Tianle Yang

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EDUCATION

Feb 2018 - Jan 2022   Bachelor of Information Technology, Australian National University
Aug 2023 - Present   Ph.D. in Linguistics, University at Buffalo SUNY

RESEARCH INTEREST

Phonetics; Tone; Computational linguistics; Documentation and analysis of endangered languages

HONORS, FUNDING AND AWARDS

2023-28   Fellowship, University at Buffalo ($23,000 per year)

2024   Conference funding ($1,000), Graduate Student Association and UB Linguistic Department

2021   Research assistantship ($1,000), Documenting words and acoustics in Chinese Wu sites

2019   Silver medal in Kaggle Prediction Competition

PUBLICATIONS

Conference Proceedings

2022   Phil Rose & Tianle Yang. "Modeling Interaction between Tone and Phonation Type in the Northern Wu Dialect of Jinshan." The 18th Australasian International Conference on Speech Science and Technology. December 13th-16th, Canberra, Australia. [PDF preview]

2022   Kun Mao, Tianle Yang. "Emotion-related One-on-one Japanese Online Classroom Study." The 2022 International Conference on Education, Psychology, Humanities and Historical Research. December 17th-18th, Chicago, USA. [PDF preview]

Reports and Other Publications

2022   Tianle Yang. "Neural networks with different initialization methods for depression detection." https://doi.org/10.48550/arXiv.2205.04792.

2021   Tianle Yang. "Acoustic analysis of Jinshan citation tones in monosyllabic and selected disyllabic words." Final year research report at Australian National University.

CONFERENCE ACTIVITY

Conference Presentation and Poster

2024   Tianle Yang. "Acoustic analysis of Mundabli tones in monosyllabic words." PHUNY (Phonetics/Phonology in Upstate NY). March 9, 2024, New York, USA.

2024   Tianle Yang & Phil Rose. "Left dominant or right dominant? Problematic sandhi types in the Chinese Wu dialect of Jinshan." Linguistic Society of America Annual Meeting. January 4th–7th, New York, USA.

2022   Phil Rose & Tianle Yang. "Modeling Interaction between Tone and Phonation Type in the Northern Wu Dialect of Jinshan." The 18th Australasian International Conference on Speech Science and Technology. December 13th–16th, Canberra, Australia.

2022   Kun Mao, Tianle Yang. "Emotion-related One-on-one Japanese Online Classroom Study." The 2022 International Conference on Education, Psychology, Humanities and Historical Research. December 17th-18th, Chicago, USA.

SERVICE

Academic Journal Peer Review

International Journal of Language Education

PROFESSIONAL MEMBERSHIPS

2022–present   Acoustical Society of America

2022–present   Linguistics Society of America

2022–present   International Speech Communication Association

2022–2023   Australasian Speech Science and Technology Association

WORK EXPERIENCE

2023–present   Phonetics Research Assistant

RESEARCH SKILLS

Languages

Native   Mandarin, Chinese Wu

Fluent   English, Japanese

Other   Latin (Working knowledge), Min and Hlai (Fieldwork)

Computing

Python, Haskell, SQL, R, JAVA