009). *The effect of Min proficiency on the realization of tones and foci in Taiwan Mandarin-Min bilinguals.*
- Yu-Ying Chuang (M.A., 2009). *An acoustic study on voiceless retroflex and dental sibilants in Taiwan Mandarin spontaneous speech.*
- Chris Yi-Hsuan Huang (M.A., 2008). *Dialectal variations on the realization of high tonal targets in Taiwan Mandarin.*
- Renee Jui-mei Hung (M.A., 2007). *A study on Mandarin syllable-final nasal merger in Taipei children.*
- Yao-Ju Lin (M.A., 2007). *Tonal and contextual information in sentence processing.*
- Ellie Liu (M.A., 2006). *How training, presentation mode, and complexity affect processing of numbers in interpretation.*
- Jessica Jin-hwa Lee (M.A., 2004). *The effect of learner autonomy promotion on listening comprehension for senior high school students.*

Yu-Ying Chuang (B.A., 2004). *Monophthongization of diphthongs in Taiwan Mandarin – using [ai] as an example*. National Science Council research project for college students [NSC-93-2815-C-003-029-H].

## COLLABORATORS

Rolf Harald Baayen, Alexander von Humboldt Professor, Division of Quantitative Linguistics, Department of Linguistics, University of Tübingen, Germany [ERC-742545 Wide Incremental learning with Discrimination nEtworks]

Ling-Yu Guo, Associate Professor, Department of Communicative Disorders and Sciences, University at Buffalo, USA [Prosody in deaf children]

Ho-Hsien Pan, Professor, Department of Foreign Languages and Literature, National Chiao-Tung University, Taiwan [Speech corpora]

Jane S. Tsai, Professor, Graduate Institute of Linguistics, National Chung Cheng University [Speech corpora]

Yuki Hirose (広瀬友紀), Professor, Department of Language and Information Sciences, Graduate School of Arts and Sciences, University of Tokyo

Takane Ito (伊藤たかね), Professor, Department of Language and Information Sciences, Graduate School of Arts and Sciences, University of Tokyo

## TEACHING EXPERIENCES

### General

Introduction to Languages (undergrad)

Basic Issues in Cognitive Sciences (grad)

### Phonetics

Speech and Technology (undergrad)

English Phonetics (undergrad)

Phonetics (undergrad)

Advanced Phonetics (undergrad)

Phonetic Theory (grad)

Articulatory Phonetics (grad)

Acoustic and Auditory Phonetics (grad)

Speech Perception (grad)

Clinical Phonetics (grad)

Seminar on Speech Corpora (grad)

Selected Readings on Issues in Phonetics (grad)  
Independent Studies on Phonetics (grad)

### **Phonology**

Phonology (undergrad & grad)  
Prosodic Systems (grad)  
Laboratory Phonology (grad)

### **Psycholinguistics**

Language and Mind (undergrad)  
Psycholinguistics (grad)  
Cognitive Science (grad)

### **Methodology**

Research Methods (grad)  
Statistics (grad)  
Statistics and Experimental Design (grad)

### **English Skills**

Online English Program (undergrad)  
Pattern Drill (undergrad)  
Freshman Writing (undergrad)

## **SERVICE TO PROFESSION**

### **Journal reviews**

Bulletin of Special Education  
Chinese Studies  
Concentric: Studies in linguistics  
English Teaching & Learning  
GEMA Online Journal of Language Studies  
Hong Kong Journal of Applied Linguistics  
Humanitas Taiwanica  
IEEE Transactions on Speech and Audio Processing  
Intergram  
International Journal of Bilingualism  
International Journal of Chinese Linguistics

International Journal of Computational Linguistics and Chinese Language Processing  
Journal of Child Language Acquisition and Development  
Journal of Chinese Language Teaching  
Journal of East Asian Linguistics  
Journal of Hakka Studies  
Journal of Humanities and Social Sciences (I-Shou University)  
Journal of Lingua Sinica  
Journal of Linguistics  
Journal of Phonetics  
Journal of Taiwanese Languages and Literature  
Journal of Taiwanese Vernacular  
Journal of the International Phonetic Association  
Language and Linguistics  
Language and Speech  
Lingua  
NUK Journal of Humanities  
PLOS ONE  
Studies in English Language and Literature (National Taiwan University of Science and  
Technology)  
Taiwan Journal of Linguistics  
Taiwan Journal of Chinese as a Second Language  
Monumenta Taiwanica  
The Journal of the Acoustical Society of America  
Tsing Hua Journal of Chinese Studies  
Tzu-Chi University Journal of the Humanities and Social Science

### **Grant Reviews**

Hong Kong Research Grants Council  
National Science Council, Taiwan  
Office of Research and Development, National Taiwan Normal University, Taiwan  
National Science Foundation, USA  
Social Sciences and Humanities Research Council of Canada

### **Book Reviews**

Frontiers in Linguistics Series, Peking University Press

### **Tenure/Hiring Reviews**

City University of Hong Kong  
National Tsing Hua University, Hsinchu

National Taipei University of Technology, Taipei

### **Award Reviews**

PhD dissertations/MA theses of the Year, Linguistics Society of Taiwan  
 Ministry of Science and Technology Outstanding Research Award

### **Service to professional organizations**

Member, Scientific Committee of the Annual Conference on Asian Linguistic Anthropology	2018 – present
Chair, Organizing Committee of the joint 17 <sup>th</sup> Conference on the Processing of East Asian Languages and the 9 <sup>th</sup> Conference on Language, Discourse, and Cognition	2017 – 2018
Member, Program Committee of the 9 <sup>th</sup> Conference on Speech Prosody	2017 – 2018
Chair, Organizing Committee of the 8 <sup>th</sup> Conference on Language, Discourse and Cognition	2015 – 2016
Executive Secretary, Linguistic Society of Taiwan	2007 – 2009
Treasurer, Linguistic Society of Taiwan	2004 – 2005
Chair of Organizing Committee of the Asian languages group, Intonation in Language Varieties – AM approaches Workshop, satellite meeting of ICPHS2003, Barcelona, Spain.	2003/8

### **PROFESSIONAL MEMBERSHIPS**

Linguistics Society of Taiwan	2003 – present
International Speech Communication Association	2004 – 2005
International Phonetics Association	2003 – 2004