

Wisconsin Alzheimer's Disease Experts at Alzheimer's Association International Conference 2023 – Presentation List

1. "Culturally-informed Community-engaged Efforts to Improve Inclusion and Engagement of Underrepresented Ethnocultural Populations in the Alzheimer's Disease Neuroimaging Initiative 3 Study: The ADNI Diversity Task Force," a talk by Ozioma Okonkwo. Co-authors: Monica Rivera Mindt, Miriam T. Ashford, Catherine Conti, Joseph Strong, Rema Raman, Garrett Miller, Michael C. Donohue, Rachel L Nosheny, Godfrey Coker, Melanie Jayne Miller, Ronald C. Petersen, Paul S. S Aisen, Michael S. W. Weiner
2. "Supporting informed decision-making about Alzheimer's biomarker disclosure: identifying areas of knowledge and information needs in a research cohort," a poster presented by Fred Ketchum. Co-authors: Claire M. Erickson, Nathaniel A. Chin, Kristin Basche, Hannah Rosario, Sterling Johnson, Lindsay R. Clark
3. "Gut microbial composition mediates the relationship between intestinal inflammation and amyloid burden before cognitive decline," a poster presented by Margo Heston. Co-authors: Qilin Hong, Antonio Gonzalez, Tobey Betthausen, Nathaniel Chin, Kendra Hanslik, Katie Zarbock, Robert Kerby, Sanjay Asthana, Sterling Johnson, Rob Knight, Rima Kaddurah-Daouk, Zhengzheng Tang, Tyler Ulland, Federico Rey, Barbara Bendlin
4. "Biological sex and vessel specific relationships between cerebral pulsatility and white matter hyperintensities: a 4D flow MRI study," a poster presented by Erin Moir. Co-authors: Brandon G. Fico, Nicole A. Loggie, Sarean H.A. Gaynor-Metzinger, Alexander M. Norby, Anna J. Howery, Leonardo A. Rivera-Rivera, Laura B. Eisenmenger, Oliver Wieben, Sterling C. Johnson, Jill N. Barnes
5. "Effect of SUVR reference region selection on sampled iterative local approximation estimates of amyloid onset age," a poster presented by Jordan Teague. Co-authors: Elena Ruiz de Chavez, Erica Irizarry-Pagan, Karly Cody, Sanjay Asthana, Sterling Johnson, Bradley Christian, Rebecca Langhough Kosciak, Tobey Betthausen
6. "Effects of biomarker timing on preclinical cognitive trajectories and tau PET accumulation," a poster presented by Karly Cody. Co-authors: Rebecca E.

Langhough, Shorena Janelidze, Bradley T. Christian, Sterling C. Johnson, Oskar Hansson, Tobey J. Betthauser

7. "Synaptic density is correlated with A β plaques and neurofibrillary tau tangles across the clinical and biologic Alzheimer's disease continuum," a talk presented by Alexandra DiFilippo. Co-authors: Max McLachlan, Andrew K. McVea, Brecca Bettcher, Erin M. Jonaitis, Gilda E. Ennis, Mary-Elizabeth Pasquesi, Nancy J. Davenport, Yer Thor, Ethan Grover, Sarah Hudson, Todd E. Barnhart, Jonathan W. Engle, Tobey J. Betthauser, Sterling C. Johnson, Barbara B. Bendlin, Bradley T. Christian
8. "Preclinical Alzheimer's disease is associated with distinct gut microbial metagenomic profiles," a poster presented by Jea Woo Kang. Co-authors: Margo B. Heston, Yuetiva Deming, Antonio González, Tyler K. Ulland, Sterling C. Johnson, Sanjay Asthana, Cynthia M. Carlsson, Nathaniel Chin, Ethan Grover, Vaibhav BV Vemuganti, Gwendlyn Kollmorgen, Margherita Carboni, Kaj Blennow, Henrik Zetterberg, Rob Knight, Rima Kaddurah-Daouk, Federico E. Rey, Barbara B. Bendlin
9. "Establishing National Social Exposome Alzheimer's Disease and Related Dementias (ADRD) Infrastructure" a talk presented by Amy Kind
10. "Dementia needs assessment in Latine communities: strengths, challenges and policy opportunities in Wisconsin, USA," a poster presented by Maria Mora Pinzon. Co-authors: Melanie Nicole Benito, Andrea Kurasz, Zhanhai Li, Cynthia M. Carlsson
11. "Dementia vs Alzheimer's Disease – Perceptions from Latine individuals and its implications for health communications," a talk presented by Maria Mora Pinzon. Co-Author: Susie C. Fernandez de Cordova
12. "Impact of a Hybrid Dementia Education Program for College Students: New Friends," a poster presented by Uriel Paniagua. Co-authors: Bonnie L. Nuttkinson, Sheryl Spensley, Molly Schroeder, Laura M. Kelble, Alexis M. Eastman, Zoe X. Young, Tamara J. LeCaire, Darby J. Morhardt, Art Walaszek, Cynthia M. Carlsson
13. "Using the RE-AIM framework to help implement an educational intervention for improving the care of persons with behavioral and psychological symptoms of dementia in primary care," a poster presented by Art Walaszek. Co-authors: Jonathan A Stone, Molly Schroeder, Tammi Albrecht, Tamara J. LeCaire, Cynthia M. Carlsson

