

LUCY RUOQIAN CHENG

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EDUCATION

Ph.D., Department of Linguistics, University of Kansas (Adviser: Prof. Allard Jongman)	2019-Present
M.A. (Honors), Department of Linguistics, University of Kansas Research Project: Acoustic Analysis of Nasal and Lateral Consonants: The Merger in Eastern Min (adviser: Prof. Allard Jongman)	2019
B.A., Chinese Language, Fudan University, Shanghai Thesis: A sociolinguistic analysis of the [l~n] merger in Eastern Min (Adviser: Prof. Huan Tao)	2017
Non-Degree Study Linguistic Society of America Summer Institute, University of California, Davis	2019
Exchange student, University of Manchester	2016

RESEARCH

Ongoing Projects

Aging Effects on Speech Perception: The project seeks answers for the reason why older listeners show comparable speech recognition as younger listeners. Cue-weighting strategies and reliance on contexts such as lexical information and speaking rates are investigated with paradigms of perceptual learning.

Variability of T4 Sandhi in Colloquial Beijing: We collected production data remotely from speakers in Beijing, China. Acoustic analysis examined how an underlying falling tone (T4) could be variably realized as a falling or rising tone when preceding another underlying falling tone. Factors modulating the variable patterns are tested.

Publications

Cheng, R. & Jongman, A. (in prep). Production and Perception of a Merger: [l] and [n] in Fuzhou Min

Cheng, R. (2017). 福建閩侯方言的疑問句研究. (The Interrogative System of Minhou Min). In H. Tao et al. (eds.), 漢語方言的疑問範疇研究. (The Interrogative Systems of Chinese Dialects). Shanghai: Zhongxi Book Company.

Presentations

Cheng, R. (2020, December). Investigating a sound merger from speech production and perception. Invited talk in the Department of Chinese Language and Literature, Fudan University, Shanghai, China.

Cheng, R. & Jongman, A. (2020, December). Production and perception of a merger: The case of [l] and [n] in Eastern Min Chinese. Poster at the 179th Meeting of the Acoustical Society of America. Virtual.

Cheng, R. & Jongman, A. (2019, August). Acoustic analysis of nasal and lateral consonants: the merger in Eastern Min. Oral presentation at the Chinese Dialect Typology Symposium, Xiamen University, Xiamen, China.

Cheng, R. (2019, July). Measuring a sound change: the [l~n] case in Fuzhou. 3-Min-Thesis (3MT) at the Linguistic Society of America Summer Institute. Davis, California, USA

Cheng, R. & Jongman, A. (2019, May). Acoustic analysis of nasal and lateral consonants: the merger in Eastern Min. Poster at the 177th Meeting of the Acoustical Society of America. Louisville, Kentucky, USA.

Skills

- Statistical analysis and programming experience with R
- Acoustic analysis with Praat and VoiceSauce
- Behavioral experiment presentation using Paradigm and Gorilla
- Electroencephalography (EEG) experiment preparation and data acquisition
- Experience with LaTeX formatting and document preparation
- Native speaker of Mandarin Chinese and Eastern Min; high proficiency in English

PROFESSIONAL EXPERIENCE

Research

Research Assistant, PI: Prof. Huan Tao 2016
 Department of Chinese Language and Literature, Fudan University
Responsibilities: Localized the standard dialect vocabulary list for the fieldwork of Min and Wu languages (including Shanghainese) in China.

Teaching

Instructor, *LING110 Language and Mind* Summer 2020
 Department of Linguistics, University of Kansas

Graduate Teaching Assistant, *LING312 Phonology I* 2021
 Department of Linguistics, University of Kansas. Supervisor: Dr. Jie Zhang

Graduate Teaching Assistant, <i>LING305 Phonetics I</i> Department of Linguistics, University of Kansas. Supervisor: Dr. Allard Jongman	2019
Graduate Teaching Assistant, <i>LING110 Language and Mind</i> Department of Linguistics, University of Kansas. Supervisor: Dr. Caitlin Coughlin	2017 – 2020
Instructor, <i>Chinese Literature</i> Yongping Senior High School, Yunnan, China	August 2014

Service

- Student representative for Speech Communication (2020-2022), Acoustical Society of America
- President, Linguistics Graduate Student Association (2019 – 2020)
 - Created workshops on building personal websites and writing grant proposals for graduate students
 - Coordinated online social events and distributed well-being tips during the pandemic
- Reviewer (2020), *Kansas Working Papers in Linguistics*
- Student representative (2018) at the faculty meetings in the Department of Linguistics at KU
- Consultant (2017-Present), Working Group on Literature and Audio Archiving for Foochow
- Member, Linguistic Society of America

Honors and Awards

Graduate Service Award Department of Linguistics, University of Kansas	2020
Graduate Student Research Scholarship Department of Linguistics, University of Kansas	2020
Linguistics Achievement Award Department of Linguistics, University of Kansas	2019
Outstanding Undergraduate Award Shanghai Ministry of Education	2017
Study-abroad Scholarship Education Development Funds, Fudan University, Shanghai	2016
First Prize Scholarship for Outstanding Students Fudan University, Shanghai	2015
Professional Scholarship Fudan University, Shanghai	2015
National Scholarship China Ministry of Education	2014