



National Alzheimer's
Coordinating Center

2025 SPRING
ADRC
MEETING

MAY 4-7, 2025



PALACE HOTEL

SAN FRANCISCO



2025 SPRING ADRC MEETING

MEETING SCHEDULE

Sunday, May 4

START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION
8:00 am	12:00 pm	REC MOCK STUDY SECTION <i>(invite based on nomination; in person only)</i>	Susan Stark, PhD, OTR/L, FAOTA	Ralston Room
1:00 pm	5:00 pm	WORKSHOP: BEST PRACTICES FOR ENGAGEMENT OF AMERICAN INDIAN AND ALASKA NATIVE (AI/AN) COMMUNITIES IN ADRC RESEARCH STUDIES <i>(open to all attendees; please RSVP)</i>	L. W. Yowelunh McLester- Davis, PhD Jordan Lewis, PhD, MSW	Ralston Room

Monday, May 5

START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION
7:00 am	8:00 am	BREAKFAST	—	Gold Ballroom
8:00 am	9:30 am	ADMINISTRATORS SESSION	Sarah Van Heiden, PhD, MPH	Grand Ballroom
9:30 am	10:00 am	NETWORKING BREAK	—	Regency Foyer/Gold Ballroom
10:00 am	11:30 am	NACC SESSION	Sarah Biber, PhD	Grand Ballroom
11:30 am	1:30 pm	LUNCH	—	On Own
11:30 am	12:00 pm	VIRTUAL ADRC PORTALS BOOTH	Ben Keller, PhD	Zoom
11:45 am	1:15 pm	ADRC DIRECTORS STRATEGY SESSION <i>(invite only; in person only)</i>	—	Ralston Room
12:15 pm	1:00 pm	VIRTUAL REC POSTER SESSION	Susan Stark, PhD, OTR/L, FAOTA	Zoom
1:30 pm	2:00 pm	BIOMARKER CORE SESSION	Lynn Bekris, PhD	Grand Ballroom
2:00 pm	2:30 pm	IMAGING CORE SESSION	Ann Cohen, PhD	Grand Ballroom
2:30 pm	3:00 pm	CLINICAL CORE SESSION	Gregory Jicha, MD, PhD	Grand Ballroom
3:00 pm	3:30 pm	NETWORKING BREAK	—	Regency Foyer/Gold Ballroom
3:30 pm	4:00 pm	REC SESSION	Susan Stark, PhD, OTR/L, FAOTA	Grand Ballroom
4:00 pm	5:30 pm	IN PERSON REC POSTER SESSION	Susan Stark, PhD, OTR/L, FAOTA	Gold Ballroom
6:30 pm	9:00 pm	CENTERS' RECEPTION <i>(all in person attendees are welcome)</i>	Alzheimer's Association	Banking Hall in the Merchants Exchange Building 465 California Street

Meeting Schedule continued on next page

Tuesday, May 6

START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION
7:00 am	8:00 am	BREAKFAST	—	Gold Ballroom
8:00 am	9:30 am	DIRECTORS SESSION, PART 1	Gil Rabinovici, MD	Grand Ballroom
9:30 am	10:10 am	NETWORKING BREAK	—	Regency Foyer/Gold Ballroom
9:30 am	10:10 am	VIRTUAL CORE NETWORKING ROOMS	—	Zoom
10:10 am	12:00 pm	DIRECTORS SESSION, PART 2	Gil Rabinovici, MD	Grand Ballroom
12:00 pm	2:00 pm	LUNCH	—	On Own
12:00 pm	12:30 pm	VIRTUAL ADRC PORTALS BOOTH	Ben Keller, PhD	Zoom
12:15 pm	1:45 pm	NACC STEERING COMMITTEE MEETING <i>(invite only)</i>	Henry Paulson, MD, PhD	Ralston Room
2:00 pm	3:30 pm	CROSS-CORE SESSION, PART 1	Gregory Jicha, MD, PhD Lynn Bekris, PhD Ann Cohen, PhD Shannon Risacher, PhD	Grand Ballroom
3:30 pm	3:55 pm	NETWORKING BREAK	—	Regency Foyer/Gold Ballroom
3:55 pm	5:25 pm	CROSS-CORE SESSION, PART 2	Gregory Jicha, MD, PhD Lynn Bekris, PhD Ann Cohen, PhD Shannon Risacher, PhD	Grand Ballroom