14. "Does amyloid moderate practice effects in language measures in a cognitively unimpaired at-risk sample?" a poster presented by Kristin Basche. Co-authors: Erin Jonaitis, Tobey Betthausen, Bradley Christian, Bruce Hermann, Sterling Johnson, Kimberly Mueller, Rebecca Langhough
15. "Recruitment of Underrepresented Groups into the AHEAD Study: Strategic plan of Action," a poster presented by Taryn James. Co-authors: Carey E. Gleason, Alexander Gee Jr., Diane C. Gooding, Brenda Carroll Lofton, Fabu P. Carter, Gina Green-Harris, Nia Norris, Sacheen L. Lawrence, Margaret F. King, Hector Salazar, Cecilia Cardenas, Aleshia Cole, Kate Cronin, Cynthia M. Carlsson, MD, Shenikqua Bouges
16. "Social support, plasma amyloid, and cognitive function: Findings on cognitive resilience from the African Americans Fighting Alzheimer's in Midlife (AA-FAIM) study," a talk presented by Megan Zuelsdorff. Co-authors: Cedric Williams, Barbara Fischer, Diane C. Gooding, Carol A. Van Hulle, Lauren W.Y. McLester-Davis, Mary F. Wyman, Fabu P. Carter, Nia Norris, Sydnee Livingston, Sterling C. Johnson, Sanjay Asthana, Kristopher M. Kirmess, Matthew R. Meyer, Carey E. Gleason, Gina Green-Harris
17. "An accelerated rate of Beta-amyloid Measured with [C-11]PiB in Down Syndrome compared to Neurotypical Populations," a poster presented by Andrew McVea. Co-authors: Alexandra DiFilippo, Max McLachlan, Dhanabalan Murali, Matthew Zammit, Sterling Johnson, Tobey J. Betthausen, Charles Stone, Dana L. Tudorascu, Charles M. Laymon, William E. Klunk, Ann D. Cohen, Benjamin L. Handen, Bradley T. Christian
18. "Midlife Hearing, Vision, Olfactory, and Motor Function Improve the Long-Term Prediction of Cognitive Decline and Onset of Cognitive Impairment," a poster presented by Natascha Merten. Co-authors: A. Alex Pinto, Adam J. Paulsen, Richard J. Chappell, Yanjun Chen, Corinne D. Engelman, Luigi Ferrucci, Laura M. Hancock, Sterling C. Johnson, Carla R Schubert
19. "Rate of clinical progression in mixed Limbic-Predominant Age-Related TDP43 Encephalopathy (LATE) and Alzheimer disease," a poster presented by Monica Ospina Romero. Co-authors: Shahriar M. Salamat, Tobey Betthausen, Barbara Bendlin
20. "Relationship between APOE risk score and myelin in Alzheimer's disease," a poster presented by Nicholas Schulz. Co-authors: Kao Lee Yang, Jennifer M. Oh, Theresa J. Kang, Allison M. Randall, Nancy J. Davenport-Sis, Yuetiva Deming,

Carol Van Hulle, Tobey J. Betthausen, Doug Dean III, Sterling C. Johnson, Andrew L. Alexander, Barbara B. Bendlin

