

賴郁雯 | YUWEN LYRA LAI

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## EDUCATIONAL BACKGROUND 教育背景

2008 Ph.D., Dept. of Linguistics. The University of Kansas. 美國堪薩斯大學 語言學 博士  
Dissertation- *Acoustic Realization and Perception of English Lexical Stress by Mandarin Learners*.

1998 M.S., Dept. of Plant Pathology and Entomology. National Taiwan University.  
Thesis- *Taxonomy of Lampyridae: Lampyrinae in Taiwan*. 台灣大學植物病蟲害學系 碩士

1996 B.S., Dept. of Plant Pathology and Entomology. National Taiwan University.  
台灣大學植物病蟲害學系 學士

## ACADEMIC APPOINTMENTS 學界經歷

2022 - present Leadership Development Program at NTHU  
清華大學 立德領導人才培育計畫 | 副書院導師

2009 - 2021 Assistant Professor. Dept. of Foreign Languages and Literatures.  
National Chiao-Tung University, Hsinchu, Taiwan.  
交通大學外國語言文學系 | 助理教授

2008 - 2009 Postdoctoral Teaching Fellow. Dept. of Linguistics,  
University of British Columbia, Vancouver, Canada.  
加拿大卑詩省大學語言系 | 博士後講師

## INDUSTRIAL APPOINTMENTS 高等教育服務及業界經驗

2022 - 2023 Consultant, Funique VR Studio  
睿至股份有限公司 | 『蜂』起雲『湧』科技部專案顧問

2021 - present Consultant. Apex Material Technology  
創為精密科技 | 海外行銷顧問

2021 - 2022 Contractor. DBS Bank T&O  
星展銀行 | 英語專案顧問

2019 - 2021 Associate Director. GCED Center, NCTU  
交通大學 | 全球公民教育中心副主任

2017-2019 Sustainable Division Leader. GCED Center, NCTU  
交通大學 | 全球公民教育中心 永續發展組 組長

**HONORS/AWARDS 榮譽事蹟**

- 2018 Outstanding Teaching Award, NCTU. 交通大學傑出教學獎
- 2012 Distinguished Undergraduate Mentor Award, NCTU. 交通大學績優導師
- 2010 Outstanding Undergraduate Mentor Award, NCTU. 交通大學優良導師
- 2006 Outstanding Graduate Teaching Assistant Award, KU. 堪大傑出助教獎
- 2005 Fellowship for attending Summer Institute at MIT, Linguistic Society of America.  
美國語言學會MIT暑期課程全額獎學金
- 2005 Frances Ingemann Scholarship, Dept. Linguistics, KU. 堪大語言所英格曼教授獎
- 2003 Erasmus Award, Dept. of Linguistics, KU. 堪薩斯大學語言所伊拉姆斯教授獎
- 2001 Outstanding International Woman Student, KU. 堪薩斯大學傑出國際女學生獎
- 2000 International Student Scholarship, KU. 堪薩斯大學傑出國際學生獎
- 1997 Education Bureau Scholarship, NTU. 台灣教育部獎學金

**RESEARCH 研究****AREAS OF INTEREST 研究主題**

- Linguistics 語言學：Human Computer Interface 人機介面, Phonetics 語音學, Psycholinguistics 心理語言學, Computer-assisted language learning 電腦輔助語言教學, Speech Therapy 語言治療
- Applied English 應用英文: Tourism English 觀光英文, English for engineers 工程英文
- Entomology 昆蟲學：Taxonomy 分類學

**GRANTS 研究計畫**

- 2019 - 2020. 教育部人文社會與科技前瞻人才培育計畫，計畫名稱：斜槓青年的視角：人文/科技/海洋/醫護/國際觀. Co-PI.
- 2014 – 2017. "Experimental investigation of tone sandhi in three Hakka dialects spoken in Taiwan". Chiang Ching-Kuo Foundation for International Scholarly Exchange. Co-investigator: Dr Jie Zhang, Department of Linguistics, University of Kansas.
- 2014 - 2017. "Temporal Divergence in Mandarin Tone Processing" 華語聲調知覺處理之時序問題初探. Ministry of Science. 103-2410-H-009 -030 -MY2, PI.
- 2013 – 2015 “Aspiration Perturbation in Taiwanese”. National Science Council. 102-2410-H-009-017, PI.
- 2010 – 2012 April “A Cross-Linguistic Study on Aspiration and Tone”. National Science Council. 99-2410-H-009-075. PI.

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 著作

### 專書

Lai, Y. (2011). *Cross-Language Production and Perception: Mandarin Tone to English Stress*. VDM Publishing, Germany.

### 學術論文

X. -D. Jhan, S. -K. Wong, E. Ebrahimi, Y. Lai, W. -C. Huang and S. V. Babu, "Effects of Small Talk With a Crowd of Virtual Humans on Users' Emotional and Behavioral Responses," in IEEE Transactions on Visualization and Computer Graphics, 2022, doi: 10.1109/TVCG.2022.3203107.

Y. Huang, Y. Chen, F. H. Calderón, Y. Lai, S. Wu and Y. Chen, "LiBRA: A Linguistic Bipolar Disorder Recognition Approach," 2021 IEEE 22nd International Conference on Information Reuse and Integration for Data Science (IRI), 2021, pp. 228-235, doi: 10.1109/IRI51335.2021.00037.