Wednesday, May 7

START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION
7:45 am	8:30 am	CLARITI BREAKFAST & NETWORKING	—	Ralston Room
8:30 am	11:30 am	CLARITI INVESTIGATORS' MEETING <i>(invite only for in-person attendees; open to all attendees virtually)</i>	Sterling Johnson, PhD Elizabeth Mormino, PhD	Ralston Room





Sunday, May 4

Workshop: Best Practices for Engagement of American Indian and Alaska Native (AI/AN) Communities in ADRC Research Studies

Our Advisory Group will share the guidelines that they have developed to support ADRCs in building relationships with AI/AN communities to increase enrollment in ADRC studies. The workshop will cover related publication and presentation recommendations and will include time for Q&A.

1:00 - 5:00 pm

4 hours

Kyle Conniff, PhD
University of Wisconsin - Madison

Cliff Whetung, PhD MSW
University of Minnesota - Duluth

Cole Allick, MHA, PhD
Washington State University

L.W. Yowelunh McLester-Davis, PhD
University of Wisconsin - Madison



Monday, May 5

Administrators Session

8:00 - 8:10 am

10 minutes

Committee Updates

Sarah Van Heiden, PhD, MPH
Indiana University ADRC

8:10 - 8:50 am

40 minutes

Panel Discussion: Engaging Support at the State Level

Moderator:
Kathy Jedrzewski, PhD
Penn ADRC

Cynthia Carlsson, MD, MS
Wisconsin ADRC

Sudha Seshadri, MD, DM
South Texas ADRC

Rebecca McIntosh, MA
Goizueta ADRC, Emory University

8:50 - 9:30 am

40 minutes

Panel Discussion: Demonstrating the Impact and Unique Value of the ADRC Program to Federal Stakeholders

