

# Nicholas Bamshad Aoki

Curriculum Vitae  
as of June 15, 2023

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## RESEARCH INTERESTS

Phonetics/phonology, speech perception, sociolinguistics,  
human-computer interaction

## EDUCATION

- 2021- **University of California Davis**, Davis, CA  
*Doctor of Philosophy in Linguistics*
- 2021 **University of Chicago**, Chicago, IL  
*Master of Arts in Digital Studies of Language, Culture, and History*
- 2021 **University of Chicago**, Chicago, IL  
*Bachelor of Arts in Linguistics, Minor in Statistics*  
Cumulative GPA: 3.95/4.00; *summa cum laude*

## INTERNATIONAL STUDIES

- 2018 Advanced French Study Abroad, **University of Chicago**, Paris, France

## PUBLICATIONS

- 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. *Proceedings of the 20<sup>th</sup> International Congress of Phonetic Sciences (ICPhS)*.
- 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*.

## PRESENTATIONS

- 2023 **Aoki, Nicholas B.** and Georgia Zellou. Speakers talk more clearly when they see an Asian face: Effects of visual guise on speech production. *20<sup>th</sup> International Congress of Phonetic Sciences (ICPhS)*.
- 2023 **Aoki, Nicholas B.** and Georgia Zellou. Comparing intelligibility and recognition memory of human and text-to-speech voices. *184<sup>th</sup> Meeting of the Acoustical Society of America (ASA)*.

- 2023 **Aoki, Nicholas B.**, Masoud Jasbi, and Georgia Zellou. Under-informative utterances can be more accepted from digital devices than humans. *97<sup>th</sup> Annual Meeting of the Linguistic Society of America (LSA)*.
- 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 (NWAV) 50*, Stanford University.
- 2022 **Aoki, Nicholas B.**, Michelle Cohn, and Georgia Zellou. The Clear Speech Intelligibility Benefit for TTS Voices: Effects of Speech Style and Guise. *The 18<sup>th</sup> Conference on Laboratory Phonology*.
- 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 (NWAV) 49*, University of Texas at Austin.
- 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*.
- 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. *94<sup>th</sup> Annual Meeting of the Linguistic Society of America (LSA)*.

### AWARDS AND FELLOWSHIPS

- 2023 Steven Lapointe Award, \$850, UC Davis (Department of Linguistics)
- 2023 International Phonetic Association (IPA) Student Award, GBP 600
- 2022 Graduate Student Association (GSA) Travel Award, \$250
- 2022-2023 Graduate Research Mentorship Fellowship, UC Davis
- 2021-2022 Provost's Fellow in the Arts, Humanities, and Social Sciences, UC Davis
- 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, \$5000
- 2019-2020 College Research in the Arts, Social Sciences, and Humanities Scholar, Univ. of Chicago \$5000
- 2019 Jeff Metcalf Internship, Univ. of Chicago
- 2019 Dean's Fund for Undergraduate Research Award, Univ. of Chicago, \$1271
- 2019 Liew Family College Research Fellow, Univ. of Chicago, \$1000
- 2017-2021 Dean's List, Univ. of Chicago
- 2017-2021 National Merit Scholarship

## RELEVANT COURSES

2023	Cognitive Psychology, UC Davis
2023	Principles of Typological Linguistics, UC Davis
2023	Advanced Phonological Theory & Analysis, UC Davis
2022	Politics of Bi & Multilingual Literacies, UC Davis
2022	Neurobiology of Language, UC Davis
2022	Speech Perception, UC Davis
2022	Advanced Syntax, UC Davis
2022	Advanced Semantics, UC Davis
2022	Multivariate Data Analysis, UC Davis
2021	Time Series Analysis, UC Davis
2021	Advanced Phonetics, UC Davis
2021	Contact Linguistics, Univ. of Chicago
2021	Natural Language Processing, Univ. of Chicago
2021	Data Publication for the Humanities, Univ. of Chicago
2021	Data Analysis for the Humanities, Univ. of Chicago
2021	Sociolinguistic Typology, Univ. of Chicago
2020	Computational Linguistics, Univ. of Chicago
2020	Data Management for the Humanities, Univ. of Chicago
2020	Evidentiality, Univ. of Chicago
2020	Introduction Data Science II, Univ. of Chicago
2020	Psycholinguistics, Univ. of Chicago
2019	Introduction to Data Science I, Univ. of Chicago
2019	Introduction to Categorical Data Analysis, Univ. of Chicago
2018	Linear Models and Experimental Design, Univ. of Chicago
2018	Applied Regression Analysis, Univ. of Chicago

## SERVICE

2022	<b>Reviewer</b> <ul style="list-style-type: none"> <li>• Cluster on Language Research Symposium (2021-2023)</li> <li>• Journal of the Acoustical Society of America (2022, Co-Reviewer with Georgia Zellou)</li> </ul>
2022-2023	<b>Co-Chair, Cluster on Language Research</b> <i>University of California Davis, Davis, CA</i> <ul style="list-style-type: none"> <li>• Co-organize a language research symposium with 100+ attendees</li> <li>• Co-host biweekly talks on language research</li> <li>• Co-lead a committee of 15 graduate students to organize the symposium</li> </ul>
2021-	<b>Member, Cluster on Language Research</b> <i>University of California Davis, Davis, CA</i> <ul style="list-style-type: none"> <li>• Review conference abstracts</li> <li>• Promote symposium via social media</li> <li>• Review applications for travel fellowship for underrepresented students</li> </ul>

- 2021-2022     **Member, Graduate and Professional School Events Grant Review Board**  
*University of California Davis, Davis, CA*
- Review grant applications for graduate organizations
  - Organize and catalog department journals and books for future reference
- 2020-2021     **Member, Senior Class Gift Committee**  
*University of Chicago, Chicago, IL*
- Recruit peers at the University of Chicago to support university programs
  - Raise awareness of university fundraising events by contacting peers on social media platforms and online events
  - Recruited by University of Chicago administration to help increase support for university-sponsored organizations and programs
- 2017-2021     **Phoenix Tutoring**  
*University of Chicago, Chicago, IL*
- Co-President (April 2019-June 2021);
  - Session Coordinator (April 2018-June 2019)
  - Tutor 3 students one-on-one in mathematics and English on Zoom during the COVID-19 pandemic
  - Manage 40 tutors across 3 weekly sessions to provide free tutoring for 38 local Chicago students online during the COVID-19 pandemic
  - Transitioned program to online tutoring during the COVID-19 pandemic
  - Serve as liaison between schools, tutors, and parents to recruit students and promote the program
  - Coordinate with administration to comply with university standards and policies

## LANGUAGES

English	Native fluency
French	Advanced proficiency
Spanish	Advanced proficiency
Japanese	Intermediate proficiency
Farsi	Basic proficiency

## 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)

**MEMBERSHIPS**

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

**ACTIVITIES**

2022- Sacramento Public Library Adult Literacy Program (Tutor)  
2005- National Kidney Foundation

**REFERENCES****Alan C. L. Yu**

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University of Chicago  
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**Georgia Zellou**

Associate Professor of Linguistics  
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