

2024 FALL
ADRC
MEETING

Theme: Biomarkers of Co-occurring Pathologies

October 15th - 17th, 2024
Hybrid Event
Sheraton Boston



NATIONAL ALZHEIMER'S COORDINATING CENTER

HIGH LEVEL AGENDA

Tuesday, October 15

START (ET)	END (ET)	SESSION	CHAIR(S)	IN-PERSON LOCATION (Floor 2)
1:00 PM	5:00 PM	Data Core Workshop	Iris Leng, MD, PhD	Independence Ballroom

Wednesday, October 16

START (ET)	END (ET)	SESSION	CHAIR(S)	IN-PERSON LOCATION (Floor 2)
7:00 AM	8:00 AM	Breakfast	-	Back Bay C&D
8:00 AM	9:00 AM	ORE Core Session	Dorothy Edwards, PhD	Grand Ballroom
9:00 AM	10:00 AM	Special Session on Brain Donation <i>(hosted by ORE Core & Neuropathology Core)</i>	Dorothy Edwards, PhD Brittany Dugger, PhD	Grand Ballroom
10:00 AM	10:20 AM	Break	-	Foyer
10:20 AM	11:20 AM	Neuropathology Core Session	Brittany Dugger, PhD	Grand Ballroom
11:20 AM	1:20 PM	Lunch Break	-	On Own
11:35 AM	1:05 PM	New Investigator Award Program Informational Luncheon <i>(please RSVP)</i>	-	Independence Ballroom
1:20 PM	3:05 PM	Directors Session Part 1	Sanjay Asthana, MD	Grand Ballroom
3:05 PM	3:40 PM	Networking Break - Ice Cream Social	-	Foyer
3:05 PM	5:15 PM	Virtual Core Networking Rooms	-	Online Only
3:40 PM	5:15 PM	Directors Session Part 2	Sanjay Asthana, MD	Grand Ballroom
5:15 PM	6:00 PM	Administrators Meeting <i>(Invite Only)</i>	Ari Bhaumik, BA, CCRP Sarah VanHeiden, PhD	Independence Ballroom
6:30 PM	9:30 PM	Centers' Reception <i>(open to all in-person attendees)</i>	Alzheimer's Association	Earls Prudential 800 Boylston Street Boston, MA 02199

Thursday, October 17

START (ET)	END (ET)	SESSION	CHAIR(S)	IN-PERSON LOCATION
7:00 AM	8:00 AM	Breakfast	-	Back Bay C&D
7:00 AM	8:00 AM	ORE Core Leaders Closed Door Meeting <i>(invite-only)</i>	Dorothy Edwards, PhD	Independence Ballroom
8:00 AM	9:30 AM	NACC Session	Sarah Biber, PhD	Grand Ballroom
9:30 AM	10:45 AM	REC Poster Session <i>(in-person only)</i>	Jose Cavazos, MD, PhD	Republic Ballroom
10:45 AM	12:15 PM	Data Core Session	Sheng Luo, PhD	Grand Ballroom
12:15 PM	2:15 PM	Lunch Break	-	On Own
12:30 PM	2:00 PM	NACC Steering Committee Meeting <i>(invite-only)</i>	-	Independence Ballroom
2:15 PM	3:45 PM	CTF Session	Allan Levey, PhD	Grand Ballroom
3:45 PM	4:00 PM	Break	-	Foyer
4:00 PM	5:00 PM	CLARiTI Session	Sterling Johnson, PhD Elizabeth Mormino, PhD	Grand Ballroom

Data Core Workshop

Tuesday, October 15
Independence Ballroom

1:00 PM - 1:05 PM

5min

Introduction

Iris Leng, MD, PhD
Wake Forest University ADRC

1:05 PM - 1:25 PM

15min presentation, 5min Q&A

Multimodal Data Integration via Mediation/Path Analysis

Yi Zhao
Indiana University ADRC

1:25 PM - 1:45 PM

15min presentation, 5min Q&A

Unbiased and Robust Analysis of Co-Localization in Alzheimer's Disease Research Images

