Nicholas Bamshad Aoki

Curriculum Vitae
as of December 16, 2023

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RESEARCH INTERESTS

Phonetics/phonology, speech perception, psycholinguistics, speaking style variation, sociolinguistics, human-computer interaction

EDUCATION

2021-   **University of California Davis,** Davis, CA
Doctor of Philosophy in Linguistics
Cumulative GPA: 4.00/4.00

2021   **University of Chicago**, Chicago, IL
Master of Arts in Digital Studies of Language, Culture, and History
Cumulative GPA: 4.00/4.00
Thesis: Do Hillary Clinton and Kamala Harris Imitate the Accent of their Audience at Campaign Rallies?

2021   **University of Chicago**, Chicago, IL
Bachelor of Arts in Linguistics, Minor in Statistics
Cumulative GPA: 3.95/4.00
College Honors: Phi Beta Kappa, Student Marshal, *summa cum laude*

PUBLICATIONS

Peer-Reviewed Journal Articles

2023   **Aoki, Nicholas B.** and Georgia Zellou. Visual information affects adaptation to novel talkers: ethnicity-specific and ethnicity-independent learning of L2-accented speech. Under second round of review at *The Journal of the Acoustical Society of America*, 154(4), 2290-2304.

2022   **Aoki, Nicholas B.**, Michelle Cohn, and Georgia Zellou. The clear speech intelligibility benefit for text-to-speech voices: Effects of speaking style and visual guise. *The Journal of the Acoustical Society of America Express Letters, 2*(4), 045204.

Refereed Conference Proceedings

2023   **Aoki, Nicholas B.** and Georgia Zellou. When clear speech does not enhance memory: Effects of speaking style, voice naturalness, and listener age. *Proceedings of Meetings on Acoustics, 51*(1), 060002.

2023   **Aoki, Nicholas B.** and Georgia Zellou. Speakers talk more clearly when they see an East Asian face: Effects of visual guise on speech production. In Radek Skarnitzl & Jan Volín (Eds.), *Proceedings of the 20ᵗʰ International Congress of Phonetic Sciences* (pp. 2294-2298). Guarant International.

MANUSCRIPTS UNDER PEER REVIEW

2023   **Aoki, Nicholas B.** and Georgia Zellou. When "clear speech" is not more clear: Intelligibility of hard-of-hearing-directed and non-native-directed speech for L1- and L2-English listeners. Under review at *Journal of Phonetics*.

2023   Vonessen, J., **Nicholas B. Aoki**, Michelle Cohn, and Georgia Zellou. Comparing perception of L1 and L2 English by human listeners and machines: Effect of interlocutor adaptations. Under review at *The Journal of the Acoustical Society of America*.

CONFERENCE PRESENTATIONS

2023   **Aoki, Nicholas B.** and Georgia Zellou. Ethnicity-specific and -independent learning: Effects of guise on adaptation to novel foreign-accented talkers. *98ᵗʰ Annual Meeting of the Linguistic Society of America*. New York City, New York, United States.

2023   **Aoki, Nicholas B.** and Georgia Zellou. When speaking clearly does not enhance comprehension: Comparing intelligibility of hard-of-hearing- and non-native-directed speech for native and non-native listeners. *185ᵗʰ Meeting of the Acoustical Society of America*. Sydney, Australia.

2023   **Aoki, Nicholas B.** and Georgia Zellou. Ethnicity-specific and -independent learning: Effects of guise on adaptation to novel foreign-accented talkers. *New Ways of Analyzing Variation 50*. New York City, New York, United States.

2023   **Aoki, Nicholas B.** and Georgia Zellou. Speakers talk more clearly when they see an Asian face: Effects of visual guise on speech production. *20ᵗʰ International Congress of Phonetic Sciences*. Prague, Czech Republic.

2023   **Aoki, Nicholas B.** and Georgia Zellou. Comparing intelligibility and recognition memory of human and text-to-speech voices. *184ᵗʰ Meeting of the Acoustical Society of America*. Chicago, Illinois, United States.

2023   **Aoki, Nicholas B.**, Masoud Jasbi, and Georgia Zellou. Under-informative utterances can be more accepted from digital devices than humans. *97ᵗʰ Annual Meeting of the Linguistic Society of America*. Denver, Colorado, United States.

2022   **Aoki, Nicholas B.** and Georgia Zellou. Hey Alexa, are you a Valley Girl? Effects of social information on the perception of text-to-speech voices. *New Ways of Analyzing Variation 50*. San Jose, California, United States.

