

NACC & AD Knowledge Portal: AD/ADRD Multimodal Data Workshop

Friday, July 26, 2024 | 1-5 p.m.
Marriott (Grand Ballroom G,K,L) — Philadelphia, USA
All times are in Eastern Standard Time
In-person attendance only

Overview

Join this in-person workshop for a dynamic overview of the opportunities for leveraging and integrating multimodal data to address pressing challenges in AD/ADRD. Multimodal data from single individuals is rapidly growing in volume and complexity and includes EHR, clinical data, genomics and other omics data, blood-based biomarkers, and imaging data. This increased richness of data creates opportunities to tackle new research questions and to overcome challenges related to navigating data repositories and combining data across disparate modalities.

The workshop will begin with an overview of several existing data repositories in the AD/ADRD ecosystem. Attendees will then work in small teams to identify and outline research questions that are enabled by multimodal data and will pitch these ideas to a team of experts in the field. The workshop will conclude with a discussion about what infrastructure is most needed to facilitate multimodal data access and utilization to advance the field.

Organizing Committee

- Sarah Biber, National Alzheimer's Coordinating Center
- Anna Greenwood, Sage Bionetworks
- Zoë Leanza, Sage Bionetworks
- Hannah Rosentreter, National Alzheimer's Coordinating Center

Target Audience

This ISTAART Immersive workshop is targeted to attendees who are involved in research and is pitched at a beginner-intermediate-advanced level.

Learning Objectives

1. Discover the multimodal data resources that are available from some of the leading AD/ADRD data centers
2. Discuss how multimodal data can best be leveraged to address the most pressing AD/ADRD research questions
3. Identify multimodal data infrastructure needs, gaps, and solutions

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
1:00 - 1:20 p.m.	Introductions and workshop goals	
1:20 - 1:40 p.m.	Lightning talks highlighting available multimodal data in the AD/ADRD field	
1:40 - 2:15 p.m.	Participants will pitch ideas, problems, and research questions that can be tackled using multimodal data	
2:15 - 2:30 p.m.	Team formation based on common research questions	
2:30 - 2:45 p.m.	Break	
2:45 - 3:45 p.m.	Hour-long Team breakout discussions to develop research plans	
3:45 - 4:45 p.m.	Hour-long Sharebacks from research teams to the larger group	

4:45 - 5:00 p.m.	Takeaways from data and infrastructure needs	
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