

**Personal Information:**

Mao-Chang Ku, born in Taoyuan City, Taiwan, 1985

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**Education:**

1. B.A. in Foreign Languages and Literature, National Taiwan University, 2008
2. M.A. in Linguistics, National Tsing Hua University, 2011

Thesis: *On Double Object Constructions and Applicative Constructions in Taiwan*

*Southern Min*

Advisor: Prof. Wei-Tien Dylan Tsai

3. (ongoing) Ph.D. student in Linguistics, National Taiwan University (2019 ~)

**Research Interests:**

1. Computational Linguistics
2. Corpus Linguistics
3. Syntax
4. Formosan languages

**Teaching Experience:**

1. TA in [\*Introduction to Programming for Data Science\*](#), NTU (Spring 2021)
2. TA in [\*Computational Linguistics and Linguistic Theories\*](#), NTU (Spring 2023)
3. TA in [\*Introduction to GenAI for Humanities\*](#), NTU (Spring 2025)

4. Part-time lecturer at Cardinal Tien Junior College of Health and Management  
(Spring 2021 ~ Spring 2022)
5. Part-time lecturer at Tatung University (Fall 2022 ~ Spring 2024)

### **Conference papers:**

1. Shih, Ching-Fang, **Mao-Chang Ku**, and Shu-Kai Hsieh. Lectal Variation of the Two Chinese Causative Auxiliaries. ROCLING 2020.
2. Chang, Yu-Lin, Yongfu Liao, Po-Ya Angela Wang, **Mao-Chang Ku** and Shu-Kai Hsieh. Keyword-centered Collocating Topic Analysis. ROCLING 2021.
3. Tseng, Yu-Hsiang, Cing-Fang Shih, Pin-Er Chen, Hsin-Yu Chou, **Mao-Chang Ku**, Shu-Kai Hsieh. CxLM: A Construction and Context-aware Language Model. In: Proceedings of the 13th Conference on Language Resources and Evaluation (LREC 2022).
4. **Ku, Mao-Chang** and Milangan Chia-hao Tai. A Logistic Regression Analysis to Paiwan Causative Constructions. Academia Sinica Linguistics Forum-4, 2023.
5. **Ku, Mao-Chang**. Automatic Speech Recognition for Endangered Languages: A Case Study on Amis in Taiwan. WCTS-5, 2025.
6. Lian, Da-Chen, **Mao-Chang Ku** and Shu-Kai Hsieh. CorPilot: An Agentic Framework for Corpus Linguistics. Computing Conference 2026.

### **Publication:**

1. **Ku, Mao-Chang**, Milangan Chia-hao Tai and Shu-Kai Hsieh. 2025. A Corpus-based Study of Causative Constructions in Paiwan. Foreign Language Studies 41: 1-33.
2. Lian, Da-Chen, **Mao-Chang Ku**, Po-Ya Angela Wang, Wei-Ling Chen and Shu-Kai Hsieh. 2025. Empowering Elementary Learning: Utilizing Large Language Models to Craft Tailored Textbooks with Expert Insight. Journal of Library and Information Studies 23.2.