21. "A study on the sample representativeness of the Wisconsin Alzheimer's Disease Research Center Clinical Core participants versus the Wisconsin state population," a poster presented by Yue Ma. Co-authors: Maria C. Mora Pinzon, William R. Buckingham, Andrew Bersch, Ryan Powell, Tamara J. LeCaire, Gilda E. Ennis, Yuetiva Deming, Erin M. Jonaitis, Leah Reuter, Fangfang Shi, Alice Spalitta, Michelle L. Wahoske, William B. Bevis, Hanna M. Blazel, Nathaniel A. Chin, Dorothy F. Edwards, Art Walaszek, Ozioma C. Okonkwo, Richard J. Chappell, Sterling C. Johnson, Sanjay Asthana, Carey E. Gleason, Amy J.H. Kind, Barbara B. Bendlin, Cynthia M. Carlsson
22. "Childhood self-reported socioeconomic status modifies the genetic risk of Alzheimer's on mid- and late-life cognitive decline in a population-based study," a poster presented by Yuexuan Xu. Co-authors: Corinne Engelman
23. "Feasibility, satisfaction, and test-retest reliability of repeated remote memory assessments with older adults," a poster presented by Kristin Basche. Co-authors: David Berron, Amanda Peterson, Samantha Allison, Sterling Johnson, Emrah Duzel, Lindsay Clark
24. "Intra- and post-procedural lumbar puncture symptoms in a sample of Black/African American, American Indian/Alaska Native, and White middle age and older adults," a poster presented by Aleshia Cole. Co-authors: Carol Van Hulle, Nathaniel Chin, Sterling Johnson, Barbara Bendlin, Ozioma Okonkwo, Carey Gleason, Sanjay Asthana, Dorothy-Farrar Edwards, Cynthia Carlsson
25. "Relationships between KLOTTHO and APOE4-associated β -amyloid and tau alterations across AD continuum," a poster presented by Noah Cook. Co-authors: Ira Driscoll, Catherine Gallagher, Sterling Johnson, Sanjay Asthana, Bruce Hermann, Mark Sager, Kaj Blennow, Henrik Zetterberg, Cynthia Carlsson, Gwendlyn Kollmorgen, Margherita Carboni, Dan Wang, Dena Dubal, Ozioma Okonkwo
26. "Cross-sectional associations between amyloid and tau PET and cognitive performance in Black adults without dementia: Preliminary results from the African Americans Fighting Alzheimer's in Mid-life study," a poster presented by Gilda Ennis. Co-authors: Rebecca Langhough Koscik, Karly Cody, Megan Zuelsdorff, Shenikqua Bouges, Fabu P. Carter, Taryn T. James, Hector Salazar,

Tobey J. Betthausen, Sanjay Asthana, Sterling C. Johnson, Barbara B. Bendlin, Carey E. Gleason

27. "Biomarker ratios: does it matter if the biomarker is designated as the numerator or the denominator?" a poster presented by Yue Ma. Co-authors: Kao Lee Yang, Barbara Bendlin
28. "Errors and repetitions on tests of language, verbal learning, and memory in cognitively unimpaired adults at increased risk for Alzheimer's disease," a poster presented by Kimberly Mueller. Co-authors: Kristin Basche, Casey Frost, Tobey Betthausen, Bradley Christian, Bruce Hermann, Sterling Johnson, Rebecca Langhough
29. "Depression amplifies the association between age and amyloid burden in an at-risk cohort," a poster presented by Lexi Nelson. Co-authors: Kyle J. Edmunds, Talia L. Brach, Elizabeth M. Planalp, Bradley T. Christian, Tobey J. Betthausen, Sterling C. Johnson, Sanjay Asthana, Ozioma Okonkwo
30. "Associations of physical activity with cerebrospinal fluid biomarkers of neurodegeneration, neuroinflammation, and Alzheimer's Disease," a poster presented by Beth Planalp. Co-authors: Carol A. Van Hulle, Barbara B. Bendlin, Kaj Blennow, Margherita Carboni, Cynthia M. Carlsson, Corinne D. Engelman, Gwendlyn Kollmorgen, Yue Ma, Ozioma Okonkwo, Sterling C. Johnson, Henrik Zetterberg, Natascha Merten
31. "CSF SNAP-25 Correlations with Synaptic Density by [11C]-UCB-J-PET Imaging and AD Biomarkers," a poster presented by Rachael Wilson. Co-authors: Erin M. Jonaitis, Rebecca E. Langhough, Tobey J. Betthausen, Alexandra H. DiFilippo, Bradley T. Christian, Ozioma C. Okonkwo, Barbara B. Bendlin, Nathaniel A. Chin, Cynthia M. Carlsson, Sanjay Asthana, Sterling C. Johnson, Henrik Zetterberg
32. "Using Different Time Operationalizations To Investigate Relationships Among Amyloid PET, White Matter Hyperintensities, And Cognition In A Cognitively Unimpaired Sample," a poster presented by Rebecca Langhough. Co-authors: Lianlian Du, Karly Alex Cody, Erin M. Jonaitis, Bruce P Hermann, Nathaniel A. Chin, Leonardo A. Rivera-Rivera, Robert V. Cadman, Christian C. Pompa, Sarah Hudson, Bradley T. Christian, Laura B. Eisenmenger, Tobey J. Betthausen, Sterling C. Johnson
33. "Klotho protein concentrations as a function of sex, APOE, family history or Alzheimer's disease biomarker status in an at-risk cohort," a poster presented by Ira Frahm. Co-authors: Ira Driscoll, Tobey J. Betthausen, Catherine L.

