

Aletheia Cui

Curriculum Vitae

Wyncote, PA

<https://aletheiacui.github.io/>

Professional Appointments

- 2023-2025 Lecturer, Department of Linguistics, University of Pennsylvania.
- 2021-2023 Postdoctoral Fellow, Institute for Phonetics and Speech Processing, Ludwig Maximilian University of Munich, Germany.

Education

- 2020 **PhD in Linguistics**, University of Pennsylvania, Philadelphia, PA
Dissertation: The Emergence of Phonological Categories
Advisor: Charles Yang
- 2013 **BA in Linguistics**, *magna cum laude*, Cornell University, Ithaca, NY

Journal Publications

- In prep **Cui, Aletheia** and Jianjing Kuang. Perceptual equivalence between co-varying cues in the register contrast of Southern Yi.
- 2019 **Cui, Aletheia** and Kuang, Jianjing. The effects of musicality and language background on cue integration in pitch perception. *Journal of the Acoustical Society of America*, 146(6), 4086-4096.
- 2018 Kuang, Jianjing, and **Aletheia Cui**. Relative cue weighting in production and perception of an ongoing sound change in Southern Yi. *Journal of Phonetics*, 71, 194-214.

Refereed Conference Proceedings

- 2022 Liao, Sishi and Hoole, Phil and Cunha, Conceição and Kunay, Esther and **Cui, Aletheia** and Shigemori, Lia Saki Bučar and Kleber, Felicitas and Voit, Dirk and Frahm, Jens and Harrington, Jonathan. Nasal Coda Loss in the Chengdu Dialect of Mandarin: Evidence from RT-MRI. In *Proceedings Interspeech 2022*.
- 2019 **Cui, Aletheia**, and Kuang, Jianjing. The effect of musicality on cue selection in pitch perception by English and Mandarin Speakers. In *Proceedings of the 19th International Congress of Phonetic Sciences*.
- 2015 **Cui, Aletheia**, and Taylor Jones. An investigation of intervocalic affricate simplification in Mandarin. In *Proceedings of the 18th International Congress of Phonetic Sciences*.

Fellowships and Awards

- 2021-2023 Humboldt Research Fellowship, Alexander von Humboldt Stiftung
- 2019-2020 Dissertation Completion Fellowship, School of Arts and Sciences, University of Pennsylvania
- 2014-2019 Benjamin Franklin Fellowship, University of Pennsylvania
 - 2019 Graduate Student Conference Travel Grant, Center for East Asian Studies, University of Pennsylvania
 - 2019 Dean's Travel Subvention, School of Arts and Sciences, University of Pennsylvania
 - 2018 Dean's Travel Subvention, School of Arts and Sciences, University of Pennsylvania
 - 2016 NSF East Asia and Pacific Summer Institutes (EAPSI) Fellowship to Yunnan Minzu University
 - 2010 Martijn Zwart Prijs for Dutch Language and Culture Immersion

Conference Presentations

- 2019 **Cui, Aletheia**, and Kuang, Jianjing. The effect of musicality on cue selection in pitch perception by English and Mandarin Speakers. Poster presented at the 19th International Congress of Phonetic Sciences, Melbourne, Australia.
- 2018 Kuang, Jianjing and **Aletheia Cui**. Perceptual equivalence between co-articulated cues during a sound change in progress. Poster presented at the 16th Conference on Laboratory Phonology, Lisbon, Portugal.
- 2016 Kuang, Jianjing, and **Aletheia Cui**. Relative cue weighting in perception and production of a sound change in progress. Talk presented at the 15th Conference on Laboratory Phonology. Cornell University, Ithaca, NY.
- 2016 Kuang, Jianjing, **Aletheia Cui**, and Yan Lu. Relative cue weighting of the register contrast in Southern Yi. Talk presented at the 90th Annual Meeting of the Linguistic Society of America, Washington, DC.
- 2015 **Cui, Aletheia**, and Yang, Charles. Minimal pairs and vowel categories. Talk presented at the Northeast Computational Phonology Meeting, University of Delaware, Newark, DE.
- 2015 **Cui, Aletheia**, and Jones, Taylor. An investigation of intervocalic affricate simplification in Mandarin. Poster presented at the 18th International Congress of Phonetic Sciences, Glasgow, Scotland.