2022   **Aoki, Nicholas B.**, Michelle Cohn, and Georgia Zellou. The Clear Speech Intelligibility Benefit for TTS Voices: Effects of Speech Style and Guise. *The 18th Conference on Laboratory Phonology*, Virtual.

2021   **Aoki, Nicholas B.** and Alan C. L. Yu. Do Hillary Clinton and Kamala Harris Imitate the Accent of Their Audiences? Analysis and Interpretation of Stylistic Variability. *New Ways of Analyzing Variation 49,* Virtual.

2020   **Aoki, Nicholas B.**, Henry Mackall, and Alan C. L. Yu. Does Variation in Speech Production Impact Acoustic Cue Weighting in Speech Perception? *2021 University of Chicago Undergraduate Research Symposium*, Virtual.

2020   **Aoki, Nicholas B.**, Jacob B. Phillips, Daniel Chen, and Alan C. L. Yu. Convergence of the lot-thought merger in the U.S. Supreme Court. *94th Annual Meeting of the Linguistic Society of America*, New Orleans, Louisiana, United States.

MEDIA APPEARANCES

2023   Setzer, Kat. Student Paper Competition: Chicago [19:49-30:53]. Across Acoustics [Official Podcast of the Acoustical Society of America]. https://acrossacoustics.buzzsprout.com/1537384/14065240-student-paper-competition-chicago

AWARDS AND HONORS

2023   Proceedings of Meetings on Acoustics Student Paper Competition Winner, Acoustical Society of America, $300

2023   "Down Under Funder" Travel Grant, Acoustical Society of America, $1,000

2023   Steven Lapointe Award, UC Davis Department of Linguistics, $850

2023   Student Award, International Phonetic Association, GBP 600

2022   Travel Award, UC Davis Graduate Student Association, $250

2022-2023   Graduate Research Mentorship Fellowship, UC Davis, $48,900

2021-2022   Provost's Fellowship in the Arts, Humanities, and Social Sciences, UC Davis, $59,802

2021   Latin Honors (summa cum laude), Univ. of Chicago

2021   Leonard Bloomfield Prize in Linguistics, Univ. of Chicago

2020   Phi Beta Kappa (Early Induction), Univ. of Chicago

2020   Student Marshal, Univ. of Chicago

2020   College Summer Research Fellow, Univ. of Chicago, $5,000

2019-2020	College Research in the Arts, Social Sciences, and Humanities Scholar, Univ. of Chicago $5,000
2019	Jeff Metcalf Internship, Univ. of Chicago
2019	Dean's Fund for Undergraduate Research Award, Univ. of Chicago, $1,271
2019	Liew Family College Research Fellow, Univ. of Chicago, $1,000
2017-2021	Dean's List, Univ. of Chicago
2017-2021	National Merit Scholarship, $8,000

TEACHING

Teaching Assistant

LIN 171 – Introduction to Psycholinguistics (Winter 2024)

LIN 001 – Introduction to Linguistics (Fall 2023)

SERVICE

Reviewing

Ad-hoc Journal Reviewing: Journal of the Acoustical Society of America (Co-Reviewer with Georgia Zellou)

Conference Abstract Reviewing: UC Davis Cluster on Language Research Symposium (2022, 2023)

Organized Sessions and Symposia

2023	UC Davis Cluster on Language Research Symposium (co-organized with Roxanne Elliott and Ana Ortega Pérez)

Other Service

2023-	Website Manager, UC Davis Linguistics Department
2023-	UC Davis Graduate Student Association Representative
2022-2023	Sacramento Public Library Adult Literacy Program Tutor
2021-2022	UC Davis Graduate and Professional School Events Grant Review Board
2020-2021	Univ. of Chicago Senior Class Gift Committee
2017-2021	Univ. of Chicago Phoenix Tutoring (President, Session Coordinator, Tutor)

LANGUAGES

English (L1 or "native"), French (advanced), Spanish (advanced), Japanese (intermediate), Farsi (beginning)

TECHNICAL SKILLS

Proficient in: R, Python, Praat, Qualtrics, LaTeX, HTML, CSS, FAVE, ProsodyPro, WebMAUS, MS Word, MS Excel, Zoom

Knowledge of: MySQL, JavaScript, ELAN, E-Prime, eye-tracking, electroencephalography (EEG)

PROFESSIONAL MEMBERSHIPS

2023-	Acoustical Society of America
2023-	International Phonetic Association
2022-	Association for Laboratory Phonology
2020-	Linguistic Society of America
2020-	Phi Beta Kappa

REFERENCES

Georgia Zellou
Associate Professor of Linguistics
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Fernanda Ferreira
Professor of Psychology
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