Thomas J. Grabowski, MD
University of Washington ADRC

Rachel Conant, MSM
Alzheimer's Impact Movement

Jeffrey Burns, MD, MS
University of Kansas ADRC

Sterling Johnson, PhD
Wisconsin ADRC



Monday, May 5

NACC Session

10:00 - 10:02 am

2 minutes

Welcome

Walter Kukull, PhD
NACC

10:02 - 10:10 am

8 minutes

NACC Highlights: UDSv4, ADRC Portal, Data Front Door

Sarah Biber, PhD
NACC

Exciting Research with New Data Modalities

10:10 - 10:15 am

5 minutes

Digital Voice / LEADS

Brad Dickerson, MD
Massachusetts ADRC

10:15 - 10:25 am

10 minutes

Leveraging Multimodal Data for AI-Driven Assessment of AD/ADRD

Vijaya Kolachalama, PhD
Boston University

10:25 - 10:35 am

10 minutes

SCAN Update

Clifford R. Jack, Jr., MD
Mayo Clinic ADRC, SCAN

10:35 - 10:40 am

5 minutes

Q&A

Leveraging the Unique Strengths of the ADRC Program to Advance the Field

10:40 - 10:45 am

5 minutes

Real-World Data Proof of Concept Platform Project

Sarah Biber, PhD
NACC

10:45 - 11:30 am

45 minutes

Panel and Q&A: Building Linkages with Sensitive but Important Data

Moderator:
Sarah Biber, PhD
NACC

Sudeshna Das, PhD
Massachusetts ADRC

Gil Rabinovici, MD
UCSF ADRC

Heather Snyder, PhD
Alzheimer's Association

Andrew Saykin, PsyD
Indiana ADRC

Jeff Williamson, MD, MHS
Wake Forest ADRC



Monday, May 5

Biomarker Core Session

1:30 - 1:33 pm

3 minutes

Introduction and Committee Updates

Lynn Bekris, PhD
University of Washington ADRC

ADRC Fluid Biomarker Workgroup Updates

1:33 - 1:38 pm

5 minutes

Best Practices Workgroup Updates

Timothy Van Meter, PhD
BrainBox Solutions

1:38 - 1:43 pm

5 minutes

Data Variables & Data Quality Workgroup Updates

Kristen Russ, PhD
NCRAD

1:43 - 1:55 pm

12 minutes

NCRAD Biomarker Standards

Kristen Russ, PhD
NCRAD

1:43 - 1:55 pm

5 minutes

Q&A

Imaging Core Session

2:00 - 2:10 pm

10 minutes

Introduction

Ann Cohen, PhD
University of Pittsburgh ADRC

2:10 - 2:30 pm

20 minutes

Defacing Issues

Aaron P. Schultz, PhD
MGH Neurology

Clinical Core Session

2:30 - 3:00 pm

30 minutes

Open Discussion: UDSv4 – Finding and Developing Efficiencies

Moderator:
Greg Jicha, MD, PhD
University of Kentucky ADRC

Kim G. Johnson, MD
Duke/UNC ADRC

Laura Schankel, MS
Penn ADRC

Stephen Campbell, LMSW
Michigan ADRC

Diane Jacobs, PhD
UCSD ADRC

Nicole Elmore, ANP-BC
Knight ADRC, Washington University



Monday, May 5

Research Education Component (REC) Session

3:30 - 3:40 pm

10 minutes

The ADRC REC Workforce: 2018 - 2025

José E. Cavazos, MD, PhD
South Texas ADRC

3:40 - 3:50 pm

10 minutes

New Programming Plans for REC Leaders and Scholars

Susan Stark, PhD, OTR/L, FAOTA
Knight ADRC, Washington University

3:50 - 4:00 pm

10 minutes

Mentor Training Updates and Resources

Tatjana Rundek, MD, PhD, FANA
1Florida ADRC

REC Poster Session

Virtual | 12:15 - 1:00 pm

Evaluating Enlarged Perivascular Spaces in Rhesus Macaques Across the Lifespan Using Magnetic Resonance Imaging

Alison Weiss, PhD
Oregon Health and Science University
ADRC

Focused Ultrasound-mediated APOE4 Knockdown in Mouse Brain

Kaiyuan Zheng, PhD
Columbia University ADRC

In Person | 4:00 - 5:30 pm

90 minutes

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|----|---|---|
| 1 | Assessing Cognitive Impairment Among People with Diabetes | Kristen Allen-Watts, MPH, PhD
University of Alabama ADRC |
| 2 | Awake Mouse Model for MRI-Based Cerebral Perfusion Imaging: A Technical Documentation | Ahmed Bahrani, PhD
University of Kentucky ADRC |
| 3 | Rest-Activity Rhythms and Cognition in Older Adults with and without Insomnia | Miranda Chappel-Farley, PhD
University of Pittsburgh ADRC |
| 4 | Cognitive Function and Imaging Biomarkers of Alzheimer's Disease in Down Syndrome with and without Congenital Heart Defects | Julianne Clina, PhD
University of Kansas ADRC |
| 5 | Speech Biomarkers of Cognitive Impairment in Technology-directed Tasks | Michelle Cohn, PhD
UC Davis ADRC |
| 6 | EOAD-signature Atrophy Predicts Progression to Dementia in Patients with Early-onset MCI Due to Alzheimer's Disease | Thiago Paranhos, MD
Massachusetts ADRC |
| 7 | Effects of ADRC on the Mechanisms of Semantic and Temporal Memory Organization | Kevin Darby, PhD
1Florida ADRC |
| 8 | Association of Lifetime Cognitive Activities and Resources with Cognition among Older Adults | Mayra Estrella, PhD
Rush University ADRC |
| 9 | Integrin β 3-Mediated Cell Senescence Associates with Gut Inflammation and Intestinal Degeneration in Models of Alzheimer's Disease | Di Hu, PhD
Cleveland ADRC |
| 10 | Multimorbidity, Cognition, and Alzheimer Disease Biomarkers: A Pathway Analysis | Xiaqing Jiang, PhD
UC San Francisco ADRC |



