

DATA CORE PRE-MEETING WORKSHOP

2022 Hybrid Fall ADRC Meeting

Wednesday, Oct 19th, 2022

In-Person Location:

Simpson Querrey Biomedical Research Center, 303 E. Superior Street, Chicago - Auditorium (Room 1-230)

2:00pm - 2:15pm (CT)	13min Presentation, 2min Q&A
Genetic association between epigenetic aging-acceleration and the progression of mild cognitive impairment to Alzheimer's disease	Sheng Luo, PhD Duke/UNC ADRC
2:15pm - 2:30pm (CT)	13min Presentation, 2min Q&A
Data-Driven Development of the UAB Exploratory ADRC	Chad Murchison, PhD UAB Exploratory ADRC
2:30pm - 2:45pm (CT)	13min Presentation, 2min Q&A
Evaluation of machine learning-readiness in Alzheimer's disease data cohorts	Vijaya Kolachalama, PhD, FAHA Boston University ADRC
2:45pm - 3:00pm (CT)	13min Presentation, 2min Q&A
Application of item response theory to the study of mixed neuropathologies in the aging brain	Yuriko Katsumata, PhD University of Kentucky ADRC
3:00pm - 3:15pm (CT)	13min Presentation, 2min Q&A
Demographic Adjustment Is Not Demographic Correction: A Simulation Study	Jacob Fiala, MA 1Florida
3:15pm - 3:30pm (CT)	13min Presentation, 2min Q&A
Estimate the time-to-conversion for Alzheimer's Disease in healthy and MCI subjects using neuroimaging-genomics multi-modal deep survival analysis	Da Ma, PhD Wake Forest University ADRC
3:30pm - 3:45pm (CT)	13min Presentation, 2min Q&A
Measuring Alignment Between the ADRC UDS Data Elements, FDA, and EHR Data Standards	Meredith Zozus, PhD South Texas ADRC
3:45pm - 4:00pm (CT)	13min Presentation, 2min Q&A
A study on the Sample Representativeness of the Wisconsin ADRC Clinical Core Participants of the Wisconsin State Population	Yue Ma, PhD Wisconsin ADRC
4:00pm - 4:15pm (CT)	13min Presentation, 2min Q&A
Bayesian random change point mixed model for longitudinal data: an application to the study of cognitive performance trajectories in Wisconsin Registry for Alzheimer's Prevention	Lianlian Du, MS Wisconsin ADRC
4:15pm - 4:30pm (CT)	13min Presentation, 2min Q&A
Statistical Methods For Assessing Health Disparity in Longitudinal ADRC Research	Chen-Pin Wang, PhD South Texas ADRC

4:30pm - 4:45pm (CT)	<i>13min Presentation, 2min Q&A</i>
3D brain modeling and the prospect of virtual reality Neuropathology Cores	Kevin Bieniek, PhD South Texas ADRC
4:45pm - 5:00pm (CT)	<i>15min</i>
Break	
5:00pm - 5:10pm (CT)	<i>UPDATES FROM THE EDC WORKING GROUP 10min</i>
Welcome and Overview of EDC workgroup	Sarah Biber, PhD NACC
5:10pm - 5:25pm (CT)	<i>UPDATES FROM THE EDC WORKING GROUP 15min</i>
Development Update	Deborah Zemlock, BS Northwestern ADRC
5:25pm - 5:40pm (CT)	<i>UPDATES FROM THE EDC WORKING GROUP 15min</i>
Requirements Update	Chad Murchison, PhD UAB Exploratory ADRC Sarah Gothard, BS Oregon Health and Science University, ADRC
5:40pm - 5:55pm (CT)	<i>UPDATES FROM THE EDC WORKING GROUP 15min</i>
Documentation and Training Update	Laura McLeod, BBA NACC
5:55pm - 6:00pm (CT)	<i>UPDATES FROM THE EDC WORKING GROUP 5min</i>
EDC Workgroup Q&A	