# Nicholas Bamshad Aoki

Curriculum Vitae
as of October 16, 2023

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## RESEARCH INTERESTS

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

## EDUCATION

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

2021         **University of Chicago**, Chicago, IL
*Master of Arts in Digital Studies of Language, Culture, and History*
<u>Cumulative GPA:</u> 4.00/4.00
<u>Thesis:</u> 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*
<u>Cumulative GPA:</u> 3.95/4.00; *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. Submitted for consideration to *Journal of Phonetics*.

### 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.

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| 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. |

### AWARDS AND HONORS

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| 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 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*

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

*Other Service*

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| 2023- | UC Davis Graduate Student Association Representative |
| 2022- | 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**

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| 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
University of California, Davis
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