Huang, Y. H., Chen, Y. H., Alvarado, F. H. C., Lee, S. R., Wu, S. I., Lai, Y., & Chen, Y. S. (2019). Leveraging Linguistic Characteristics for Bipolar Disorder Recognition with Gender Differences. arXiv preprint arXiv:1907.07366.

Long, C. Y., & Lai, Y. (2017). Embrace for impact: Formant reconstruction in sudden pitch raise while singing. *The Journal of the Acoustical Society of America*, 141(5), 3725-3725.

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., C. Huff, J. Sereno and A. Jongman. (2009). The raising effect of aspirated consonant on F0 in Taiwanese. In *Proceedings of the 2<sup>nd</sup> 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.
- 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. (2004). *The Effect of Aspiration on the Fundamental Frequency of the Following Tone in Taiwanese*. MA thesis. University of Kansas.

## CERTIFICATION AND LICENSE 證照

Advance Higher Education, Fellow 英國高等教育學會 會士  
中華民國專業英語領隊證照

## SKILLS 技能

- 社群行銷：文案撰寫，人物採訪，平面及影片製作，架構Wix網站，臉書及領英推播。
- 粉絲頁經營經驗：粉絲頁主編 (交大資工，交大全球公民教育中心，北一女校友會)
- 軟體技能：XMind, SPSS 統計軟體, FinalCut Pro, Canva, Mac iWork, MS Office, Office 365 (OneNote 共筆系統, Sharepoint 網站製作)

## LEADERSHIP EXPERIENCE 領導經歷

- 2019: Assistant Leader. Service Learning Group to Oddar Meanchey, Cambodia.  
交大服務學習團：柬埔寨奧多棉吉省 義築專案 | 領隊老師
- 2018: Assistant Leader. Service Learning Group to Ladakh, India.  
交大服務學習團：印度拉達克 | 助理領隊老師
- 2004-2005: President of Linguistics Graduate Student Association, KU.  
堪薩斯大學語言系研究生學會 | 會長
- 2004: Assistant leader. Study abroad program (China). Kansas Scholar Service, KU.  
堪薩斯學者協會學習計畫(中國) | 助理領隊
- 2000-2001: President of Taiwanese Student Association, KU.

堪薩斯台灣同學會 | 會長  
1985-1986 Troupe Leader, Taipei First Girls High School  
北一蘭姐童軍團 | 工程小隊長

## LANGUAGES 語言

Native/Near Native: Mandarin 華語, English 英語, Taiwanese 台語

Moderate: Japanese 日語 and Taiwan Sign Language 台灣手語

## INVITED TALKS 邀請演講

2019 | Ten Commandment for Graduate Students. Dept. of Computer Science, NTHU  
清華大學資工所

2018 SYS 系統教學法—拇指精靈飼育學, 中山大學 NSYSU

2017 Streamline Teaching with Computing skills, Department of Computer Science, 清華  
大學資工所 NTHU

2017資優的87道色階— Hairdresser to Professor 居仁國中資優班

2017十七年蟬，十年人. Dept. of Life Science, Tong Hai University (東海生科),

2014 作個理直氣壯的騎牆派—Entomology, Linguistics, and Beyond. Dept. of  
Entomology, Dept. of Entomology, NCHU (中興大學昆蟲系)

2013 *Tone of Voice Matters - Prosody in Language Processing*. Institute of Cognitive Neuroscience.  
National Central University 中央大學

2012 跨界人生*Entomology, Linguistics and Beyond*. Dept. of Life Science, Chinese Culture  
University 文化大學

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

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

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

## **WORKSHOPS AND INSTITUTES 工作坊及研習營**

2006: Third Annual Summer Institute in Cognitive Neuroscience. National Yang-Ming University, Taiwan. 台灣陽明大學第三屆腦神經暑期學校

2005: Linguistic Society of America Summer Institute, MIT. 美國語言學學會暑期學校

2004: Redefining Elicitation: Novel Data in Phonological Theory, NYU. 美國紐約大學音韻理論研習營

2002: Methods and Tools in Field Linguistics. Max Planck Institute for Psycholinguistics, Nijmegen, the Netherlands. 荷蘭奈梅亨 馬克斯-普朗克研究院

## **Courses 教學課程**

### **OPENCOURSE AT NCTU 國立交通大學開放課程**

Introduction to Linguistics 語言學概論

<https://goo.gl/CFn3pY>

Phonetics and Phonology 語音與音韻學

<https://goo.gl/K46kG6>

The Art of Articulation 發音概論

<https://goo.gl/86f2u9>

### **● NCTU 2009-2021**

#### *Undergraduate program*

Service Learning: Humanity Building in Cambodia

Introduction to Linguistics I

Phonetics and Phonology

The Art of Articulation

Computer-Assisted Language Learning

Experimental Linguistics

Special Topics in Linguistics

Freshman English

English Composition I& II

#### *Graduate program*

Phonetics

Advanced Phonetics

Psycholinguistics

Research Methods in Experimental Linguistics

- **UBC (2008-2009) Postdoctoral Teaching Fellow**

Languages and Linguistics

Languages of the World

Research Methods in Speech Production and Perception.

- **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.

- **NTU (1997-1998)**

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