

October 18th - 20th, 2023 Hybrid Event The Westin San Diego Gaslamp Quarter, San Diego

Network Wifi: Westin_CONFERENCE Password: ADRC2023



NATIONAL ALZHEIMER'S COORDINATING CENTER



HIGH LEVEL AGENDA

		Wednesday, Oct	ober 18	
START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION (Floor)
9:00 AM	12:30 PM	Indigenous ADRD Data Sovereignty Advisory Group Led Workshop (invite only)	L. W. Yowelunh McLester-Davis, PhD Jordan P. Lewis, PhD	Plaza Room 2nd Floor
2:00 PM	6:00 PM	Data Core Workshop	Sheng Luo, PhD	Plaza Room 2nd Floor
		Thursday, Octo	ber 19	
START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION
7:00 AM	8:00 AM	Breakfast - ORE Core Leaders Closed-Door Meeting (invite only)	Sophia Wang, MD	Plaza Room 2nd Floor
7:00 AM	8:00 AM	Breakfast	-	Garden Terrace 4th Floor
8:00 AM	9:50 AM	Directors Session, Part 1	Suzanne Craft, PhD	California B&C 2nd Floor
9:50 AM	10:20 AM	Networking Break	-	California A 2nd Floor
10:20 AM	12:10 PM	Directors Session, Part 2	Suzanne Craft, PhD	California B&C 2nd Floor
12:10 PM	2:15 PM	Lunch on your own	-	Offsite
12:30 PM	2:00 PM	CTF Committee Meeting (invite only)	Allan I. Levey, MD, PhD	Plaza Room 2nd Floor
2:15 PM	3:45 PM	CTF Session	Allan I. Levey, MD, PhD	California B&C 2nd Floor
4:00 PM	4:45 PM	Administrators Meeting (invite only)	Arijit Bhaumik	Plaza Room 2nd Floor
4:00 PM	5:30 PM	REC Poster Session & Ice Cream Social	Elizabeth Head, PhD	California A 2nd Floor
6:30 PM	9:30 PM	Centers' Reception (in-person only)	-	LAVO San Diego: <u>611 Fifth Ave</u>
		Friday, Octob	er 20	
START (PT)	END (PT)	SESSION	CHAIR(S)	IN-PERSON LOCATION
7:00 AM	8:00 AM	NACC & REC's New Investigator Award Mentorship Breakfast	Elizabeth Head, PhD	Plaza Room 2nd Floor
7:00 AM	8:00 AM	Breakfast	-	Garden Terrace 4th Floor
8:00 AM	9:30 AM	NACC Session	Sarah Biber, PhD	California B&C 2nd Floor
9:30 AM	10:15 AM	Networking Break	-	California A 2nd Floor
10:15 AM	11:45 AM	Neuropathology Core Session	Thomas Wisniewski, MD	California B&C 2nd Floor
11:45 AM	1:45 PM	Lunch on your own	-	Offsite
12:00 PM	1:30 PM	NACC Steering Committee Meeting (invite only)	Sanjay Asthana, MD	Plaza Room 2nd Floor
1:45 PM	3:15 PM	ORE Core Session	Sophia Wang, MD	California B&C 2nd Floor
3:15 PM	3:35 PM	Break	-	California A 2nd Floor
3:35 PM	5:05 PM	Data Core Session	Erin Abner, PhD	California B&C 2nd Floor



