

Wisconsin In Person TALKS at AAIC 2025

Presenter First Name	Presenter Last Name	Day of Presentation	Presentation Title	Co-Authors
Max	McLachlan	Sunday, July 27	Regional tau burden emerges following beta-amyloid chronicity timeline in the Down syndrome population	
Carol	Van Hulle	Sunday, July 27	Mild Behavior Impairment with Subjective Cognitive Decline is associated with impaired cognitive function	Carol A. Van Hulle, Mary F. Wyman, Carey E. Gleason, Sterling C Johnson, Sanjay Asthana, Cynthia M. Carlsson, Barbara L. Fischer
Tobey	Betthauser	Monday, July 28	Factors influencing tau trajectories along the amyloid timeline from three cohorts	Tobey J. Betthauser, Hailey Bruzzone, Jacob Morse, Finnuella J. Carey, Corinne D. Engelman, Richard J. Chappell, Carey E. Gleason, Lindsay R. Clark, Brian Gordon, Megan L. Zuelsdorff ¹ , Rebecca E. Langhough
Noah Recording presentation, has a lab meeting	Cook	Monday, July 28	X Chromosome Genetic Risk Across Sex, APOE*4, and Pleiotropic Traits Reveals Novel Alzheimer's Disease Mechanisms and Risk Genes	
Rachael	Wilson	Monday, July 28	Proteomics at our fingertips: Coupling remote collection devices with NULISA multiplex panels	Ramiro Eduardo Rea Reyes, Aaron Fredricks, Alamar TAP team, Sara Rusch, Monica VandenLangenberg, Cindy Jensen, Martie Marshall, Elysse Keske, Beckie Jeffers, Haley Weninger, Hanna Huber, Laia Montoliou-Gaya, Nicholas Ashton, Sterling C. Johnson, Henrik Zetterberg
Deling	He	Tuesday, July 29	Associations Between Self-reported History of Traumatic Brain Injury on Longitudinal Cognitive and Speech Changes Linked to Alzheimer's Disease Risk Factors	Olivia Goulette ¹ , Deling He ¹ , Kristin Basche ¹ , Rebecca Langhough, Tobey Betthauser, Bruce Hermann, Sterling C. Johnson, Kimberly Mueller

Jason	Moody	Tuesday, July 29	Associations between Early-Life Area-Level Disadvantage and Plasma Markers of Alzheimer's Disease Pathology and Neurodegeneration – A Mixed-Longitudinal Study	Samriddhi Dube, William R. Buckingham, W. Ryan Powell, Amanda DeWitt, Rachael Wilson, Sara Keller, Henrik Zetterberg, Sterling C. Johnson, Amy J.H. Kind, Barbara B. Bendlin
Angel	Hammond	Wednesday, July 30	Association of Neighborhood-Level Disadvantage with Antemortem MRI Brain Volumes in a Multi-site Brain Bank Donor Cohort	Angel Hammond, BS1, Ruvini Navaratna, BS, MS1, Jason F Moody, PhD2, Amanda DeWitt, MLIS1, Michael L Alosco, PhD3, Alireza Atri4, Kelly M. Bakulski, PhD5, Thomas G Beach6, James B. Brewer, MD, PhD7, Carmen Carrion, PsyD8, Joshua Chodosh, MD, MSHS9, Anthony Fabio, PhD, MPH10, Sarah Tomaszewski Farias, PhD11, Victor W Henderson, MD, MS12, Julia K. Kofler, MD10, Jessica B. Langbaum, PhD13, Rebecca J Lepping, PhD14, Jennifer H Lingler, PhD, MA, CRNP, FAAN10, Jonathan D Mahnken, PhD15, Karyn Marsh, PhD16, Adam P Mecca, MD, PhD17, Oanh L. Meyer, PhD18, Jill K Morris, PhD19, Judith A. Neugroschl, M.D.20, Maureen K. O'Connor, PsyD21,22, Henry L Paulson, MD, PhD23, Eric M. Reiman, MD24, Patricia Rodriguez Espinoza, PhD, MPH12,25, Mary Sano, PhD20, Andrew J. Saykin, PsyD26, C. Elizabeth Shaaban, PhD, MS, MPH10,27, David L Sultzer, MD28,29, Rachel A. Whitmer, PhD30, Thomas Wisniewski, MD16, Carolyn W. Zhu, PhD31, William R. Buckingham, PhD1, W. Ryan Powell, PhD, MA1, Amy J.H. Kind, MD, PhD1, Tobey J. Betthausen, PhD1,32 and Barbara B. Bendlin, PhD1,33
Kao Lee	Yang	Thursday, July 31	Associations between plasma pTau217, cognitive impairment, and synaptic density in AD vulnerable brain regions	Kao Lee Yang, Alexandra DiFilippo, Yazan Hammad, Yue Ma, Rachael Wilson, Mary-Elizabeth Pasquesi, Erin Jonaitis, Todd E Barnhart, Jonathan W Engle, Tobey Betthausen, Nicholas Ashton, Sterling Johnson, Bradley Christian, Henrik Zetterberg, & Barbara Bendlin