Monday, May 5

REC Poster Session *(continued)*

11	Investigation of Primary Cilia in Alzheimer's disease	Shahzad Khan, PhD Duke/UNC ADRC
12	Evaluating Age-dependent Autophagosome Functional Loss and Changes in Tau Distribution Using Directly Reprogrammed Human Neurons	Eva Klinman, MD, PhD Washington University Knight ADRC
13	Multi-modal-biomarker-based Explainable Deep Learning for Alzheimer's & Dementia Risk Prediction	Da Ma, PhD Wake Forest University ADRC
14	Cortical Microstructural Abnormalities in Dementia with Lewy Bodies and Their Associations with Alzheimer's Disease Copathologies	Elijah Mak, PhD Mayo Clinic ADRC
15	Associations Between Modifiable Risk Factors for Dementia and Cognitive SuperAging	Molly Mather, PhD Northwestern ADRC
16	The Utility of Plasma p-tau217 in Former American Football Players at Risk for Chronic Traumatic Encephalopathy	Annalise Miner, BS, PhD Candidate Boston University ADRC
17	Midbrain Network Integrity, Gait Variability and Visuospatial Performance Identify Early Neurodegenerative Risk in Autistic Adults across the Lifespan	Edward Ofori, PhD Arizona ADRC
18	rrAD420 - A Multimodal Brain Atlas for Older Adults	Norman Scheel, PhD University of Michigan ADRC
19	Single Cell Type Proteomics of the Brain	Xiaoyu Shi, PhD UC Irvine ADRC
20	In-Vivo Characterization of Blood-Brain Barrier Permeability in Cognitively Normal APOE e4 Carriers and Non-Carriers	Seraphina K. Solders, PhD UCSD Shiley-Marcos ADRC
21	The Deubiquitinase OTULIN Regulates Tau Expression and RNA Metabolism in Neurons	Karthikeyan Tangavelou, PhD New Mexico ADRC
22	Plasma Biomarkers of Structural Brain Health in the Population	Jeremy Tanner, MD, MPH South Texas ADRC
23	Developing Human Locus Coeruleus Organoids to Study Regional Selective Vulnerability in Alzheimer's Disease	Margaret Tish, PhD Emory University, Goizueta ADRC
24	Epigenetic Signatures of Regional Tau Pathology and Cognition in the Aging and Pathological Brain	Anil Wadhvani, MD, PhD Penn ADRC
25	Sex Differences in Functional Connectomes Associated with Alzheimer's Disease	Selena Wang, PhD Indiana University ADRC
26	Investigating the Impact of Dietary Protein on Alzheimer's Disease in Mice	Yang Yeh, PhD Wisconsin ADRC
27	Potential Role of Lipid Flippases at Axonal Dystrophies	John Zhou, PhD Yale University ADRC



