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RESEARCH INTEREST

Sociolinguistics, Phonological Variation, Sound Change
Speech Perception and Production, Language Acquisition

EDUCATION

The University of Hong Kong

Bachelor of Social Sciences; Linguistics & Political Science 2019 - 2023
GPA: 3.94/4.30

University of California, TBA

Outbound Exchange; Linguistics Jan, 2023 - May, 2023

MANUSCRIPTS

Attention and Awareness of Merger's Social Meaning Influences Asynchronous Tonal Change in Hong Kong Cantonese. (UG Thesis, In Prep)

Bilingual Speakers Show Cognitive Advantages in Simultaneous Generalization of Multiple Phonological Patterns.

With Youngah, Do; Sui Lung, Sze; Tsz To, Ho; and Tak Wang, Li. (In Prep)

Ecological Learning of Phonotactics and Alternation Differs between Adults and Children.

With Youngah, Do., Xiaoyu, Yu; Lihui, Tan; and Thomas, van Hoey. (In Prep)

RESEARCH EXPERIENCES

University of Manitoba - Winnipeg

Department of Psychology May 2022 - Aug 2022

Research Assistant. PI: Prof. Melanie Soderstrom

The University of Hong Kong

1. **The Language Development Lab**, Department of Linguistics Aug, 2021 - present

Lab Member. PI: Dr. Youngah Do and/or Dr. Jonathan Havenhill

Project A

Ecological Learning features many cognitive learning processes. Ecological learners can quickly adapt their strategy to the task assigned and choose the most efficient route to complete it. Phonological acquisition was found to feature ecological learning as well. Participants showed an "exploration-

immersion-confirmation” route in learning regular and random patterns of phonotactics and alternation.

Project B

Language acquisition often requires speakers to generalise multiple linguistic patterns simultaneously. What are the neurological and behavioural differences between adult and children in generalising phonotactics and alternation patterns?

2. Undergraduate Research Opportunity Program

Jan 2021 - May 2021

Undergraduate Researcher. Supervisor: Dr. Jonathan Havenhill

Sound changes can be explained by the “innocent misapprehension” of auditorily similar and visually vulnerable sounds. The direction of changes is influenced by critical visual cues that distinguish acoustically ambiguous sounds, as exemplified by Korean palatalization. We found that when both acoustic and visual confusions are present, a sound is fully eligible for alternation. When only one of them are available, it only alternate to a secondary degree or does not change at all.

3. Department of Politics and Public Administration

Jan 2022 - Apr 2022

Research Assistant, PI: Dr. Haohan Chen

Authoritarian and totalitarian states often use official propaganda to control and stabilize the society. How these propaganda strategies are linguistically implemented and how they stimulate a particular emotional response among citizens are understudied. Analyzing and interpreting web-extracted text data. Compiling tutorials of advanced data science for a departmental course offered.

4. Undergraduate Research Fellowship

In Prep

Undergraduate Researcher, Supervisor: Dr. Haohan Chen

Evaluation of unverified information or conjectures marks one of the milestones in cognitive development. Perception and interpretation of information with different characteristics might result in variations in degrees of endorsement. This study investigates whether such preference of conjectures is affected by the existence/absence of factual information, and if it is conditioned by social and linguistic factors.

NON-DEGREE EDUCATION

Korea University

2020, 2021

Winter and Summer School

Data Analysis with R, Social Psychology, Political Economy, Korean Politics

Federal University of Minas Gerais, Brazil

2021

Speech Analysis and Synthesis, Statistics for Linguistic Research with R

EXTRACURRICULAR ACTIVITIES & SERVICES

Chinese Culture Sub-Committee, Student Association of R.C.Lee Hall

<i>Chairperson</i>	Sep 2021 - Dec 2022
Pad for Hope Foundation	
<i>Teaching Assistant</i>	Jun 2021 - Aug 2021
Social Service Fund , The University of Hong Kong	
<i>External Secretary</i>	Oct, 2020 - Oct, 2021

HONORS & AWARDS & GRANTS

Leung Kai Kui Research and Teaching Endowment

The University of Hong Kong, HKD 10,000 2022

The K.K.Ho Prize

The University of Hong Kong, HKD 20,000 2022

Globalink Research Award

Mitacs, CAD 12,000 2022

Dean's Honor List

Faculty of Social Sciences, The University of Hong Kong 2020, 2021, 2022

Soong Ching-Ling Scholarship

Soong Ching-Ling Foundation, CNY 200,000 2019

SKILLS

Natural Languages: English, Mandarin, Cantonese

Programming Languages[#]: R⁺, Praat Script⁺, Python, L^AT_EX, HTML, JavaScript

Research Tools: RStudio, Praat, ELAN, PsychoPy, Qualtrics

Related Skills: Frequentist Statistics⁺, Web Scraping, Machine Learning for Text Data Processing⁺, Forced Alignment

[#]In a descending order of proficiency. ⁺Hyperlinked to selected examples.

Last Update: June 29, 2022