

CURRICULUM VITAE

Cai Mingjia

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EDUCATION

The Education University of Hong Kong, Doctoral in Linguistics 2020.9-Present
Thesis: The Role of Vocabulary Depth Knowledge in Reading Comprehension among Chinese Primary Students

Peking University, M.Phil. in Linguistics 2017.9-2020.7
Thesis: Development of Orthographic Awareness in Chinese Children

The Education University of Hong Kong, Exchange Student 2015.9-2016.1

Beijing Language and Culture University, B.A. in Chinese Language 2013.9-2017.7
Thesis: The Use of English Loanwords in Cantonese: A Case Study in Hong Kong

PUBLICATIONS

- **Published**

Cai, M., & Liao, X. (2024). The relationship between vocabulary depth knowledge, word reading, and reading comprehension in Chinese. *Journal of Experimental Child Psychology*, 244, 105951.

Liao, X., Zhu, X. & Cai, M.. (2024). The difference in the relationship of executive function with reading engagement and reading comprehension among primary students across different grades. In Si, C. M., Lam, S. M., Lee, C. K. J (book contract signed). *Learning and Teaching Chinese as a First Language: International Perspectives*, Routledge.

Cai, M., & Liao, X. (2023). Effects of executive function on word reading among learners with Chinese as a second language. In *2023 Annual Meeting of American Educational Research Association: "Interrogating Consequential Education Research in Pursuit of Truth"*.

Liao, X., Cai, M., & Hung, C. O. Y. (2023). The Role of Executive Functions in Lexical Processing During Reading Comprehension. *Reading Research Quarterly*.

Liao, X., Loh, E. K. Y., & Cai, M.. (2022). Lexical Orthographic Knowledge Mediates the Relationship Between Character Reading and Reading Comprehension Among Learners with Chinese as a Second Language. *Frontiers in Psychology*, 13, 779905.

Liao, X., & Cai, M.. (2020). The Relationship between Orthographic Knowledge and Word Reading among Learners with Chinese as a Second Language: A Meta-analysis Study. In Yuan, LIANG. (eds), *Character Teaching and Learning in L2 Chinese Classroom: From Theory to Practice*. National University of Vietnam (Hanoi) Press.

- **Under Review**

Cai, M., & Liao, X.. (Under Review) The Effect of Executive Function on Word Recognition: Comparison Between Native Chinese and Learners with Chinese as A Second Language (CSL). *Journal of Psycholinguistic Research*.

- Liao, X., & **Cai, M.** (Under Review) The Effect of Executive Function on Word Reading Among Students with Chinese as A Second Language (CSL). *Studies in Second Language Learning and Teaching*.
- Hung, C. O. Y., **Cai, M.**, & Liao, X.. (Under Review). Contribution of Executive Function in Different Levels of Reading Comprehension. *Journal of Research in Reading*.
- **Preprint Papers**
 - Cai, M.** (2020). ‘Acoustic Analysis of Monosyllabic Tone and Tone Sandhi in Yuxi Dialect.’ In KONG Jiang-Ping (eds). <Proceedings of Series Experimental Phonetic Lectures>. [chinaXiv:202011.00031V1]
 - Li, B. & **Cai, M.** (2020). ‘Acoustic Analysis of Tone Sandhi in New-style Hakka’, In KONG Jiang-Ping (eds). <Proceedings of Series Experimental Phonetic Lectures>. [chinaXiv:202011.00063V1]

PAST RESEARCH EXPERIENCES

2022-2023

- **Project Name:** The Relationship between Executive Functions and Integrated Writing in Chinese (L1) and English (L2) among Secondary Students in Hong Kong, P.I.: LIAO, Xian
Role: Research Team Member
 - Engaged in the design of the research project, encompassing an extensive literature review, the formulation of hypotheses, and the development of theoretical models grounded in prior studies, culminating in drafting the research proposal.
 - Authored and co-authored scholarly articles for peer-reviewed journals and presented the findings at international academic conferences, such as the 2023 Annual Meeting of American Educational Research Association (AERA).

2021-2022

- **Project Name:** Examining the Effects of Executive Function on Chinese Word Reading among Chinese as a Second Language (CSL) Learners and Chinese Students from a Developmental Perspective, P.I.: LIAO, Xian
Role: Research Team Member
 - Undertook meticulous data collection efforts in primary schools across Hong Kong, ensuring the utmost integrity and accuracy of the collected datasets.
 - Managed data input and the optimization of data storage, retrieval, and analysis processes, facilitating the support of numerous research initiatives.
 - Disseminated research findings through the authorship of papers in peer-reviewed journals and presentations at international academic conferences.

2019-2020

- **Project Name:** Workshop of Reading and Writing Development, P.I.: WANG, Feng
Role: Project Contributor
 - Led the analytical process using SPSS and Structural Equation Modeling (SEM) to unearth insights into the development of orthographic awareness among native Chinese students in Grade 3 to Grade 5.
 - Presented the research finding in the workshop of “Reading and Writing Development” held by the Department of Chinese Language and Literature, Peking University.
 - Crafted the scholarly paper titled “Development of Orthographic Awareness in Chinese Children”.