Campus and Departmental Talks

- 2022 **Cui, Aletheia**. Stability and shift among co-varying cues during an ongoing sound change in Southern Yi. Talk presented at Doc/post-doc colloquium, LMU München.
- 2021 **Cui, Aletheia** Perceptual equivalence between co-varying cues in the register contrast of Southern Yi. Talk presented at Methoden und Ansätze moderner phonetischer Forschung, LMU München.

- 2019 **Cui, Aletheia**. Minimal pairs and the emergence of phonological categories. Talk presented at the Integrated Language Science and Technology Seminar, University of Pennsylvania.
- 2017 **Cui, Aletheia**. The relationship between the production and the perception of pitch. Talk presented at Penn Phonetics Lab Meeting, University of Pennsylvania.
- 2016 **Cui, Aletheia**. Perceptual equivalence between co-articulated cues during a sound change in progress. Talk presented at Penn Phonetics Lab Meeting, University of Pennsylvania.
- 2015 **Cui, Aletheia** and Charles Yang. Minimal pairs and vowel categories. Talk presented at the Common Ground Seminar, Institute for Research in Cognitive Science, University of Pennsylvania.

Research and Fieldwork Experience

- 2017 Research Assistant at the Penn Phonetics Laboratory; Supervisor: Prof Jianjing Kuang
- 2016 Independent fieldwork on Southern Yi in Yunnan, China, NSF EAPSI China Fellow
- 2015 Fieldwork on Southern Yi in Yunnan, China as Research Assistant to Prof Jianjing Kuang

Teaching

- Spring 2025 Instructor for LING 2300/5300: Sound Structure of Language
- Spring 2025 Instructor for LING 2220/5220: Phonetics II: Data Science
- Fall 2024 Instructor for LING 2700: Language Acquisition
- Fall 2024 Instructor for LING 0001: Introduction to Linguistics
- Spring 2024 Instructor for LING 0001: Introduction to Linguistics
- Spring 2024 Instructor for LING 2220/5220: Phonetics II: Data Science
- Fall 2023 Instructor for LING 2700: Language Acquisition
- Fall 2023 Instructor for LING 4000: Tutorial in Linguistics
- Fall 2016 Teaching Assistant for LING 115: Writing Systems
- Summer 2016 Guest Lecturer, Experimental Methodology in Phonetics, Yunnan Minzu University
- Spring 2016 CTL Teaching Certificate, Center for Teaching and Learning, University of Pennsylvania
- Fall 2015 Teaching Assistant for LING120: Introduction to Speech Analysis

Service

- 2014–2019 Copy Editor, Penn Working Papers in Linguistics
- 2017–2018 Panel Organizer, Penn Linguistics Conference 42
- 2016–2017 Co-President, Penn Graduate Linguistics Society
- 2015–2016 Co-Chair, Penn Linguistics Conference 40

- 2014–2015 Department Representative at the Graduate Student Government of the School of Arts and Sciences, University of Pennsylvania
- 2014–2015 Organizing Committee, Penn Linguistics Conference 39
- 2013 Chair, Cornell Undergraduate Linguistics Colloquium 7
- 2012–2013 President, Cornell Undergraduate Linguistics Club
- 2009–2012 Organizing Committee, Cornell Undergraduate Linguistics Colloquium 4, 5, 6
- 2011–2012 Vice President, Cornell Undergraduate Linguistics Club

Skills

- Languages English (Fluent), Mandarin (Fluent), Spanish (Intermediate), German (Intermediate)
- Programming Python, R, \LaTeX , Matlab/Octave, Praat script, Javascript, bash, HTML, CSS

References

Available upon request