Hui Zhang, PhD, MA, MS
Northwestern ADRC

1:45 PM - 2:05 PM

15min presentation, 5min Q&A

Applications of Joint Models for Assessing Attrition Bias When Studying Cognitive Trajectories

Rachel Stuckwisch
UAB ADRC

2:05 PM - 2:25 PM

15min presentation, 5min Q&A

Exploring Novel Functional Data Analysis and Machine Learning for Eye-track in Preclinical AD

Jingjing Zou
UCSD ADRC

2:25 PM - 2:50 PM

25min

Break

2:50 PM - 3:10 PM

20min

Midlife and Later-Life Social Risk Scores (SRSs) Modify the Effects of Apolipoprotein E (APOE) ϵ 4 on Alzheimer's Disease

Xian Wu
University of Kentucky ADRC

3:10 PM - 3:30 PM

20min

Bayesian Multi-modality Disease-progression Models of Dementia

John Kornak, PhD
UCSF ADRC

3:30 PM - 3:50 PM

20min

Development and Validation of Natural Language Processing (NLP)-Based Risk Prediction Model for Cognitive Impairment in Geriatric Patients

Laili Soleimani
Mount Sinai School of
Medicine ADRC

3:50 PM - 4:50 PM

60min

Electronic Data Capture (EDC) Workgroup Updates

ORE Core Session

Wednesday, October 16

8:00 AM - 8:10 AM

10min

Introduction & Committee Updates

Dorothy Farrar-Edwards, PhD
Wisconsin ADRC

8:10 AM - 8:20 AM

10min

Broader Participant Perspectives on Satisfaction with Engagement

Rev. Dr. Alex Gee
University of Wisconsin

8:20 AM - 8:30 AM

10min

Retention Pathway - Addressing Challenges to Longitudinal Study Participation

Darby Morhardt, PhD
Northwestern ADRC

8:30 AM - 8:40 AM

10min

Community Engagement - Sustaining Relationships with Study Participants

Annalise Rahman-Filipiak, PhD
Michigan ADRC

8:40 AM - 9:00 AM

20min

Panel Discussion

Moderator: Monica W. Parker, MD
Emory Goizueta ADRC

Darby Morhardt, PhD
Northwestern ADRC

Rev. Dr. Alex Gee
University of Wisconsin

Annalise Rahman-Filipiak, PhD
Michigan ADRC

Special Session on Brain Donation

(hosted by ORE Core & Neuropathology Core)

Wednesday, October 16

9:00 AM - 9:05 AM

5min

Introduction

Dorothy Farrar-Edwards,
PhD Wisconsin ADRC

Crystal M. Glover, PhD
Rush University ADRC

9:05 AM - 10:00 AM

55min

Panel Discussion

Moderator: Crystal M. Glover, PhD
Rush University ADRC

Katherine Brandt, MM
Massachusetts ADRC

Darby Morhardt, PhD
Northwestern ADRC

Tish Hevel
Brain Donor Project

Arline Faustin, MD
NYU ADRC

Nancy Cherico, PhD
Boston University ADRC
Participant Perspective

Neuropathology Core Session

Wednesday, October 16

10:20 AM - 10:35 AM

15min

What's Happening in the ADRC Neuropathology Core

Brittany Dugger, PhD
UC Davis ADRC

10:35 AM - 10:50 AM

15min

Brain Donation Survey Results

Alifiya Kapasi, PhD
Rush University Medical Center

10:50 AM - 11:00 AM

10min

Culture-Centric Narrative as a Tool for Messaging about Brain Donation

Jennifer Lingler, PhD, RN
University of Pittsburgh ADRC

11:00 AM - 11:10 AM

10min

Enrollment into Brain Donation in a Diverse Cohort of Oldest Old - Lessons Learned from the Life After 90 Study

