Alzheimer’s Disease Research Gets $56M NIH Infusion to Expand Aging-Brain Research

The National Institutes of Health grant will launch the 27-year-old Adult Changes in Thought (ACT) study into a new realm of investigation: discovering more effective prevention, treatments and ways to increase diversity and participation. Two of the six research cores will be led by UW Medicine’s Christine Mac Donald, PhD, vice chair of neurological surgery, and Dirk Keene, MD, PhD, pathologist at Harborview Medical Center. Thomas Grabowski, MD, director of the UW Alzheimer’s Disease Research Center and the UW Medicine Memory and Brain Wellness Center, and Jessica Young, PhD, assistant professor of pathology, are investigators. Co-principal investigators are Paul Crane, MD, MPH, UW Medicine; Eric Larson, MD, MPH, Kaiser Permanente Washington Health Research Institute and clinical professor at UW School of Public Health; and Andrea LaCroix, PhD, MPH, University of California San Diego.
Concussions and Adolescents: New Study Funded By $10M NIH Grant

For adolescents who experience concussions, the risk of post-concussive symptoms is high. A new five-year study, to be led by UW Medicine's **Christine Mac Donald, PhD**, will evaluate 1,300 children ages 11 to 17 to discern whether biomarkers can help predict which children are more at risk of persistent post-concussion symptoms. The grant recipient is Four Corners Youth Consortium, a group of organizations that includes UW Medicine, Seattle Children's Hospital, University of California Los Angeles and Children's National Hospital.

Researchers to Study the Mechanisms of Sex Differences in Risk of Developing Alzheimer's Disease with $6M NIH Grant

Three researchers from the University of Washington Institute for Stem Cell & Regenerative Medicine (ISCRM): **Jessica Young, PhD**, **Suman Jayadev, MD**, and **Christine Disteche, PhD**, and their labs will be used in this five-year trial. The Disteche Lab will generate unique hiPSC lines; the Young Lab will derive neurons, glia and brain organoids; and the Jayadev lab will define the molecular pathways that contribute to sex differences in Alzheimer's disease.

IN THE NEWS

- **David Pitkethly, MD**, becomes 66th President of the Western Neurosurgical Society.
- **Richard G. Ellenbogen, MD**, receives Cloward Award from the Western Neurosurgical Society.
- **Sidney M. Gospe Jr. MD, PhD**, honored for his 2021 Roger and Mary Brumback Memorial Lifetime Achievement Award from the Child Neurology Society.
- **Catherine Amlie-Lefond, MD**, honored with the Sidney Carter Award in Child Neurology by the American Academy of Neurology.
- University of Washington is ranked #9 among pediatric hospitals in Doximity Residency Navigator of Child Neurology residency programs.

Welcome to UW Medicine’s Memory & Brain Wellness Center

The UW Medicine Memory & Brain Wellness Center promotes the well-being of those living with memory loss and their families. Our team of neurologists provide exceptional patient care and focus on advancing scientific understanding in Alzheimer's disease research.
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