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Hotel Floor Map 14

DATA CORE WORKSHOP

2:00 - 2:05pm PT		5min
Introduction		
2:05 - 3:00pm PT		55min
Disease Modifying Drugs Panel	Sheng Luo, PhD (moderator) Duke/UNC ADRC	Suzanne Schindler, MD, PhD Washington University, Knight ADRC Daniela Moga, MD, PhD University of Kentucky
This panel will address the new data stream in UDSv4 remotivation and process for developing the new form, the of medication data.		
3:00 - 3:55pm PT		55min
Social Determinants of Health Panel	Erin Abner, PhD (moderator) University of Kentucky ADRC	Kacie Deters, PhD UCLA
	Derek Norton, MS Wisconsin ADRC	Serggio Lanata, MD, MS UCSF ADRC
Attendees of this panel will learn about the new UDS day SDoH in the context of the ADRC program.	ta SDoH form and important principles a	and considerations for conducting research on
3:55 - 4:15pm PT		20min
4:15 - 5:10pm PT	BREAK	55min
4.10 - 0.10pm - 1		331111
	Sudeshna Das, PhD (moderator) Massachusetts ADRC Bryan D. James, PhD	Meredith Zozus, PhD South Texas ADRC
EHR / CMS Data Panel		Jiang Bian, PhD University of Florida
	Rush ADRC	Sujuan Gao, PhD Indiana University ADRC
This panel will delve into the use of Electronic Health Re will include effective data collection and integration with addressing patient privacy and data security. Experts wi modeling, and improved patient care while ensuring data	n UDS data, leveraging big data analytics Il explore strategies to harness the powe	, enhancing clinical decision support, and
5:10 - 5:15pm PT		5min
Introduction		Sudesna Das, PhD Massachusetts ADRC
Showcase on How New UDSv4 Forms Impact I	Data Managers	
5:15 - 5:20pm PT		5min
Key Survey Findings and Timeline		Sarah Biber, PhD NACC
5:20 - 5:25pm PT		5min
New NACC ID Process		Jess Welsch, MBA NACC
5:25 - 5:30pm PT		5min
Creating a Brand-New Instrument – Form A1	a	Chad Murchison, PhD UAB Exploratory ADRC
5:30 - 5:40pm PT		10min
Modifying of a REDCap Database – Form A1		Sarah Gothard OHSU ADRC
5:40 - 5:55pm PT		15min
Q&A		

DIRECTORS SESSION

8:00 - 8:10am PT		10min
Introduction	Suzanne Craft, PhD Wake Forest University ADRC	
8:10 - 8:25am PT		15min
NIA Update	Richard Hodes, MD National Institute on Aging	
8:25 - 8:40am PT		15min
NIA Update: Division of Neuroscience	Eliezer Masliah, MD National Institute on Aging	
8:40 - 9:00am PT		20min
NIA Updates: ADRC Program	Cerise Elliott, PhD National Institute on Aging	
9:00 - 9:10am PT		10min
NIA Q&A		
9:10 - 9:20am PT		10min
NACC Update	Walter Kukull, PhD NACC	
9:20 - 9:30am PT		10min
NCRAD Update	Tatiana Foroud, PhD NCRAD	
9:30 - 9:40am PT		10min
NIAGADS Update	Li-San Wang, PhD NIAGADS	
9:40 - 9:50am PT		10min
NACC, NCRAD, NIAGADS Q&A		
9:50 - 10:20am PT		30min
BREAK		
AGENDA CONTINUED ON NEXT PAG	E	

DIRECTORS SESSION (cont.) NIA-AA Criteria

10:20 - 10:35am PT			15min
NIA-AA Revised Criteria for Diagnosis ar Disease	nd Staging of Alzheimer's	Clifford R. Jack Jr., MD Mayo Clinic ADRC	
10:35 - 10:45am PT			10min
Impact on the Field with Respect to Clinical Trials and Clinical Practice		Michael Rafii, MD, PhD USC, ATRI	
10:45 - 10:55am PT			10min
Impact on Diagnosis and Treatment of U	nderrepresented Groups	Gladys E. Maestre, MD, PhD South Texas ADRC	
10:55 - 11:05am PT			10min
Implementation in the ADRC Network		Alireza Atri, MD, PhD Arizona ADRC	
11:05 - 11:15am PT			10min
Addressing Gaps and Opportunities in th	Cynthia Carlsson, MD, MS Wisconsin ADRC		
11:15 - 11:25am PT			10min
Inflammation or Vascular Integration		Donna Wilcock, PhD Indiana University ADRC	
11:25am - 12:05pm PT			40min
Panel Discussion: The New NIA-AA Criteria	Suzanne Craft, PhD (Moderator) Wake Forest University ADRC Alireza Atri, MD, PhD Arizona ADRC Cynthia Carlsson, MD, MS Wisconsin ADRC	Clifford R. Jack Jr., MD Mayo Clinic ADRC Gladys E. Maestre, MD, PhD South Texas ADRC Donna Wilcock, PhD Indiana University ADRC Michael Rafii, MD, PhD	
		USC, ATRI	