Tuesday, May 6

Directors Session, Part 1

8:00 - 8:05 am

5 minutes

Introduction

Gil Rabinovici, MD
UCSF ADRC

8:05 - 8:35 am

30 minutes

NIA Update

Richard Hodes, MD
National Institute on Aging

8:35 - 8:50 am

15 minutes

NACC Update

Sarah Biber, PhD
NACC

8:50 - 9:05 am

15 minutes

NCRAD Update

Tatiana Foroud, PhD
NCRAD

9:05 - 9:20 am

15 minutes

NIAGADS Update

Li-San Wang, PhD
NIAGADS

9:20 - 9:30 am

10 minutes

NACC, NCRAD, and NIAGADS Q&A



Tuesday, May 6

Directors Session, Part 2

10:10 - 10:15 am

5 minutes

Introduction

Gil Rabinovici, MD
UCSF ADRC

10:15 - 10:45 am

30 minutes

Learnings from the National Cancer Institute

Warren Kibbe, PhD, FACMI
National Cancer Institute

10:45 - 10:55 am

10 minutes

Evolving Clinical Landscape Survey Results

David Wolk, MD
Penn ADRC

10:55 - 11:00 am

5 minutes

Introduction of Panel

Gil Rabinovici, MD
UCSF ADRC

11:00 - 11:30 am

30 minutes

Panel Discussion: Exploring the Evolving Clinical Landscape of the ADRC Program

Moderator:
Gil Rabinovici, MD
UCSF ADRC

Suzanne Craft, PhD
Wake Forest ADRC

Heather Whitson, MD
Duke/UNC ADRC

Lisa Silbert, MD, MCR, FAAN
OHSU ADRC

Chad Hales, MD, PhD
Goizueta ADRC, Emory University

Mary Sano, PhD
Mount Sinai ADRC

Russell Swerdlow, MD
University of Kansas ADRC

David Wolk, MD
Penn ADRC

11:30 - 11:45 am

10 minutes

Updates on FTD

Bruce Miller, MD
UCSF ADRC

11:45 am - 12:00 pm

10 minutes

Update on Alzheimer's Clinical Trials

Jonathan Graff-Radford, MD
Mayo Clinic, Rochester



Tuesday, May 6

Cross-Core Session, Part 1

This session is a combined effort of the Imaging, Biomarker and Clinical Core Steering Committees.

2:00 - 2:10 pm

10 minutes

Fluid Biomarkers in Clinical Trials

Robert Rissman, PhD
USC ADRC

2:10 - 2:20 pm

10 minutes

Fluid Biomarkers in the Clinic

Jagan Pillai, MD, PhD
Cleveland ADRC

2:20 - 2:30 pm

10 minutes

Q&A

2:30 - 2:40 pm

10 minutes

Standards/Cutpoints - CLARiTI

Beth Mormino, PhD
Stanford ADRC

2:40 - 2:50 pm

10 minutes

Perspectives on Visual Reads

Renaud La Joie, PhD
UCSF ADRC

2:50 - 3:00 pm

10 minutes

Q&A

3:00 - 3:08 pm

8 minutes

Results of the NCRAD Survey, Timeline for Return of Data

Tatiana Foroud, PhD
NCRAD

3:08 - 3:16 pm

8 minutes

Integration of Fluids and Imaging with Clinical Consensus Forms

Jeffrey Burns, MD, MS
University of Kansas ADRC

3:16 - 3:24 pm

8 minutes

Revised AA Criteria Form

Gil Rabinovici, MD
UCSF ADRC

3:24 - 3:30 pm

6 minutes

Q&A



Tuesday, May 6

Cross-Core Session, Part 2

This session is a combined effort of the Imaging, Biomarker and Clinical Core Steering Committees. Case studies will be presented followed by a panel discussion and interactive audience Q&A.

3:55 - 5:25 pm

15 minutes

Biomarker Integration with Clinical Consensus: Case Studies and Panel Discussion

Case studies will include:

1. *Discordance between Fluid and Imaging Biomarkers*
2. *Intermediate or Inconclusive Findings*
3. *Clinical Presentation Discordant with Imaging and/or Fluid Biomarkers*
4. *Broad Applicability of Biomarkers in High-Risk Populations.*

Moderator:
Greg Jicha, MD, PhD
University of Kentucky ADRC

Doris Molina-Henry, PhD
USC ATRI

Caitlin Latimer, MD, PhD
University of Washington ADRC

Susan Landau, PhD
UC Berkeley

Michelle Mielke, PhD
Wake Forest ADRC

Oscar Lopez, MD, FAAN
University of Pittsburgh ADRC

Beau Ances, MD, PhD
Knight ADRC, Washington University

Mike Donohue, PhD
ATRI

Case Studies

Case #1: A 72-year-old female with a strong family history of Alzheimer's is enrolled in the ADRC cohort. She has subjective memory complaints considered significant and also has a host of cardiovascular risk factors including diabetes, hypertension, and hyperlipidemia. Her cognitive testing is normal overall with mildly low average memory scores. Her CDR and FAS are both normal at 0. Overall, she is given a diagnosis of SCD on UDSv4 Form D1a (clinical diagnosis). Her plasma ptau217 on the Fujirebio Lumipulse is indeterminate for amyloid positivity. Her CSF is positive for AD on the Roche Elecsys. Her MRI is normal without significant white matter hyperintensities, signs of past lacunar and/or microinfarct, and/or evidence for micro/macro hemorrhages. Her Amyloid-PET scan is negative with a global SUVR of 1.08, but a regional SUVR of 1.8 in the precuneus and 1.6 in the posterior cingulate. Her tau-PET is negative.

What is her Form D1b etiologic diagnosis and why?

