

# Currently Enrolling Studies

The success of finding new treatments in dementia depends on having volunteers to participate. For more information on how to take part in research offered at the Center, please visit our website at [alzheimers.med.umich.edu](http://alzheimers.med.umich.edu) or give us a call at 734-936-8803.

## Studies Led by Center Researchers

### University of Michigan Memory and Aging Project (UM-MAP)

Our main Center longitudinal study investigates changes in cognitive functioning over time to learn more about normal aging and neurodegenerative diseases. We are looking for adults with or without cognitive changes over the age of 55. Must be able and willing to undergo MRI.

Contact Holly Bunker at [hlbunker@med.umich.edu](mailto:hlbunker@med.umich.edu) or 734-615-5319.

\*Ann Arbor or Detroit

### AHEAD 3-45 Study

This trial is researching the safety and effectiveness of an investigational medication in people who might be at increased risk for developing memory loss associated with AD. The study is looking for participants age 55-80 years old, who have generally normal memory function, and are not being treated for memory problems. For individuals age 55-64, an additional risk factor is required, such as a parent/sibling with AD or previous biomarker testing showing increased risk for developing AD.

Contact Bekkie Wang at [faustre@med.umich.edu](mailto:faustre@med.umich.edu) or 734-647-7571.

\*Ann Arbor

### Comparison of Two Group Wellness Interventions for Individuals with Neurologic Conditions and their Support Persons: A Randomized Clinical Trial (Wellness Study)

Research study comparing two different types of group wellness classes for individuals who have Alzheimer's disease or related dementias (ADRD) and their support persons. The study team is looking to recruit participants 50 or older with Alzheimer's disease or a related dementia and a caregiver over the age of 18.

Contact Mateo Lopez at [rpcnbi-wellness-study@med.umich.edu](mailto:rpcnbi-wellness-study@med.umich.edu) or 734-936-7758.

\*Ann Arbor, Detroit, or Virtual

### Differences in Functional Neuroimaging Across the ADRD Continuum (fNIRS in ADRD)

This study compares brain activity seen using functional near infrared spectroscopy (fNIRS) with brain activity seen using functional magnetic resonance imaging (fMRI) and compares brain activity seen with these two types of imaging across people with different diagnoses. The goal is to learn more about the types of imaging used to look at changes in the brain that lead to cognitive change. The study is looking for adults aged 50 and older, with normal cognition, AD or a related dementia.

Contact Kayla Rinna at [krinna@med.umich.edu](mailto:krinna@med.umich.edu) or 734-936-7739.

\*Ann Arbor

### Diverse Vascular Contributions to Cognitive Impairment and Dementia (Diverse VCID Study)

This study is looking to understand how vascular changes in later life cause brain injury and cognitive decline. Participants must be part of (or willing to be part of) the University of Michigan Memory and Aging Project in addition to this study. The study team is looking for African American adults 65-90 years old with either normal cognition and memory concerns or a diagnosis of MCI to participate.

Contact Danielle Davis at [daviscd@med.umich.edu](mailto:daviscd@med.umich.edu) or 734-615-8378.

\*Ann Arbor or Detroit

### Driving and Physiological Responses (Driving Study)

This study seeks to learn whether certain driving behaviors in day-to-day life or in the laboratory can differentiate individuals who are cognitively healthy and those who have cognitive difficulties. The study team is recruiting individuals ages 65 and older who are either cognitively healthy or have a diagnosis of mild cognitive impairment, have a valid driver's license, drive at least twice per week, and drive a car that is model year 1996 or newer. Driving data is kept confidential and is used for research purposes only.

Contact the study team at [cal-npresearch@med.umich.edu](mailto:cal-npresearch@med.umich.edu) or 734-232-0128.

\*Ann Arbor or Dearborn

## Encephalographic Computerized Assessment (ELECTRA)

This study tests the utility of electroencephalographic (EEG) and computerized testing in identifying the first signs of dementia in at-risk African Americans. Participants must be part of (or willing to be part of) the University of Michigan Memory and Aging Project (UM-MAP) in addition to this study. The study is looking for cognitively normal adults age 65 or older with memory concerns.

Contact the ELECTRA study team at [ELECTRA@lists.wayne.edu](mailto:ELECTRA@lists.wayne.edu) or 313-577-1692.