CTF SESSION

2:15 - 2:20pm PT	5min
Introduction	Allan I. Levey, MD, PhD Emory University, Goizueta ADRC
2:20 - 2:35pm PT	15min
UDSv4 Timing Data	Greg Jicha, MD, PhD University of Kentucky ADRC
2:35 - 2:50pm PT	10min Presentation, 5min Q&A
МВІ	Kostas Lyketsos, MD, MHS Johns Hopkins ADRC
2:50 - 3:05pm PT	10min Presentation, 5min Q&A
SCD	Aimee Pierce, MD OHSU ADRC
3:05 - 3:20pm PT	10min Presentation, 5min Q&A
MCI vs. Impaired, Not MCI	Cynthia Carlsson, MD, MS Wisconsin ADRC
3:20 - 3:40pm PT	20min
Q&A	
3:40 - 3:45pm PT	5min
Closing	Allan I. Levey, MD, PhD Emory University, Goizueta ADRC

REC POSTER SESSION

2023 Hybrid Fall ADRC Meeting Thursday, October 19

4:00 - 5:30pm PT

REC Pos	ter Session (in-person)	
1	Neighborhood Disadvantage is Associated with Changes in Cerebrovascular Health Among Older Adults Over a 9-years Follow- up Period	Francis Cambronero, PhD Vanderbuilt Exploratory ADRC
2	Associations Between Sex- and APOE-Specific Transcriptomic Signatures in Alzheimer's Disease and Imaging-Derived Phenotypes: An AZ-ADRC Research Education Scholars Team Science Project	Adam Raikes, PhD Arizona ADRC
3	Associations Between Metabolic Syndrome Severity Score and Connectivity of Default Mode Network Subsystems in the HABLE Study	Zachary Green, PhD (Cand.) University of Kansas ADRC
4	Characterizing Dynamic Functional Connectivity of the Default Mode Network in Alzheimer's Disease	Hesam Jehanian, PhD University of WashingtonADRC
5	The Effects of Transcranial Photobiomodulation on Cerebral Hemodynamics in Early Alzheimer's Disease	Naomi Gaggi, PhD NYU ADRC
6	Preliminary Analysis of Retinal Vessel Density and Perfusion with ADRD Imaging Biomarkers	Sunu Mathew, MBBS Indiana ADRC
7	Assessing the Correlations Between Pathology and Hippocampal Volume in Neurodegenerative Diseases Using 7T Postmortem MRI	Jr-Jiun Liou, PhD University of Pittsburgh ADRC
8	Managing Mitochondrial Calcium Levels to Safeguard Bioenergetics in Alzheimer's Disease	Pooja Jadiya, PhD Wake Forest University ADRC
9	Longevity Treatments Affect Alzheimer's Disease Neuropathology in Aged Male EFAD Mice	Amy Christensen-Pacheco, PhD USC ADRC
10	Stem Cell-derived Neurons and Directly Reprogrammed Neurons Capture Pre-clinical and Clinical Phases of Tauopathies	Miguel Minaya, PhD Washington University, Knight ADRC
11	Mitochondrial CHCHD10 in Tauopathy in Alzheimer's Disease	Tian Liu, PhD Cleveland ADRC
12	The Role of Vascular Aging in Alzheimer's Disease Pathology	Vanessa Guzman, PhD Columbia University ADRC
13	Targeted Plasma eQTL and pQTL to Identify Potential Novel Biomarker for Alzheimer's Disease in African Americans	Minerva Carrasquillo, PhD Mayo Clinic ADRC
14	p38a MAPK: A Link Between Inflammation and Neuronal Dysfunction	David Braun, PhD University of Kentucky ADRC
15	The Inflammasome-Related ASC-Speck is a Microglial Danger Signal and Therapeutic Target for Vaccine Development to Address Neuroinflammation	Jonathan Hulse, BA, BS New Mexico ExploratoryADRC
16	Epigenetic Regulation of Microglia in Alzheimer's Disease	Johannes Schlachetzki, MD UCSD ADRC
REC Pos	ter Session continued on next page.	

REC POSTER SESSION (cont.)

