Suyuan Liu

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Education

Sep. 2020 - present	**Ph.D. in Linguistics, University of British Colombia, Vancouver**
June 2019	**B.A. in Linguistics with Honors, University of California, Los Angeles** Minor in Asian Language Study (Specialize in Japanese) Specialization in Computing Member of Phi Beta Kappa Honor Society

Grants, Honors and Awards

2023	IPA Student Award, International Phonetic Association (GBP600)
2023	Dean of Arts Graduate Student Research Award, UBC (CAD1,000)
2019	Departmental Honor, Department of Linguistics, UCLA (USD500)
2019	Undergraduate Research and Travel Awards, Department of Linguistics, UCLA (USD900)

Teaching Experience

2023-2024	
T1	TA for Linguistic Theory and Analysis I
T2	TA for LING314 Articulatory phonetics
2022-2023	
T1	TA for LING100 Intro to Language and Linguistics
T2	TA for LING314 Articulatory phonetics
Summer	TA for LING200 Linguistic Theory and Analysis I
2021-2022	
T1	TA for LING313 Introduction to Phonetics and Speech Science
T2	TA for LING100 Intro to Language and Linguistics
Summer	TA for LING200 Linguistic Theory and Analysis I

Teaching Training

May 2023	Completion of the Summer Teaching Institute at the Centre for the Integration of Research, Teaching and Learning (CIRTL), UBC
March 2023	Completion of the Instructional Skills Workshops at UBC

Research Mentorship Experience

Aug. 2022 – Feb. 2023	Al-Shami, J., Influence of lexical items on color perception. The Research EXperience program (REX) at UBC

Employment

Nov. 2022 – present	**UBC Language Sciences Institute**, Graduate Student Representative Organizing social events, organizing Graduate Students and Postdoctoral Fellow Research Day, connect departments and individuals doing language-related research
Sept. 2021 – present	**Language Latitudes: Expanding Our Understanding of Language Attitudes (SSHRC funded)**, Graduate Research Assistant Project Team: Dr. Amanda Cardoso, Dr. Molly Babel, Dr. Marie-Eve Bouchard, Dr. Erez Levon, Sarah Lafleur, Line Lloy Organizing three public events, one academic workshop, and workshop series in collaboration with the Vancouver Independent School for Science and Technology (VISST)
Aug. 2019 – Aug. 2020	**HERE North America, LLC**, Mandarin Chinese and Japanese Annotator
Aug. 2018 – Sept. 2018	**Perception Experiment of Hani Language**, Field Work Research Assistant Project Leads: Dr. Meng Yang, Dr. Megha Sundara, and Dr. Patricia Keating

Service

Aug. 2022 – present	**University of British Columbia, Linguistics Department**, Graduate Student Coordinator on Research Seminar and Colloquia series Invite UBC-internal and external speakers, organize UBC linguistics talk series and LinguisticsNOW even in collaboration with the Linguistics Department at Simon Fraser University.

Invited Talk and Guest Lectures

Nov. 2023	Liu, Suyuan. Do speech models develop human-like perception? A comparison between human and wav2vec2 categorization of English stop voicing. COGS 200, University of British Columbia, Vancouver, Canada.
Oct. 2023	Liu, Suyuan. Do speech models develop human-like perception? A comparison between human and wav2vec2 categorization of English stop voicing. LING 370A, University of Victoria (online).
May 2021	Liu, Suyuan. Nasal coda neutralization in Shanghai Mandarin: Articulatory and perceptual evidence. Fudan University Linguistics Salon, Shanghai, China.

Publications

Conference proceedings

2023	**Liu, S.** & Babel, M., (2023) Production and perception of Mandarin /i/-nasal rhymes. In: Radek Skarnitzl and Jan Volín (Eds.), Proceedings of the 20th International Congress of Phonetic Sciences (pp. 142–146). Guarant International.
2023	Cardoso, A., **Liu, S.**, Pritchard, R., Babel, M.(2023). Simultaneous vowel changes in British Columbian English. In: Radek Skarnitzl and Jan Volín (Eds.), Proceedings of the 20th International Congress of Phonetic Sciences (pp. 3006–3010). Guarant International.

Peer-reviewed Paper

Dec. 2020	Faytak, Matthew, **Suyuan Liu**, Megha Sundnara. Nasal coda neutralization in Shanghai Mandarin: Articulatory and perceptual evidence. Laboratory Phonology 11(1), 23.

Conference Posters and Talks

Jan. 2024	**Suyuan Liu**. Do speech models develop human-like perception? A comparison between English stop voicing classification by humans and wav2vec2. 97th Annual Meeting of the LSA, New York, NY, United States. (talk)
Aug. 2023	**Suyuan Liu** and Molly Babel. Perception and production of Mandarin /i/-nasal rhymes. 20th International Congress of Phonetic Sciences, Prague, Czech Republic. (poster)
May. 2022	**Suyuan Liu**, Sijia Zhang and Márton Sóskuthy. Evaluating the accuracy of forced alignment across Mandarin varieties. 182nd Meeting of the Acoustical Society of America. Denver, CO, United States (poster, joined online). also given at
May. 2022	4th Cascadia Workshop in Sociolinguistics. UBC, Vancouver, Canada (talk, online).
Jun. 2021	Michelle Kamigaki-Baron, **Suyuan Liu**, Alex Nastevski, Bingqing Yu, Gillian De Boer, Jesse Hawker and Bryan Gick. How do masks affect the way we speak? Association canadienne de linguistique Canadian Linguistic Association 2021. (poster, online)
Jan. 2020	**Suyuan Liu**, Matthew Faytak and Megha Sundara. Articulation and perception of Mandarin coda nasals by Shanghainese-Mandarin bilinguals. 94th Annual Meeting of the LSA, New Orleans, LA, United States. (talk)

Languages

Mandarin (Native), English (Fluent), Japanese (Advanced, JLPT N1)

Computing

`Praat`, LaTeX, R, Python, C++