Gallagher, Bruce P. Hermann, Mark A. Sager, Cynthia M. Carlsson, Gwendlyn Kollmorgen, Margherita Carboni, Dan Wang, Kaj Blennow, Henrik Zetterberg, Sterling C. Johnson, Sanjay Asthana, Dena B. Dubal, Ozioma Okonkwo

34. "Disseminating COVID-19 and Alzheimer's Disease Information to Underrepresented Communities Using Social Media," a poster presented by Taryn James. Co-authors: George Levy, Ornella J. Hills, Tiffany Ellis, Ashley Benitez, Sacheen L. Lawrence, Carey E. Gleason, Melissa Metoxen, Maria C. Mora Pinzon
35. "Assessment of Lifecourse Social Exposome in Brain Bank Decedents," a poster presented by Sarah Keller. Co-authors: W. Ryan Powell, William R. Buckingham, Brittney Lyons Boone, Amanda DeWitt, Joseph A. Kramer, Barbara B. Bendlin, Amy J.H. Kind
36. "Wisconsin Longitudinal Study (WLS), the Initial Lifetime's Impact on Alzheimer's Disease (WLS-ILIAD): A Novel Opportunity to Study the Influence of Education on ADRD," a poster presented by Kate Lange. Co-authors: Sanjay Asthana, Victoria Williams, Brittani Strait, Anne Fischer
37. "Soliciting Participant Program Guidance through the Development of an ADRC Participant Advisory Council," a poster presented by Bonnie Nuttkinson. Co-authors: Tracy Smith, Erin Chin, Erin Lacey, Hanna M. Blazel, Art Walaszek, Dorothy F. Edwards
38. "Two novel cerebrospinal fluid (CSF) markers for vascular injury are associated with CSF markers of AD, neurodegeneration, and gliosis," a poster presented by Carol Van Hulle. Co-authors: Selvi Ince, Erin Jonaitis, Tobey J. Betthausen, Gwendlyn Kollmorgen, Norbert Wild, Barbara B. Bendlin, Seth Love, Sanjay Asthana, Sterling C. Johnson, Cynthia M. Carlsson, Kaj Blennow, Henrik Zetterberg, J. Scott Miners
39. "Association between military service identified through public data tracing and Alzheimer's disease neuropathology at autopsy," a poster presented by Leigha Vilen. Co-authors: Megan Zuelsdorff, Sahriar Salamat, Alexandra Pfaff, Robert Rissman, Barbara Bendlin, Amy J. Kind, W. Ryan Powell
40. "Peripheral insulin resistance and creatinine levels are associated with plasma phosphorylated tau," a poster presented by Kao Lee Yang. Co-authors: Gilda Ennis, Erin Jonaitis, Sterling Johnson, Nicholas Ashton, Kaj Blennow, Henrik Zetterberg, Barbara B. Bendlin