17	Short Tandem Repeats as a Novel Genetic Driver of Alzheimer's Disease	Michael Guo, MD, PhD Penn ADRC
18	Role of the tRNA Regulome and Associated Codon-Specific Proteomic Changes in Mouse Models of Aging and Alzheimer's Disease	Jennifer Blaze, PhD Mount Sinai ADRC
19	Evaluating the Causal Associations Between Genetically Predicated Psychiatric Disorders and SuperAging	Malik Kanaan Nassan, MD Northwestern ADRC
20	The Regulation of Neuronal Pentraxin 2 Synaptic Trafficking by Manipulation of Parbalbumin Interneuron and Cholinergic Circuit	Seung-Eon Roh, PhD Johns Hopkins ADRC
21	Identification of a Novel Complement Component C1q Synaptic Interacting Partner	Matthew Benskey, PhD Michigan ADRC
22	Excessive Daytime Sleepiness and Arterial Stiffness are Associated with Worse Cognitive Function in a Racially Diverse High-risk Cohort	Brittany Butts, PhD Goizueta ADRC, EmoryUniversity
23	Investigating Behavior Patterns of Minority Aging Research Study Participants	Selda Yildiz, PhD OHSU ADRC
24	Improving Health and Well-being of People with Alzheimer's Disease and Related Dementias and their Family Caregivers in Eastern North Carolina	Rashmita Basu, PhD Duke/UNC ADRC
25	Predictors of Late/Missed Diagnosis of Clinical Dementia	Yi Chen, PhD Rush ADRC
26	Aldentification of Outcome-oriented Progression Subtypes from Mild Cognitive Impairment to Alzheimer's Disease Using Electronic Health Records	Jie Xu, PhD 1Florida ADRC
27	Closed-loop Electronic Tattoo for Personalized healthcare Monitoring, Diagnostics, and Therapeutics	Hyoyoung Jeong, PhD UC Davis ADRC
28	Decline in Smartphone Usage Relates to Disease Severity and Clinical Progression in Frontotemporal Lobar Degeneration: Proof-of-concept for Smartphone-based Capture of Real-world Neurobehavior	Emily Paolillo, PhD UCSF ADRC
29	Data-driven Assessment of Contribution of Neuropathological Changes to Cognitive Impairment in Late Life	Tianchen Qian, PhD UC Irvine ADRC
REC Post	er Session (Virtual)	
4:05 PM	Experimental Biomarker Results from a Phase 1 Feasibility Trial of Senolytics for Alzheimer's Disease	Valentina R. Garbarino, PhD South Texas ADRC
4:20 PM	Dementia Needs Assessment in Latine Communities: Strengths, Challenges, and Policy Opportunities in Wisconsin, USA	Maria Mora Pinzon, MD, MS, FACPM Wisconsin ADRC
4:35 PM	Subcellular Proteomics and iPSC Modeling Uncover Mechanisms of Axonal Pathology in Alzheimer's Disease	Yifei Cai, PhD Yale ADRC

NACC SESSION

8:00 - 8:03am PT		3min
Welcome and Introduction	Sarah Biber, PhD NACC	
UDSv4 Panel Presentations		
8:03 - 8:10am PT		7min
New Scientific Content and Importance of Standardization	Greg Jicha, MD, PhD University of Kentucky ADRC	
8:10 - 8:18am PT		8min
Loveraging Electronic Data Conture to Streamline and Reduce Purden	Meredith Zozus, PhD South Texas ADRC	
Leveraging Electronic Data Capture to Streamline and Reduce Burden	Sarah Gothard OHSU ADRC	
8:18 - 8:23am PT		5min
Benefits of Electronic Data Capture for UDS in the Clinic	Jeffrey Burns, MD, MS University of Kansas ADRC	
8:23 - 8:28am PT		5min
Support for ADRCs - Clinical	Cynthia Carlsson, MD, MS Wisconsin ADRC	
8:28 - 8:33am PT		5min
Support for ADRCs - Techical	Sarah Gothard OHSU ADRC	
8:33 - 8:40am PT		7min
UDSv4 Timeline and Roadmap	Sarah Biber, PhD NACC	
8:40 - 9:00am PT		20min
Panel Q&A		
New Ways to Access Your Data		
9:00 - 9:10am PT		10min
NACC Data Platform Update	Sarah Biber, PhD NACC	
	Brendan Smith, BS NACC	
Becoming More Multi-Modal		
9:10 - 9:13am PT		3min
Update	Sarah Biber, PhD NACC	
9:13 - 9:23am PT		10min
CLARITI	Sterling Johnson, PhD Wisconsin ADRC	
9:23 - 9:30am PT		7min
Digital Data Collection for UDSv4	Rhoda Au, PhD Boston University ADRC	

