

**Karolina Charaziak, Ph.D.**

Caruso Department of Otolaryngology - Head & Neck Surgery  
University of Southern California  
Zilkha Neurogenetic Institute, Room 525  
1501 San Pablo St., Los Angeles, CA 90033

**Title:**

Assistant Professor of Otolaryngology Head & Neck Surgery

**Education/Training:**

BS, A. Mickiewicz University, Physics Department, Poland, 2006  
MS, A. Mickiewicz University, Physics Department, Poland, 2008  
PhD, Northwestern University, Department of Communication Sciences and Disorders, Evanston, IL, 2014  
Postdoctoral Fellowship, Harvard Medical School/MEEI, Eaton Peabody Laboratory, Boston, MA, 2016  
Postdoctoral Fellowship, University of Southern California, Department of Otolaryngology Head & Neck Surgery, Los Angeles, CA, 2021

**Prior service to ARO:**

ARO Poster-Blitz Organizing Committee (co-chair), 2021  
External Relations Committee, 2016  
Animal Research Committee, 2017-2018

**Research Interests:**

Cochlear mechanics and their role in generation of otoacoustic emissions  
Temporal processing in the inner ear  
Effects of sensory hearing loss on inner ear processing

**Clinical Interests:**

Objective test of sensory hearing loss

**Personal interests:**

Rock climbing, mountaineering, snowboarding, camping, baking sourdough and petting my three cats.

**Statement of Goals:**

I joined ARO community as a PhD student, back in 2011. Since then, I have attended every Midwinter meeting, contributing to the community with my research and volunteering for spARO, External Relations Committee, and Animal Research Committee. Over those years I had an opportunity to witness firsthand the incredible work that our organization does to advance the field of applied research and promote collaboration among our members. As Chair of the Communications Committee, I hope to implement more strategies to increase member engagement and participation among basic scientists as well as clinicians, further promote diversity and inclusion, but most importantly, I would like to continue the great work of ARO of raising public awareness about hearing and balance disorders.