Rachel Whitmer, PhD
UC Davis ADRC

11:10 AM - 11:20 AM

10min

Q&A

Directors Session Part 1

Wednesday, October 16

1:20 PM - 1:25 PM

5min

Introduction

Sanjay Asthana, MD
Wisconsin ADRC

National Institute on Aging (NIA) Updates

1:25 PM - 1:40 PM

15min

NIA Update

Richard Hodes, MD
National Institute on Aging

1:40 PM - 1:55 PM

15min

Division of Neuroscience Update

Amy Kelley, MD, MSHS
National Institute on Aging

1:55 PM - 2:15 PM

20min

ADRC Program Update

Cerise Elliott, PhD
National Institute on Aging

2:15 PM - 2:25 PM

10min

NIA Q&A

2:25 PM - 2:35 PM

10min

NACC Update

Sarah Biber, PhD
NACC

2:35 PM - 2:45 PM

10min

NCRAD Update

Tatiana Foroud, PhD
NCRAD

2:45 PM - 2:55 PM

10min

NIAGADS Update

Li-San Wang, PhD
NIAGADS

2:55 PM - 3:05 PM

10min

NACC, NCRAD, NIAGADS Q&A

Networking Break - Ice Cream Social

3:05 PM - 3:40 PM

AGENDA CONTINUED ON NEXT PAGE

Directors Session Part 2

Wednesday, Oct 16

3:40 PM - 3:45 PM

5min

Introduction

Sanjay Asthana, MD
Wisconsin ADRC

3:45 PM - 4:00 PM

15min

Pathology Validation of AD Biomarkers vs Neuropathology

Renaud La Joie, PhD
UCSF ADRC

4:00 PM - 4:15 PM

15min

Significance of Diversifying ADRC Cohorts

Rosie Curiel Cid, PsyD
1Florida ADRC

4:15 PM - 4:30 PM

15min

Advances in Biomarkers of Alpha-Synuclein

Kathleen Poston, MD
Stanford ADRC

4:30 PM - 5:15 PM

45min

Panel: Understanding Mixed Pathologies, Translation to Clinical Practice

Renaud La Joie, PhD
UCSF ADRC

Rosie Curiel Cid, PsyD
1Florida ADRC

Kathleen Poston, MD
Stanford ADRC

Gil Rabinovici, MD
(moderator)
UCSF ADRC

Ganesh Babulal, PhD
Washington University Knight
ADRC

Astrid Suchy-Dicey, PhD
University of Washington
ADRC

Edward Lee, MD, PhD
Penn ADRC

NACC Session

Thursday, October 17

8:00 AM - 8:02 AM					2min
Welcome		Walter Kukull, PhD NACC			
UDSv4 Launch: Data-Informed Timeline, Tools, and Strategies					
8:02 AM - 8:07 AM					5min
Timeline & Approach		Sarah Biber, PhD NACC			
8:07 AM - 8:12 AM					5min
General Resources		Jess Welch, MBA NACC			
8:12 AM - 8:17 AM					5min
Clinical Resources		Cynthia Carlsson, MD, MS University of Wisconsin			
8:17 AM - 8:22 AM					5min
EDC System Resources		Sudeshna Das, PhD Massachusetts ADRC			
8:22 AM - 8:27 AM					5min
Q&A	Sarah Biber, PhD NACC	Cynthia Carlsson, MD, MS University of Wisconsin	Jess Welch, MBA NACC	Sudeshna Das, PhD Massachusetts ADRC	
NACC Data Platform: A Next-Generation Multimodal Data Integration, Interopability, Harmonization, and Access Platform					
8:27 AM - 8:32 AM					5min
What's New and Where are We Headed?		Sarah Biber, PhD NACC			
8:32 AM - 8:37 AM					5min
ADRC Portals: Empowering ADRCs with Streamlined Data Submission and Access		Sarah Biber, PhD NACC			
8:37 AM - 8:42 AM					5min
Launching the New NACCID System		Jess Welch, MBA NACC			
8:42 AM - 8:47 AM					5min
NACC Data Front Door: A One-Stop-Shop for ADRC Program Data		Sarah Biber, PhD NACC			
8:47 AM - 8:52 AM					5min
Q&A		Jess Welch, MBA NACC		Sarah Biber, PhD NACC	
Becoming More Multimodal and Expanding Interoperability					
8:52 AM - 8:57 AM					5min
The ADRC Biomarker Steering Committee and Workgroups: Establishing Guidelines and Standards for Fluid Biomarker Data Collection and Sharing for the ADRC Program		Kristen Russ, PhD NCRAD			
8:57 AM - 9:02 AM					5min
Capturing ATN Across the ADRC Program		Gil Rabinovici, MD UCSF ADRC			
9:02 AM - 9:10 AM					8min
Q&A		Kristen Russ, PhD NCRAD		Gil Rabinovici, MD UCSF ADRC	
9:10 AM - 9:18 AM					8min
UDSv4 dVoice and Q&A		Rhoda Au, PhD Boston University ADRC			
9:18 AM - 9:30 AM					12min
SCAN Update and Q&A		Bill Jagust, PhD UC Berkeley			

