

Assessing & Addressing Hearing, Vision & Olfaction in Individuals with Cognitive Impairment

Friday, July 26, 2024 | 8:00a.m. – noon
Marriott (Grand Ballroom C) — Philadelphia, USA
All times are in Eastern Standard Time
In-person attendance only

Overview

This ½ day hands-on workshop will cover 3 main topic areas and will provide: 1) an introduction to hearing and vision impairment in individuals with cognitive impairment, including data and perspectives from high-income to low- and middle-income countries, 2) hands-on training in the assessment of hearing, vision, and olfaction in individuals with cognitive impairment, and 3) hands-on assessment of cognitive function in individuals with hearing and/or vision impairment. The session is designed for researchers (junior to senior), as well as clinicians and staff working in either research or clinical settings. The first portion of the workshop will introduce the epidemiology and clinical presentation of hearing and vision impairment in individuals with cognitive impairment as well as the latest findings on the influence of hearing and vision impairment on individuals aging with cognitive impairment along with practical approaches to addressing these impairments. The second portion will include an orientation to available tablet- and smartphone-based assessment tools for hearing and vision screening, along with olfaction, that can be employed in clinical or research settings, with an emphasis on practical considerations and pragmatic approaches. The third portion of the workshop will include a review of best practices for the screening and assessment of cognitive function in individuals with hearing or vision concerns, including the incorporation of different testing materials, how to adjust the environment, and low-cost sensory aids for use during testing. This portion will feature small group stations at which attendees can working with actual screening devices (e.g., ShoeBOX, HearX) and sensory aids (e.g., Pocketalkers, OTC hearing aid, etc.). The workshop will provide attendees with information to incorporate hearing and vision assessments into routine practice in a clinical or research setting as well as how to best optimize cognitive testing for the hearing and vision needs of individuals with cognitive impairment.

Organizing Committee

- Carrie Nieman, Cochlear Center for Hearing & Public Health
- Iracema Leroi, Trinity College Dublin

- Esther Oh, Johns Hopkins University School of Medicine
- Nattawan Utoomprurkporn, Chulalongkorn University
- Natalie Phillips, Concordia University
- Walter Wittich, Université de Montréal

Target Audience

This ISTAART Immersive workshop is targeted to attendees who are in clinical practice, care & support, research and teaching roles and is pitched at a beginner-intermediate level.

Learning Objectives

1. Discuss the importance of screening for hearing, vision, and olfaction among individuals with cognitive impairment.
2. Incorporate practical accommodations for individuals with cognitive impairment to address hearing and/or vision impairments in a clinical and/or research setting.
3. Conduct hearing, vision, and olfaction screening for individuals with cognitive impairment.

Registration

Educational workshops are offered for in-person attendance only. Workshops require a separate registration fee in addition to AAIC full conference registration, or they may be purchased as stand-alone events.

Agenda

Time	Session Details	Speakers and Moderator
8:00 - 8:20 a.m.	Welcome & Overview	
8:20 - 8:55 a.m.	Session 1: Introduction to hearing, vision, and olfactory impairment	
8:55 - 9:25 a.m.	Session 2: Assessment of hearing, vision, and olfaction in individuals with cognitive impairment	
9:25 - 9:35 a.m.	Break	
9:35 - 10:05 a.m.	Session 3: Assessment of cognitive function in individuals with hearing and/or vision impairment	
10:05 - 10:10 a.m.	Break: Prep for Rotating Stations	
10:10 - 11:40 a.m.	Session 4: Rotating hands-on small group stations	
11:40 a.m. - noon	Wrap-up, Open Discussion & Post-workshop Evaluation	