NEUROPATHOLOGY CORE SESSION

10:15 - 10:25am PT	10min
Welcome, Vascular Pathology Survey Results and Other Updates	Thomas Wisniewski, MD NYU ADRC
10:25 - 10:45am PT	15min Presentation, 5min Q&A
The Alzheimer's Disease Pathologic Work-up: Are We Missing Significant Vascular Pathology?	Julie Schneider, MD, MS Rush University ADRC
10:45 - 11:00am PT	10min Presentation, 5min Q&A
Neuropathological Correlates of MRI-Visible Small Vessel Disease Lesions	Susanne Van Veluw, PhD Massachusetts General Hospital
11:00 - 11:15am PT	10min Presentation, 5min Q&A
Neuropathology of Cerebrovascular Disease at UCLA	Shino Magaki, MD, PhD UCLA
11:15 - 11:30am PT	10min Presentation, 5min Q&A
Proteomic Studies of Vascular Pathology in Alzheimer's Disease and COVID-19	Dominique Leitner, PhD NYU ADRC
11:30 - 11:45am PT	10min Presentation, 5min Q&A
A Workflow for Automated Segmentation of Arteriolosclerotic Blood Vessels on Digitized H&E Stained Brain Tissues Using Deep Learning	Jerry Lou, MD UC Irvine ADRC

ORE CORE SESSION

From Ideas to Implementation

1:45 - 1:50pm PT			5min
Introduction		Sophia Wang, MD Indiana University ADRC	
Connecting with Bilingual and Multilin	gual Communities		
1:50 - 2:00pm PT			10min
Bilingualism and Cognitive Aging: W	hy Does it Matter?	Miguel Arce Rentería, PhD Columbia University ADRC	
2:00 - 2:10pm PT			10min
Bienvenidos al ADRC		Marianne Chanti-Ketterl, PhD Duke/UNC ADRC	
2:10 - 2:20pm PT			10min
Reaching out, Assessing In: Insights and Evaluating Chinese Americans	from Recruiting	Boon Lead Tee, MD UCSF ADRC	
2:20 - 2:30pm PT			10min
Panel Discussion	Miguel Arce Rentería, PhD (moderator)	Boon Lead Tee, MD UCSF ADRC	
	Columbia University ADRC	Marianne Chanti-Ketterl, PhD Duke/UNC ADRC	
Intentional Engagement for Health ar	nd Research Equity: Beyond Barbers	shops, Pulpits and Health Fai	s
2:30 - 2:32pm PT			2min
Introduction		Monica Willis Parker, MD Emory University, Goizueta ADRC	
2:32 - 2:42pm PT			10min
Promoting Cognitive Research and Clinical Trial Engagement Through Collaborations Developed by a Cardio Cog Clinic			
Cardio Cog Clinic		Neelum T. Aggarwal, MD Rush University ADRC	
			10min
Cardio Cog Clinic	Developed by a g and Studying		10min
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting	Developed by a g and Studying	Rush University ADRC Jim Galvin, MD, MPH	10min 10min
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting Diverse Research Samples in their Co	Developed by a g and Studying ommunity	Rush University ADRC Jim Galvin, MD, MPH	
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting Diverse Research Samples in their Co 2:52 - 3:02pm PT	Developed by a g and Studying ommunity	Rush University ADRC Jim Galvin, MD, MPH 1Florida ADRC Olivio Clay, PhD	
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting Diverse Research Samples in their Co 2:52 - 3:02pm PT Engaging Communities in the Deep S	Developed by a g and Studying ommunity	Rush University ADRC Jim Galvin, MD, MPH 1Florida ADRC Olivio Clay, PhD UAB Exploratory ADRC Olivio Clay, PhD	10min
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting Diverse Research Samples in their Co 2:52 - 3:02pm PT Engaging Communities in the Deep S	Developed by a g and Studying ommunity South Monica Willis Parker, MD (moderator)	Rush University ADRC Jim Galvin, MD, MPH 1Florida ADRC Olivio Clay, PhD UAB Exploratory ADRC Olivio Clay, PhD UAB Exploratory ADRC William Hu, MD, PhD	10min
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting Diverse Research Samples in their Co 2:52 - 3:02pm PT Engaging Communities in the Deep S 3:02 - 3:12pm PT	Developed by a g and Studying ommunity Gouth Monica Willis Parker, MD (moderator) Emory University, Goizueta ADRC Neelum T. Aggarwal, MD	Rush University ADRC Jim Galvin, MD, MPH 1Florida ADRC Olivio Clay, PhD UAB Exploratory ADRC Olivio Clay, PhD UAB Exploratory ADRC	10min
Cardio Cog Clinic 2:42 - 2:52pm PT How About I Come to You? Recruiting Diverse Research Samples in their Co 2:52 - 3:02pm PT Engaging Communities in the Deep S 3:02 - 3:12pm PT	Developed by a g and Studying ommunity Gouth Monica Willis Parker, MD (moderator) Emory University, Goizueta ADRC Neelum T. Aggarwal, MD Rush University ADRC Jim Galvin, MD, MPH	Rush University ADRC Jim Galvin, MD, MPH 1Florida ADRC Olivio Clay, PhD UAB Exploratory ADRC Olivio Clay, PhD UAB Exploratory ADRC William Hu, MD, PhD	10min

