



NIYAZI OMER ARSLAN

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EDUCATION

2020 - 2024 (Expected)	Ph.D. in Speech and Hearing Sciences Emphasis: Auditory and Language Neuroscience Arizona State University GPA: 4.0
2017 - 2019	MSc in Speech and Hearing Sciences Marmara University Thesis: Comparison of Spectral Resolution Test Batteries in Normal Hearing and Cochlear Implant Users GPA: 4.0, High Honor Student
2012 - 2017	BSc in Audiology Bezmialem Vakif University, Thesis: Comparison of Click, Tonebursts, and Chirp Stimulated C-Vemp and O-Vemp Responses in Healthy People GPA: 3.79

EMPLOYMENT

2020 - Present	Graduate Teaching Associate, College of Health Solutions, Arizona State University
2020 - Present	Graduate Research Associate, Auditory Implant Lab, Arizona State University
2017 - 2019	Audiologist, Auditory Training Department, Ikem Isik Education and Rehabilitation Center (Istanbul/Turkey)
2016-2017	Intern, Audiology Clinic, Department of Neuroscience, University of Padova (Padua / Italy)

PUBLICATIONS

Peer Reviewed, Journal Publications

Arslan, N. O., & Luo, X. (2022). Assessing the relationship between pitch perception and neural health in cochlear implant users. *Journal of the Association for Research in Otolaryngology*, 1-13.

<https://doi.org/10.1007/s10162-022-00876-w>

Arslan, N. O., Akbulut, A. A., Köse, B., Karaman-Demirel, A., & Derinsu, U. (2021). Sound quality perception of cochlear implant recipients: low-frequency information and foreign-language effect. *International Journal of Audiology*, 1-9. <https://doi.org/10.1080/14992027.2021.2005833>

Non-Peer Reviewed

Arslan, N. O. (2023, January 23). Cochlear implants can bring the experience of sound to those with hearing loss, but results may vary – here's why. *The Conversation*.

Manuscripts in Preparation

Arslan, N.O. & Luo, X. Effect of pulse polarity on temporal and place pitch sensitivity of cochlear implant recipients.

Arslan, N.O. & Luo, X. Neural survival proximity to the stimulation site influences the advantages of current focusing on place-pitch ranking.

PRESENTATIONS

Oral Presentations

Arslan, N.O. & Luo, X. (2022). Neural Health Measures Are Correlated With Place Pitch Sensitivity of Cochlear Implant Users. *Talk presented at ARO 45th Annual MidWinter Meeting*.

Arslan, N.O. & Ciprut, A. (2019). Comparison of Spectral Resolution Test Batteries in Normal Hearing and Cochlear Implant Users. *Talk presented at Marmara University Audiology Alumni Meeting, Istanbul-Turkey*.

Arslan, N.O., Bal, N., Gedik, O., Aydın, Z., & Demirci, B. (2018). Comparison of Click, Tonebursts, and Chirp Stimulated C-Vemp and O-Vemp Responses in Healthy People. *Talk presented at National Audiology Congress, Istanbul- Turkey*.

Poster Presentations

Arslan, N.O. & Luo, X. (2023). The Effect of Pulse Shape on Pitch Sensitivity of Cochlear Implant Users. *Poster presented at CIAP 2023*.

Arslan, N.O. & Luo, X. (2023). Anodic-centered triphasic pulses may improve pitch perception in cochlear implant users. *Poster presented at 2023 ISSR Graduate Student Poster Contest*.

Arslan, N.O. & Luo, X. (2022). Neural Health Measures Are Correlated With Place Pitch Sensitivity of Cochlear Implant Users. *Poster presented at 2023 ISSR Graduate Student Poster Contest*.

TEACHING EXPERIENCE

Teaching Assistantships

Fall 2023 SHS 311: Hearing Science
 SHS 375: Speech Science
 SHS 401: Principles of Audiology

Spring 2023 SHS 555: Cochlear Implants

Fall 2022 SHS 401: Principles of Audiology
 SHS 310: Anatomical and Physiological Bases of Speech

Spring 2022 SHS 205: Exploring Communication Disorders in Children and Adults
 SHS 311: Hearing Science

	SHS 401: Principles of Audiology
Fall 2021	SHS 311: Hearing Science SHS 375: Speech Science SHS 310: Anatomical and Physiological Bases of Speech
Spring 2021	SHS 485: Acquired Speech and Language Disorders
Fall 2020	SHS 310: Anatomical/Physio Bases Speech SHS 401: Principles of Audiology
Guest Lectures	
Spring 2023	Topic: Speech Coding Strategies SHS 555: Cochlear Implants
Fall 2022	Topic: Ototoxicity and Pharmacology SHS 520: Auditory Pathologies/Disorders and Otoneurologic Applications

AWARDS & HONORS & GRANTS

2023	Award	"CIAP2023 Student Aid Award" issued by Conference on Implantable Auditory Prostheses Committee
2023	Award	"Graduate College Travel Award Q1" issued by ASU Graduate College
2023	Award	"CHS Graduate Student Support" issued by ASU College of Health Solutions
2023	Award	"Travel Grant" Issued by ASU Graduate and Professional Student Association
2022	Award & Honor	"The New Century Scholars Doctoral Scholarship" issued by The American Speech-Language-Hearing Foundation
2022	Award & Honor	"The Outstanding Speech and Hearing Ph.D. Student in Research Award and Scholarship" issued by College of Health Solutions, Arizona State University
2022	Award & Honor	"Honorable Mention in the Completed Category, Graduate Student Poster Competition" issued by The Institute for Social Science Research, Arizona State University
2022	Award	"ARO MidWinter Meeting Travel Award" Issued by Association for Research in Otolaryngology
2017-2019	Grant	Derinsu, U., Köse, B., Akbulut, A., Karaman, A., & Arslan, N.O. Assessment of Sound Quality Perception in Native-Turkish Speaking Adult Cochlear Implant Users Using TR-MUSHRA. Marmara University Department of Audiology
2016	Award	"Erasmus+ Traineeships Student Funding" Issued by European Commission
2015-2017	Award & Honor	"Academic Achievement Scholarship" Issued by Bezmialem Vakif University

TECHNICAL SKILLS

Programming & Web
Development:

Languages: PHP, Python, Java,
Web Technologies: HTML, CSS

Statistical & Data Analysis:

Languages: R, Python
Tools: SPSS

Signal Analysis

Languages: Matlab, Python
Tools: BEDCS, Praat, Audacity, Adobe Audition