

YUAN CHAI

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Education

2017-2022 **University of California San Diego (UCSD)**

Ph.D. in Linguistics, September 2022

Advisor: Dr. Marc Garellek

Dissertation: *Phonetics and Phonology of checked phonation, syllables, and tones*

Dissertation committee: Dr. Marc Garellek (chair), Dr. Gabriela Caballero, Dr. Sarah Creel, Dr. Sharon Rose, Dr. Will Styler

2015-2017 **University of Colorado, Boulder (CUB)**

M.A. in Linguistics, May 2017

Advisor: Dr. Rebecca Scarborough

MA thesis: *Predicting Discrimination Accuracy by Assimilation Pattern: How do Mandarin Speakers Discriminate English Vowels?*

2011-2015 **Beijing Normal University (BNU)**

B.A. in English Language and Literature, June 2015

Publications

- 2022 **Chai, Y.** & Ye, S. Checked syllables, checked tones, and tone sandhi in Xiapu Min. *Languages* 7: 47. doi: 10.3390/languages7010047.
- 2022 **Chai, Y.**, Kunda, T., Rodríguez, A. & Rose, S. The prosody of declaratives and questions in Rere. 2022. In H. Kubozono, J. Ito & A. Mester (Eds.), *Prosody and Prosodic Interfaces*, Oxford: Oxford University Press. doi: 10.1093/oso/9780198869740.003.0011.
- 2022 Caballero, G., **Chai, Y.** & Garellek, M. Stress, tone, and intonation in Choguita Rarámuri. 2022. In H. Kubozono, J. Ito & A. Mester (Eds.), *Prosody and Prosodic Interfaces*, Oxford: Oxford University Press. doi: 10.1093/oso/9780198869740.003.0008.
- 2021 Garellek, M., **Chai, Y.**, Huang, Y. & Van Doren, M. Voicing of glottal consonants and non-modal vowels. *Journal of the International Phonetic Association*. doi: 10.1017/S0025100321000116.
- 2019 **Chai, Y.** 2019. The Source of Creak in Mandarin. *Proceedings of ICPhS 2019*. Retrieved from https://assta.org/proceedings/ICPhS2019/papers/ICPhS_1907.pdf.

Manuscripts

- 2021 **Chai, Y.** Predicting discrimination accuracy by assimilation pattern, overlap score, and acoustic properties. *UC San Diego: San Diego Linguistic Papers* 9. Available online: <https://escholarship.org/uc/item/44b0m25r>
- 2021 **Chai, Y.** Predicting discrimination accuracy by assimilation pattern, overlap score, and acoustic properties. *UC San Diego: San Diego Linguistic Papers* 8. Available online: <https://escholarship.org/uc/item/8mg0x5pb>

Under review **Chai, Y.** & Garellek, M. On H1–H2 as an acoustic measure of linguistic phonation type.

Journal of the Acoustical Society of America.

in prep. Huaute, I. & **Chai, Y.** Cahuilla. *Journal of the International Phonetic Association.*

Conference Presentations

- 2021 **Chai, Y.** & Ye, S. *Perception of checked tones in Xiapu Min.* 181st Meeting Acoustical Society of America. doi: <https://doi.org/10.1121/10.0008390>.
- 2020 **Chai, Y.** *The role of tone in TAM, verb class, and subject agreement in Rere.* Annual Conference on African Linguistics 51 (canceled due to covid).
- 2019 **Chai, Y.** & Garellek, M. *Using H1 instead of H1–H2 as an acoustic correlate of glottal constriction.* 178th Meeting Acoustical Society of America. doi: <https://doi.org/10.1121/1.5137416>.
- Chai, Y.** & Ye, S. *The neutralization of Xiapu Min tones in disyllabic tone sandhi forms.* ASA 2019. 178th Meeting Acoustical Society of America. doi: <https://doi.org/10.1121/1.5137417>.
- 2019 **Chai, Y.** *The Source of Creak in Mandarin.* 19th International Congress of Phonetic Sciences.
- 2019 **Chai, Y.** *The Source of Creak in Mandarin: Utterance Position or F0?* Linguistic Society of America 2018 Annual Meeting.
- 2018 **Chai, Y.** *Less Proficient, More Gestures?* 44th Annual Meeting of the Berkeley Linguistics Society.

Fieldwork Experience

- 2020-2021 Yateé Zapotec: Los Angeles, CA (remote)
- 2019-2021 Xiapu Min: Xiapu, Fujian, China (on-site and remote)
- 2019-2020 Rere: San Diego, CA (on-site and remote)

Teaching Experience

Instructor of record

Winter 2021 LIGN 8: Languages and Cultures of America

Teaching assistant

- 2019-2020 LIDS 19: Directed Study-Language. Supervisor: Prof. Grant Goodall
- Spring 2021 LIGN 101: Introduction/Study to Language. Instructor: Prof. Will Styler
- Fall 2018, 20 LIGN 110: Phonetics. Instructor: Prof. Marc Garellek
- 2017-2020 LIGN 8: Languages and Cultures of America. Instructors: Profs. Justin McIntosh, Priyanka Biswas, Gabriela Caballero
- Winter 2018 LIGN 112: Speech Sounds and Speech Disorders. Instructor: Prof. Marc Garellek
- Fall 2016 LING 3100: Language Sounds Structures. Instructor: Prof. Mans Hulden

Mentoring

- Winter, Grace Kim, Kaylina Moreno, Marilyn Sun, Chunxiao Zhang, Zhien Zhang, LIGN 199
- Spring 2022 (Independent Research) on “Survey of checkedness”.
Faculty advisor: Prof. Emily Clem

Winter, Grace Kim, Eliana Marvizon, Kaylina Moreno, Lesly Nunez, Daniela Vasquez, Zhien
 Spring, Fall Zhang, LIGN 199 (Independent Research) on “Yateé Zapotec documentation” project and
 2021 “Survey of checkedness” project.
 Faculty advisor: Prof. Emily Clem

Research assistantships

2018 Rarámuri fieldwork project. Supervisors: Profs. Gabriela Caballero and Marc Garellek
 2015-2016 Phonetic training strategies for non-native speech perception. Supervisor: Dr. Kate Phelps
 Ridgeway

Service

2020-2021 Editor of San Diego Linguistics Papers, UC San Diego
 2017-2020 Department representative at Graduate Student Association, UC San Diego
 2017, 18 Instructor at Oasis English Summer Camp at Xiapu No.1 High School, China

Reviewing

2019 Journal of the American Statistical Association

Awards

2022 Graduate Research and Travel Awards, International Institute, UCSD
 2021 First place Best Student Paper Award at 181st Meeting of the Acoustical Society of
 America
 2019 TA Excellence Award, UCSD Department of Linguistics
 2019 Friends of International Center Scholarship, UCSD
 2015 Honor Graduate, Beijing, China
 2014 National Scholarship, Beijing Normal University
 2014 First-Class Academic Scholarship, Beijing Normal University
 2014 Honor Roll Student, Beijing Normal University
 2012-2013 First-Class Academic Scholarship, Beijing Normal University
 2011-2012 Third-Class Academic Scholarship, Beijing Normal University

Skills

Programming R; HTML; CSS; JavaScript; Python; Praat; SQL
 Software Praat; ELAN; VoiceSauce; PsychoPy

Language Proficiency

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|--------------------------|------------------------------|
| Mandarin (native) | French (intermediate) |
| English (fluent) | Spanish (basic) |
| Xiapu Min (research) | Rere (research) |
| Yateé Zapotec (research) | Choguita Rarámuri (research) |
| Cahuilla (research) | |