Wisconsin In Person POSTER PRESENTATIONS at AAIC 2025

Presenter First Name	Presenter Last Name	Day of Presentation	Presentation Title	Co-Authors
Noah	Cook	Sunday, July 27	Cross-ancestry prioritization of sex-specific Alzheimer's disease risk genes through genetics and proteogenomics	
Deling	He	Sunday, July 27	Enhanced Sensitivity to Elevated Plasma p-Tau 217 with Proper Name Delayed Recall in the Preclinical Alzheimer's Cognitive Composite	Deling He, Rebecca E Langhough, Erin Jonaitis, Rachael Wilson, Bruce Hermann, Sterling Johnson, Kimberly Mueller ¹
Julie	Oomens	Sunday, July 27	Plasma pTau217 levels and conversion to MCI in the Wisconsin Registry for Alzheimer's Prevention and the Wisconsin ADRC	
Lindsay	Clark	Monday, July 28	Satisfaction and utility in learning research amyloid PET results across the clinical spectrum	Nathaniel Chin, Sara Frost Alberson, Fred Ketchum, Kristin Basche, Isa Hayde, Hannah Rosario, Amanda Peterson, Melissa Bahr, Madilynn Wintlend, Olivia Mandel, Marcella Eveler, Cara Omernik, Sterling Johnson
Kayla Can't attend but will share poster and write up	Dillon	Monday, July 28	Recruiting care partners of hospitalized people living with dementia: insights from a pilot randomized controlled trial	Te-Lien Ku, MPH, BS, Henry P Karelitz, BS Candidate, Jenna Sanders, BS Candidate, Anne M Mortensen, BS, Shelly C VanDenbergh, MS, RN, CMSRN, GCNS-BC, Emmanuel Quarcoo, MSN, RN, ACNS-BC, Dani M Edwards, DNP, MSN, RN, NEA-BC, Courtney Harvey, BSN, RN, Michele L Shoemaker, MSN, RN, CNML and Beth E Fields, PhD, OTR/L, BCG

Jessamine	Kuehn	Monday, July 28	Fecal levels of short-chain fatty acids and prominent bacterial taxa involved in their production are inversely associated with amyloid-positive status	Jessamine F. Kuehn ^{1,2*} , Qijun Zhang ^{1*} , Margo B. Heston ^{3*} , Jea Woo Kang ³ , Sandra J. Harding ³ , Nancy J. Davenport-Sis ³ , Darby C. Peter ³ , Robert L. Kerby ¹ , Vaibhav Vemuganti ¹ , Emma C. Schiffmann ¹ , Michael M. Tallon ¹ , Joseph Harpt ^{1,3} , Arun Hajra ¹ , J. L. Wheeler ³ , Sushma Shankar ³ , Alissa Mickol ³ , Justus Zemberi ³ , Hana Chow ³ , Eric Zhang ³ , Eleanor Clements ³ , Hanna Noughani ³ , Allison Forst ³ , Grace Everitt ³ , Gwendlyn Kollmorgen ⁴ , Clara Quijano-Rubio ⁵ , Bradley T. Christian ³ , Cynthia M. Carlsson ³ , Sterling C. Johnson ^{3,6} , Sanjay Asthana ^{3,6} , Henrik Zetterberg ^{3,7,8,9,10,11,12} , Kaj Blennow ^{7,8,13,14} , Tyler K. Ulland ^{3,15} , Federico E. Rey ^{1,16†} , Barbara B. Bendlin ^{3,6†} *authors contributed equally to this work †corresponding authors
Kate	Lange	Monday, July 28	Effects of Processing Deviations on Plasma Concentrations of AD Biomarkers	Poster Co-Authors: Victoria Williams, Ralph Trane, Rachael Wilson, Ramiro Eduardo Rea Reyes, Beckie Jeffers, Elysse Keske, Cindy Jensen, Aaron Fredricks, Brittani Strait, Anne Fischer, Nicole Cooke, Emma Henning, Pam Herd, Michal Engelman, Sterling C. Johnson, Henrik Zetterberg, Sanjay Asthana
M. Erin	Moir	Monday, July 28	Elevated cerebral pulsatility is associated with cerebrospinal fluid biomarkers of neurodegeneration in cognitively unimpaired adults	Poster Co-Authors: Brandon G. Fico, Sarean Harmoni A. Gaynor-Metzinger, Nicole A. Loggie, Alexander M. Norby, Anna J. Howery, Gwendlyn Kollmorgen, Henrik Zetterberg, Kaj Blennow, Oliver Wieben, Sterling C. Johnson, Jill N. Barnes
Julie	Oomens	Monday, July 28	Integration of plasma and imaging data within the ADRC biofluid and imaging ecosystems	