2018-2019

- **Project Name:** The Project of Language Resources Preservation in China: The Malimasa Language in Weixi, Yunnan, P.I.: Dr. Zihé Li

Role: Co-Investigator

- Enhanced data collection methodologies within the team, including training members on acoustic signal collection using an electroglottograph.
- Employed visualization tools including Power BI and Infogram to demonstrate research outcomes.
- Our findings were prominently featured on the Chinese Language Resources Collection website (<https://zhongguoyuyan.cn/>).

2017-2018

- **Project Name:** Outstanding Project of Undergraduate Teaching Reform, Peking University, P.I.: WANG, Feng

Role: Project Member

- Responsible for drafting a detailed research proposal, particularly focusing on the “Background and Method” and “Implications” sections, establishing a clear framework for the investigation.
 - Played a pivotal role as a teaching assistant in reform courses, collecting and analyzing feedback from students for the research project.
 - **Project Name:** Tone Perception Experiment in Ruijin, P.I.: KONG, Jiangping
- Role:** Co-Investigator
- Designed and led the study on “Tense and Lax Contrast”, unveiling insights that advanced the understanding of tone perception in the Ruijin dialect.
 - Worked collaboratively with interdisciplinary teams to ensure the alignment of data analysis methods with overarching project objectives, enhancing the study’s efficacy and relevance.

TEACHING EXPERIENCE

- **Modern Chinese Language, The Education University of Hong Kong**
(Course Leader: LIANG Yuan)
Teaching Assistant
Co-teaching with Dr. LIANG Yuan: Studies of Chinese Vocabulary (詞彙與詞彙研究);
Studies of Lexical Meaning in Chinese (詞義與詞義研究)
- **Language and Hominization, Peking University**
(Course Leader: WANG Feng)
Teaching Assistant
Co-teaching with Prof. WANG Feng: The History of Human Language Development (人類語言的發展歷史)
- **Historical Linguistics, Peking University**
(Course Leader: WANG Feng)
Teaching Assistant
Co-teaching with Prof. WANG Feng: Changes of Chinese Word Structures (漢語詞彙結構的歷史變化)

CONFERENCE AND WORKSHOP ATTENDANCE

- **2023 American Educational Research Association Annual Meeting (AERA)**
Presentation Title: Effects of Executive Function on Word Reading Among Learners with Chinese as a Second Language.
Date: May 06, 2023.
- **10th International Chinese Language Teaching Conference (ICLTC)**

Presentation Title: A preliminary exploration on the relationship between executive function and word reading among students with Chinese as a second language (CSL).

Date: Dec 04, 2021

- **Workshop of Reading and Writing Development, Peking University**

Presentation Title: A Developmental Study of Orthographic Awareness in Chinese Children

Date: Aug 13, 2019.

- **Tibeto-Burman Language Workshop, Peking University**

Presentation Title: The Tense and Lax Opposition in Naxi Phonetic System

Date: Jun 23, 2019.

- **Workshop of Language and Culture of Tea, Peking University**

Presentation Title: An Etymological Study of Verbs Related to Tea Making Procedure

Date: Nov 26, 2018.

- **The Symposium on Artificial Intelligence based Assistive Diagnoses and Treatment for Autism Spectrum Disorders**

Presentation Title: The Development of Orthographic Knowledge in Chinese

Date: May 25, 2018.

NON-ACADEMIC WORKING EXPERIENCE

Administration, 03/2024 - present

Shandong Gold Financial Holdings Group (HongKong) Co., Limited

- Coordinated and streamlined administrative processes, ensuring compliance with standards and policies.
- Developed and maintained a comprehensive filing system, significantly improving the retrieval of working documents and materials.
- Facilitated effective communication between departments and external stakeholders, improving departmental outreach and engagement.
- Administered financial transactions and budget tracking for projects, ensuring fiscal responsibility.
- Implemented and managed scheduling systems for events and meetings, optimizing resource allocation and enhancing operational efficiency.

Human Resources Internship, 12/2016 - 06/2017

Beijing Foreign Studies University, International Exchange and Cooperation Office

- Conduct market research and analysis to identify target recruitment regions and channels.
- Collaborate with international recruitment agencies and educational institutions to source top-tier candidates.
- Review and screen resume and applications to identify potential candidates for further evaluation.
- Conduct thorough interviews and assessments to assess candidates' qualifications, skills, and suitability for the position.
- Manage the onboarding process for foreign teachers, including orientation, cultural adaptation, and logistics support.

HONORS AND AWARDS

- **Hong Kong Special Administrative Region Government Scholarship Fund**

2023 Reaching Out Award

- **Peking University**

Full Scholarship of the National Postgraduate Scholarship, 2017-2020

First Prize of 2019 "Challenge Cup (挑战杯)" National College Student Academic Science and Technology Works Competition

- **Beijing Language and Culture University**
Outstanding Student Scholarship, 2015-2016
Outstanding Student Scholarship, 2013-201, 2014-2015

PROFESSIONAL SKILLS

- **Software**
Proficient: SPSS, Amos, Praat
Competent: MATLAB, E-prime
- **Languages**
Mandarin: Native proficiency.
English: Bilingual proficiency (IELTS 7.5; L: 7.5; R:8.5; S:7.0; W:6.5).
Cantonese: Working proficiency.