




NIYAZI OMER ARSLAN

 (480) 468-6001

 narslan@asu.edu

 <https://www.linkedin.com/in/niyazi-arslan/>

 1201 S McClintock Dr. Apt 209 Tempe, AZ 85281

EDUCATION

2020 - 2024 (Expected)	Ph.D. in Speech and Hearing Sciences (Auditory and Language Neuroscience) Arizona State University, Tempe, Arizona, USA Thesis: Exploring the Relationship Between Pitch Sensitivity and Neural Health in Cochlear Implant Users GPA: 4.0
2017 - 2019	MSc. in Speech and Hearing Sciences Marmara University, Istanbul, Turkey 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 Bezmi Alem Vakıf University, Istanbul, Turkey 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, Tempe, Arizona, USA
2020 - Present	Graduate Research Associate, Auditory Implant Lab, Arizona State University, Tempe, Arizona, USA
2017 - 2019	Audiologist, Auditory Training Department, İKEM Isık 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*, 23, 875–887.

Arslan, N. O., Akbulut, A. A., Köse, B., Karaman-Demirel, A., & Derinsu, U. (2022). [Sound quality perception of cochlear implant recipients: low-frequency information and foreign-language effect](#). *International Journal of Audiology*, 61:12, 1045-1053.

Non-Peer Reviewed Articles

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](#) (in preparation for *Journal of the Acoustic Society of America*).

Arslan, N.O. & Luo, X. Effect of neural health on the benefits of current focusing in place-pitch sensitivity of cochlear implant recipients.

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 Association for Research in Otolaryngology 45th Annual MidWinter Virtual 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 in 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 in 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 *Conference on Implantable Auditory Prostheses 2023 (CIAP2023)*.

Arslan, N.O. & Luo, X. (2023). Anodic-centered triphasic pulses may improve pitch perception in cochlear implant users. Poster presented at *2023 Institute for Social Science Research 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 *2022 Institute for Social Science Research 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 and Physiological Bases of 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 Graduate College, Arizona State University
2023	Award	"College of Health Solutions Graduate Student Support" issued by College of Health Solutions, Arizona State University
2023	Award	"Travel Grant" Issued by Graduate and Professional Student Association, Arizona State University
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
Data Analysis:	Languages: R, Python Tools: SPSS
Signal Processing and Analysis:	Languages: MATLAB, Python Tools: Bionic Ear Data Collection System, Praat, Audacity, Adobe Audition