Case #2: A 88-year-old male enrolls in the ADRC cohort as a cognitively normal participant and has been followed for 12 years. At his most recent visit he reported subjective complaints that were considered clinically significant by the consensus panel. He has no vascular risk factors. His CDR is 0.5 with a Craft Story Learning of 13 and a delayed recall of 2. He has no other findings on clinical exam. His FAS is a 7 with scores of 2 (requires assistance) in the categories of "Remembering appointments, family occasions, holidays, medications" and "Keeping track of current events". His form D1a diagnosis is Dementia characterized as an "Amnesic Predominant Syndrome". His MRI shows moderate medial temporal lobe atrophy and mild small vessel ischemic changes only. His plasma ptau217 is intermediate on the Fujirebio Lumipulse platform. He does not have PET imaging or other biomarkers.

What is his Form D1b etiologic diagnosis and why?



Tuesday, May 6

Cross-Core Session, Part 2

Case Studies *(continued)*

Case #3: A 67-year-old female has been followed in your ADRC cohort for 4 years as a presumed Alzheimer patient. She has a CDR 2.0, MoCA of 12, and significant functional dependence in even basic ADLs. She has no signs of Parkinsonism, no RBD, no autonomic complaints, no fluctuations, and no psychotic symptoms. Her clinical course is stereotypic for Alzheimer's disease. Her form D1a diagnosis is Dementia characterized as an "Amnestic Predominant Syndrome". Her MRI shows mild diffuse global atrophy with mild small vessel ischemic changes only. Her MTL atrophy is compatible with her pattern of diffuse atrophy. Her plasma ptau217 was in the intermediate range. As part of routine research testing you get back a positive read on her aSyn-SAA.

What is her Form D1b etiologic diagnosis and why?

Case #4: A 71-year-old female is enrolled in your ADRC cohort. She originally came to the Center to enroll in the ACTC AHEAD trial, but her plasma C2N results were negative for elevated risk for AD and she was deemed not eligible. She complains of difficulty multi-tasking like she used to. Her cognitive testing shows mild memory problems and problems on Trail Making Test B only. She has significant cardiovascular disease risk factors including hypertension, hyperlipidemia, and diabetes, but no history of stroke or TIA. Her diagnosis on Form D1a was MCI, amnestic with executive dysfunction also listed. Her MRI is unremarkable other than mild MTL atrophy which could be normal for age. Her amyloid PET is positive with a global SUVR of 1.43. She does not have other plasma biomarkers, tau-PET and/or CSF.

What is her Form D1b etiologic diagnosis and why?



Wednesday, May 7

CLARiTI Investigators' Meeting

7:45 - 8:30 am

45 minutes

Breakfast & Networking

8:30 - 8:45 am

15 minutes

Welcome and Study Updates

Sterling Johnson, PhD

Wisconsin ADRC

Erin Chin

Wisconsin ADRC

Beth Mormino, PhD

Stanford ADRC

8:45 - 9:00 am

15 minutes

NACC

Sarah Biber, PhD

NACC

Heather O'Connell, MHS

NACC

9:00 - 9:15 am

15 minutes

SCAN

Bill Jagust, MD

UC Berkeley

9:15 - 9:30 am

15 minutes

Visual Reads Core

Gil Rabinovici, MD

UCSF ADRC

9:30 - 9:45 am

15 minutes

Return of Results Core

Annalise Rahman-Filipiak, PhD

Michigan ADRC

Nathaniel Chin, MD

Wisconsin ADRC

9:45 - 10:00 am

15 minutes

Access Core

Mónica Rivera Mindt, PhD

Fordham University,
Mount Sinai ADRC

Ozioma Okonkwo, PhD

Wisconsin ADRC

10:00 - 10:15 am

15 minutes

Break

10:15 - 10:30 am

15 minutes

Plasma Biomarkers

Kristen Russ, PhD

NCRAD

10:30 - 10:45 am

15 minutes

Advanced MRI

John Detre, MD

Penn ADRC

10:45 - 11:00 am

15 minutes

Neuropathology

C. Dirk Keene, MD, PhD
University of Washington ADRC

11:00 - 11:15 am

15 minutes

Data Integration

Mike Donohue, PhD

ATRI

Timothy Hohman, PhD
Vanderbilt Exploratory ADRC

11:15 - 11:30 am

15 minutes

Overall Discussion