DATA CORE SESSION

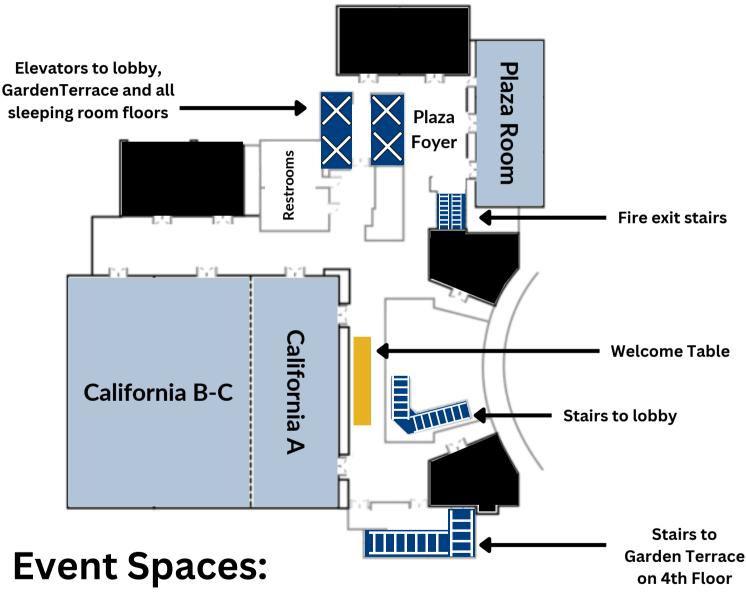
Epidemiology in the ADRC Program

3:35 - 3:40pm PT		5min
Epidemiology in the ADRC Program		Erin Abner, PhD University of Kentucky ADRC
3:40 - 3:55pm PT		15min
Representativeness of Samples Enrolled Alzheimer's Disease Research Centers	in	Miguel Arce Rentería, PhD Columbia University ADRC
3:55 - 4:10pm PT		15min
Structural Determinants of Alzheimer's Disease Related Dementias		Paris "AJ" Adkins-Jackson, PhD Columbia University ADRC
4:10 - 4:25pm PT 15min		
Racial and Ethnic Differences in Neuropsychiatric Symptoms and Progression to Incident Cognitive Impairment Among Community-dwelling Participants		Ganesh M. Babulal, PhD, OTD Washington University School of Medicine
4:25 - 4:40pm PT		15min
Different Cohort, Disparate Results: Selection Bias is a Key Factor in Autopsy Cohorts		Peter Nelson, MD, PhD University of Kentucky ADRC
4:40 - 5:05pm PT 25min		
Panel Discussion	Erin Abner, PhD (moderator) University of Kentucky ADRC Miguel Arce Rentería, PhD Columbia University ADRC	 Paris "AJ" Adkins-Jackson, PhD Columbia University ADRC Ganesh M. Babulal, PhD, OTD Washington University School of Medicine Peter Nelson, MD, PhD University of Kentucky ADRC



Westin San Diego Gaslamp Quarter

Second Level



- California B-C (2nd floor)
- California A (2nd floor)
- Plaza Room (2nd floor)
- Breakfast: Garden Terrace (4th Floor)



Hotel Address: 910 Broadway Circle San Diego, CA 92101