Ramiro Eduardo	Rea Reyes	Monday, July 28 (may be in person, may be virtual)	Effect of Corpulence on pTau217 Measurements in Plasma	Rachael E. Wilson, Julie E. Oomens, Rachel L. Studer, Elysse Keske, Aaron Fredricks, Martie Marshall, Cindy Jensen, Monica Vandenlangenberg, Beckie Jeffers, Erin M. Jonaitis, Rebecca E. Langhough, Nathaniel A. Chin, Sanjay Asthana, Henrik Zetterberg, Sterling C. Johnson
Art	Walaszek	Monday, July 28 (may be in person, may be virtual)	Clinicians' Perspectives on Barriers and Opportunities in Implementing DETAILD for Enhancing the Care of Patients Living with Behavioral and Psychological Symptoms of Dementia and Their Caregivers	Molly Schroeder, Tamara Le Caire, Tammi Albrecht, Jonathan Stone, Uriel Paniagua, Cindy Carlsson, Art Walaszek
Kyle	Conniff	Tuesday, July 29	Predicting Retention of American Indian and Alaska Native Research Participants in the NACC Dataset	Daniel L Gillen, Ph.D. Joshua D Grill, PhD.
Yasmine	Coovadia	Tuesday, July 29	The Effects of Sex and Age on Sympathetic Neurovascular Control of Cerebral Hemodynamics	Katheen B. Miller, Nicole A. Loggie, Adam T. Corkery, Anna J. Howery, Jill N. Barnes
Madeline	Hale	Tuesday, July 29	Automated pause analysis of connected speech from story recall as markers of cognitive decline	Madeline R Hale, Deling He, Rebecca Langhough, Kristin E Basche, Tobey J Betthausen, Lingfeng Xu, Julie Liss, Visar Berisha, Bruce P Hermann, Sterling C. Johnson, and Kimberly D Mueller
Max	McLachlan	Tuesday, July 29	Relationship between tau and SV2A in the neurotypical population and translation to the Down syndrome population	

Natascha	Merten	Tuesday, July 29	Accelerated Phenotypical Aging in Midlife is Associated with Long-Term Cognitive Decline in Middle-Aged Adults	Natascha Merten, PhD, MS, Mary Ryan Baumann, PhD, Adam J Paulsen, MS, Huan Li, MA, Richard J. Chappell, PhD, Yanjun Chen, MD/PhD, Lindsay R Clark, Sterling C Johnson, PhD, James S Pankow, PhD, MPH, & Art Walaszek, MD, Madeleine G Soss, BS
Maria	Mora Pinzon	Tuesday, July 29	Not listed	
Julie	Oomens	Tuesday, July 29	Classification performance of the Lumipulse® G pTau 217 Plasma assay and Lumipulse® G pTau 217/β-Amyloid 1-42 Plasma Ratio in a preclinical cohort	
Art	Walaszek	Tuesday, July 29 (may be in person, may be virtual)	Assessing the Gaps and Needs of Healthcare Professionals Caring for Persons Living with Behavioral and Psychological Symptoms of Dementia	
Brandon	Fico	Wednesday, July 30	The Influence of Vascular Function on Biomarkers for Alzheimer's Disease in Adults with Chronic Cerebral Hypoperfusion	Brandon G. Fico, M. Erin Moir, Sarean Harmoni A. Gaynor-Metzinger, Nicole A. Loggie, Alexander M. Norby, Anna J. Howery, Alexandre Hamaide, Leonardo A. Rivera-Rivera, Oliver Wieben, Kevin M. Johnson, Sterling C. Johnson, Jill N. Barnes
Andrew	McVea	Wednesday, July 30	Higher off-target meninges [F-18]MK6240 PET signal associated with APOE4 carriage	Max McLachlan, Brecca Bettcher, Dana L. Tudorascu, Theresa M. Harrison, Susan M Landau, Sterling C. Johnson, Matthew Zammit, Tobey J. Betthauser, Bradley T. Christian