41. "Dysphagia Outcomes from a Multidisciplinary Clinic for Persons with Dementia," a poster presented by Joanne Yee. Co-authors: Joanne P. Yee, Danielle Brates, Amelia Barczi, Meredith Mackowicz-Torres, Lindsay R. Clark, Ellen Wanninger, Brian Lee Young Lewis, Aaron Kuntz, Raele Donetha Robison, Sara Gustafson, Amy J. Kind, Nicole M. Rogus-Pulia
42. "A human stem cell model of development and pathology of basal forebrain cholinergic neurons," a poster presented by Anita Bhattacharyya. Co-author: Jose Martinez
43. "An Update on the Building Bridges Study: Examining the effects of two interventions on trust in medical researchers and research attitudes among African American participants," a poster presented by Shenikqua Bogues. Co-authors: Debra Noell, Fauzia Osman, Alayna Oby, Susan FlowersBenton, Antwon Clippis, Barbara Fischer, Diane Gooding, Ruben Anthony, Fabu Carter, Hector Salazar, Carola Ferrer Simó, Gilda Ennis, Carol Van Hulle, Megan Zuelsdorff, Mary Wyman, Adrienne Johnson, Nickolas Lambrou, Taryn James, Cynthia Carlsson, Sanjay Asthana, Carey Gleason
44. "Cardiorespiratory fitness partially mediates the association between age and insulin resistance in a cohort enriched with risk for Alzheimer's disease," a poster presented by Kyle Edmunds. Co-authors: Clayton C. McIntyre, Brianne Breidenbach, Sarah R. Lose, Barbara B. Bendlin, Mark Sager, Sanjay Asthana, Sterling C. Johnson, Ozioma C. Okonkwo
45. "Retention of Study Partners in Longitudinal Studies of Alzheimer Disease," a poster presented by Dorothy Edwards. Co-authors: Rebecca M. Bollinger, Matthew Gabel, Dean W. Coble, Szu-Wei Chen, Audrey A. Keleman, Jeff Doralus, Erin Chin, Jennifer H. Lingler, Joshua D. Grill, Susan L. Stark
46. "Examining the modifying role of sex on the relationship between cardiorespiratory fitness and insulin resistance," a poster presented by Kyle Edmunds. Co-authors: Clayton C. McIntyre, Brianne Breidenbach, Alexis Nelson, Sarah R. Lose, Barbara B. Bendlin, Mark Sager, Sanjay Asthana, Sterling C. Johnson, Ozioma C. Okonkwo
47. "The Prevalence and Impact of Vertebral Artery Hypoplasia on Cerebral Hemodynamics," a poster presented by Brandon Fico. Co-authors: M. Erin Moir, Nicole A. Loggie, Sarean Harmoni A. Gaynor-Metzinger, Kathleen B. Miller, Alex M. Norby, Leonardo A. Rivera-Rivera, Anna J. Howery, Howard A. Rowley, Kevin M. Johnson, Sterling C. Johnson, Oliver Wieben, Jill N. Barnes

48. "Impact of learning amyloid PET results on test-related distress and concern about dementia in a cognitively unimpaired observational cohort," a poster presented by Lindsay Clark. Co-authors: Nathaniel Chin, Claire Erickson, Sterling Johnson, Kristin Basche, Hannah Rosario, Fred Ketchum
49. "Effects of biomarker timing on preclinical cognitive trajectories and tau PET accumulation," a talk presented by Karly Cody. Co-authors: Rebecca E. Langhough, Shorena Janelidze, Bradley T. Christian, Sterling C. Johnson, Oskar Hansson, Tobey J. Betthauser
50. "Staging Neurodegeneration Across the Alzheimer's Disease Continuum," a poster presented by Jason Moody. Co-authors: Douglas C. Dean III, Andrew L. Alexander, Sterling C. Johnson, Barbara B. Bendlin
51. "Decline in proper name retrieval during story recall is associated with Alzheimer's disease CSF biomarkers in cognitively unimpaired individuals," a poster presented by Kimberly Mueller. Co-authors: Anja Soldan, Kristin Basche, Madeline Hale, Leah Sanson-Miles, Abhay Mokeghar, Marilyn Albert, Corinne Pettigrew
52. "Compensatory versus Rehabilitative Dysphagia Management Approaches are More Frequently Recommended in Hospitalized Patients with Alzheimer's Disease and Related Dementias," a poster presented by Raele Robison. Co-authors: Courtney Broadfoot, Sara Gustafson, Joanne Yee, Ryan Burdick, Nicole Butz, Andrea Gilmore-Bykovskyi, Amy Kind, Nicole Rogus-Pulia
53. "Scholars reflect on first ADRC-REC cycle," a poster presented by Sheryl Spensley. Co-authors: Sheryl Spensley, Barbara B. Bendlin, Elizabeth Head, José E. Cavazos, Hussein N. Yassine
54. "Effect of SUVR reference region selection on sampled iterative local approximation estimates of amyloid onset age," a poster presented by Jordan Teague. Co-authors: Elena Ruiz de Chavez, Erica Irizarry-Pagan, Karly Cody, Sanjay Asthana, Sterling Johnson, Bradley Christian, Rebecca Langhough Koscik, Tobey Betthauser
55. "Memory Screening in the Community: Increasing access to early detection, diagnosis, and care," a poster presented by Kao Lee Yang. Co-authors: Kao Lee Yang, Laura Kelble, Kristen Felten, Cynthia M. Carlsson, Lindsay R. Clark