REC Poster Session

Thursday, October 17
Republic Ballroom

Updated presentation titles will be included for all presenters in our final agenda.

9:30 AM - 10:45 AM

REC Poster Session (in-person)

1		Alexandra Ortega, PsyD 1Florida ADRC
2	Aging Neural Circuits in Cognitive and Social Behavior	Jessica Verpeut, PhD Arizona ADRC
3		Nikhil Panicker, PhD Cleveland ADRC
4	From Text to Insight: Leveraging Unstructured Clinical Notes to Predict MMSE Scores in Patients with Alzheimer's Disease	Betina Idnay, PhD, RN Columbia University ADRC
5		Emily Giannotto Emory Goizueta ADRC
6		Kelly Nudelman, PhD Indiana ADRC
7		Jon Ling, PhD Johns Hopkins ADRC
8		Chao-Yi Wu, PhD Massachusetts ADRC
9		Paula Aduen, PhD, LP Mayo Clinic ADRC
10	Investigating Environmental Risks of Aging-related Metabolic and Neurodegenerative Diseases	Xin Wang, PhD, MPH Michigan ADRC
11	Dissecting the Regulatory Role of Dual Specificity Protein Phosphatase 4 (DUSP4) in Alzheimer's Disease-associated Microglial Activation	Allen Pan Mount Sinai ADRC
12	What Does Dementia Mean to You? Conceptualization of Dementia and Interest in Biomarker Disclosure in Pueblo Dwelling Older Adults	Katie Edwards, BA New Mexico ADRC
13	Oligodendrocyte-Derived Carnosine Protects the CNS From Lipid Peroxidation	Benayahu Elbaz-Eilon, PhD Northwestern ADRC
14	Examination of Sex-Dependent Sleep Disruptions and OSA Severity on Limbic System Integrity in Community-Dwelling Cognitively Unimpaired Older Adults.	Joshua Gills, PhD NYU ADRC
15	Use of the Hybrid Model for Developing the Concept of Dementia Friendly in the Context of Hospitalization	Ellen Munsterman, MSN, APRN, AGCNS-BC Penn ADRC
16	Association Between Hippocampal Microglia, LATE-NC, and Hippocampal Sclerosis in Older Adults	Sonal Agrawal, PhD Rush ADRC
17		Valentina Garbarino, PhD South Texas ADRC
18	Myelin Modulation of Neuronal Activity in Alzheimer's Disease	Mable Lam, PhD Stanford ADRC

Agenda Continued on Next Page

REC Poster Session

Updated presentation titles will be included for all presenters in our final agenda.

Thursday, October 17
Republic Ballroom

9:30 AM - 10:45 AM

REC Poster Session (in-person)