William	Coath	Date unknown	Improving longitudinal A β PET precision in the 1946 British birth cohort through anatomical consistency	
Madeline	Hale	Date unknown	Predicting PET amyloid positivity in the intermediate plasma p-tau ₂₁₇ group	Madeline R Hale, Kristin E Basche ¹ , Rebecca Langhough, Ramiro Reyes, Rachael Wilson, Tobey J Betthauser, Henrik Zetterberg, Bruce P Hermann, Sterling C. Johnson, and Kimberly D Mueller
Eli	Seath	Date unknown	Association of COVID-19 Positivity with Biomarkers of Alzheimer's Disease and Cognitive Test Performance	Sarah Scalzo, Elias Seath, Rachel Studer, Erin Jonaitis, Elizabeth Planalp, Ramiro Reyes, Rachael Wilson, Sterling Johnson, Rebecca Langhough

Wisconsin Virtual POSTER PRESENTATIONS at AAIC 2025

Presenter First Name	Presenter Last Name	Day of Presentation	Presentation Title	Co-Authors
Isabella	Hoang	Tuesday, July 29	The Impact of Language Mismatch on Mini Mental State Examination Scores is Moderated by Years of Education	Joe Strong, Jacqueline Pontes Monteiro, Matt Glittenberg, Ozioma Okonkwo
Jacqueline	Pontes Monteiro	Wednesday, July 30	Community-Engaged Research Methods and Preliminary Findings: Insights from ADNI4 Engagement Core's Community Research Liaisons and Navigators	Hannatu Amaza, Isabella Hoang, Alyssa Arentof, Vanessa A. Guzman, Lauren Smitherman, Zipporah Melton, Chester DeWitt, Natalie Perez, Mariana Perez, Joseph DiBenedetto, Fabiola Magaña, Lisa Renier Thomas, Shaniya Parkins, Julianne Yoon, Caterina Bocardo, Matt Glittenberg, Stephen Cubbellotti, Adam Diaz, Laura Wang, Michael Weiner, Rachel L. Nosheny, Monica G Rivera Mindt, Ozioma C. Okonkwo
Gilda	Ennis	Date unknown	Plasma p-tau ₂₁₇ A+T+ status is associated with accelerated cognitive decline in the African Americans Fighting Alzheimer's in Mid-life study.	Gilda E. Ennis, Derek Norton, Rebecca E. Langhough, Diane C. Gooding, Megan L. Zuelsdorff, Shenikqua Bouges, Sanjay Asthana, Sterling C. Johnson, Henrik Zetterberg, and Carey E. Gleason
Ikenna	Odoh	Date unknown	The Association of Cardiorespiratory Fitness with Rates of Cognitive Decline in a Multiethnic Cohort at Risk for Alzheimer's Disease	Adam J Paulsen, Ira Driscoll, Brianne M. Breidenbach, Sarah R Lose, Bruce P Hermann, Sanjay Asthana, Sterling C Johnson, Dane B. Cook, Carey E. Gleason, Ozioma C. Okonkwo

Leah	Symanski	Date unknown	Cardiorespiratory fitness modifies the relationship between cerebral vessel stiffness and white matter hyperintensities in a cognitively unimpaired cohort enriched for Alzheimer's disease risk	Brianne M. Breidenbach, Alma Spahic, Sara Fernandes-Taylor, Kyle J. Edmunds, Laura B. Eisenmenger, Leonardo A. Rivera-Rivera, Ira Driscoll, Sanjay Asthana, Sterling C. Johnson, Oliver Wieben, Ozioma C Okonkwo
Jea Woo	Kang	Date unknown	Plasma Levels of the Gut Bacteria-Derived Metabolite Imidazole Propionate Are Negatively Associated with Cognitive Scores	Jea Woo Kang, Vaibhav Vemuganti, Erin M. Jonaitis, Sterling C. Johnson, Sanjay Asthana, Cynthia M. Carlsson, Nathaniel A. Chin, Corinne D. Engelman, Tyler K. Ulland, Federico E. Rey, and Barbara B. Bendlin