19	The Gut Microbiome as a Therapeutic Target for Cognitive Aging and Alzheimer's Disease	Abbi Hernandez, PhD UAB ADRC
20	Association of Grip Strength with Cognitive Performance and Resilience in KHANDLE, STAR, and LifeAfter90	Alex Posis, PhD UC Davis ADRC
21		Michael Bueno, PhD, MSN, RN CNL UC Irvine ADRC
22	Associations of Regional White Matter Hyperintensity Patterns and Longitudinal Cognitive Decline	Lindsay J. Rotblatt, PhD UCSD ADRC
23		Jessica de Leon, MD UCSF ADRC
24	Acute Cholesterol Consumption Negatively Impacts Brain Mitochondrial Function	Benjamin Kugler, PhD University of Kansas ADRC
25	Repetitive DNA in Alzheimer's Disease	Cody Steely, PhD University of Kentucky ADRC
26	Use of the Hybrid Model for Developing the Concept of Dementia Friendly in the Context of Hospitalization	Ellen Munsterman, MSN, APRN, AGCNS-BC University of Pennsylvania
27	Qualitative Analysis of Dementia Caregivers' Experiences with Lucidity	Quinton Cotton, PhD, MSSA University of Pittsburgh ADRC
28		Randall Eck, PhD University of Washington
29		Hailey Kresge Vanderbilt Exploratory ADRC
30	TDP-43/LATE	William Harrison, MD Wake Forest ADRC
31	The Association of Dementia Risk Symptoms and Functional Outcomes in Adults with Down Syndrome	Selena Washington, PhD, MSPH, OTR/L Washington University Knight ADRC
32	Gut Microbiome Compositional and Functional Features Associate with Alzheimer's Disease Pathology	Jea Woo Kang, Ph.D. Wisconsin ADRC

Data Core Session

Thursday, October 17

10:45 AM - 10:55 AM

10min

NIAGADS Update - Engaging ADRC Researchers and Understanding Genetic Data Analysis Needs

Li-San Wang, PhD
NIAGADS

10:55 AM - 11:10 AM

15min

Data Concierge: Making Center Data Findable and Available to the ADRC Research Ecosystem

Michael Lutz, PhD
Duke/UNC ADRC

11:10 AM - 11:25 AM

15min

Novel Approaches to Sharing Data and Specimens in Alzheimer's Disease Clinical Trials

Gustavo Jimenez-Maggiora, PhD, MBA
USC ATRI/ACTC

11:25 AM - 11:40 AM

15min

Data Support Drives Outreach Recruitment and Engagement Success

Tina Lewandowski, EdD University of Kansas ADRC
Jeffrey M. Burns, MD, MS
University of Kansas ADRC

11:40 AM - 11:55 AM

15min

Leveraging Real-time Data Platforms to Advance Data-Driven Recruitment

Kelsie Full, PhD, MPH
Vanderbilt Exploratory ADRC

11:55 AM - 12:15 PM

20min

Panel Q&A

Michael Lutz, PhD
Duke/UNC ADRC

Tina Lewandowski, EdD
University of Kansas ADRC

Jeffrey M. Burns, MD, MS
University of Kansas ADRC

Gustavo Jimenez-Maggiora, PhD, MBA
USC ATRI/ACTC

Kelsie Full, PhD, MPH
Vanderbilt Exploratory ADRC

CTF Session

Thursday, October 17

2:15 PM - 2:25 PM

10min

UDSv4 Pilot Survey Results & Timeline

Jessica Culhane,
MS NACC

2:25 PM - 3:10 PM

45min

UDSv4 Pilot Panel

Moderator: Suzanne Schindler, MD, PhD
Knight ADRC, Washington University in
St. Louis

Nicole Oliviera
Penn ADRC

Justin Barber, MS
University of Kentucky ADRC

Anna Campbell Sullivan,
PsyD South Texas ADRC

3:10 PM - 3:15 PM

30min

**UDSv4 Neuropsych Battery
Updates**

Andy Saykin, PsyD
Indiana ADRC

Lisa Barnes, PhD
Rush University
ADRC

3:15 PM - 3:45 PM

10min

CTF Technology Workgroup Updates

Sudeshna Das, PhD
Massachusetts ADRC

Sarah Biber, PhD
NACC

CLARiTI Session

Thursday, October 17

4:00 PM - 4:10 PM

10min

Scientific Impact of CLARiTI

Elizabeth Mormino, PhD
Stanford ADRC

Sterling Johnson, PhD
Wisconsin ADRC

4:10 PM - 4:25 PM

15min

Infrastructure: Updates & Impact

Sarah Biber, PhD
NACC

4:25 PM - 4:30 PM

5min

Study Updates

Erin Chin
Wisconsin ADRC

4:30 PM - 5:00 PM

30min

CLARiTI National Inclusion and Engagement Plan

Monica Rivera-Mindt, PhD
Mount Sinai ADRC

Ozioma Okonkwo, PhD
Wisconsin ADRC