\*Ann Arbor or Detroit

## Longitudinal Frontotemporal Dementia Study (ALLFTD)

This study aims to evaluate frontotemporal lobar degeneration (FTLD) patients and asymptomatic family members of FTLD patients, characterizing the cohorts longitudinally and informing clinical trial design. The study is looking for adults age 18 or older with a diagnosis of FTLD or with normal cognition who have a family member with FTLD.

Contact Kiren Chaudhry at [chaudhki@med.umich.edu](mailto:chaudhki@med.umich.edu) or 734-615-3593.

\*Ann Arbor

## Michigan Neural Distinctiveness (MiND) Study

This is a longitudinal research project investigating how the brain changes with age, how those changes relate to cognitive function, and what might cause those changes. The study is looking for healthy, cognitively intact adults, age 65 and older with normal or corrected-to-normal hearing, vision and motor control to complete 3 in-person sessions which include cognitive (thinking) tests and 2 MRI brain scans.

Contact Esther Kim at [kesther@umich.edu](mailto:kesther@umich.edu) or 734-763-0343.

\*Ann Arbor

## Patient-Centered Neurorehabilitation (PCN)

This study evaluates the use of transcranial electrical stimulation (tES) and cognitive rehabilitation to improve cognitive abilities in those living with primary progressive aphasia (PPA) or posterior cortical atrophy (PCA). The study is looking for adults with PPA or PCA over the age of 50.

Contact Kayla Rinna at [krinna@med.umich.edu](mailto:krinna@med.umich.edu) or 734-936-7739.

\*Ann Arbor

## Resilience in Sleep and Everyday Life Care Partner Study (RISE)

The goal of this study is to learn more about the daily experiences and sleep patterns of Black care partners and people living with dementia. This study is recruiting care partners age 18+ currently residing in Michigan who identify as Black or African American and the people living with symptoms of dementia (with or without a diagnosis) they reside with and support.

Contact Charity Garner at [risecarepartnerstudy@umich.edu](mailto:risecarepartnerstudy@umich.edu) or 734-232-0532.

\*Phone

## Shared Lives and Everyday Experiences in Partners Study (SLEEP)

The goal of this study is to learn more about the daily experiences and sleep patterns of couples living with dementia, along with how these factors influence well-being and brain health over time. This study is recruiting couple currently residing in Michigan who are age 60 or older with one partner living with symptoms of dementia (with or without a diagnosis).

Contact Charity Garner at [UMsleepstudy@umich.edu](mailto:UMsleepstudy@umich.edu) or 734-232-0532.

\*Phone

## Stimulation of Cingulo-opercular Alertness Network (SCAN)

This study examines the use of transcranial electrical stimulation (tES) as a potential treatment for cognitive challenges in those living with Lewy body dementia (LBD). The study is looking for adults diagnosed with LBD who are over the age of 50.

Contact Jaimie Barr at [jaimieba@med.umich.edu](mailto:jaimieba@med.umich.edu) or 734-998-6894.

\*Ann Arbor

## Stimulation to Improve Memory (STIM)

This study investigates the potential benefits of varying doses of non-invasive electrical brain stimulation combined with cognitive rehabilitation. The study is looking for adults with MCI or AD over the age of 55.

Contact Stephen Schlaefflin at [schlst@med.umich.edu](mailto:schlst@med.umich.edu) or 734-936-7360.

\*Ann Arbor or Detroit

## Study to Uncover Pathways to Exceptional Cognitive Resilience in Aging (SuperAging Research Initiative)

"SuperAgers" are adults over age 80 with the memory ability of individuals 3 decades younger. The SuperAging Research Initiative studies these cognitively healthy adults to identify protective factors that contribute to such remarkable memory performance, including cognitive, lifestyle, genetic, and brain factors. The study is recruiting individuals age 80 and older who are cognitively healthy, fluent in English, and willing to participate in a longitudinal study (visits every 2 years as able).

Contact Gabrielle Lincoln at [glincl@med.umich.edu](mailto:glincl@med.umich.edu) or 734-764-6157.

\*Ann Arbor or Detroit

## Transcranial Magnetic Stimulation in those with Alzheimer's Disease and Related Dementias (TMS in ADRD)

This research study is using a form of non-invasive brain stimulation called transcranial magnetic stimulation, or TMS. The study aims to use TMS to learn more about measures of the ability of the brain to adapt or change. The study team is looking for adults 50 and older with normal cognition, MCI, AD, FTD, PDD, and other related dementias.

Contact Charlene Garcia at [gacharle@med.umich.edu](mailto:gacharle@med.umich.edu) or 734-764-0251.

\*Ann Arbor

## Use of the Kessler Foundation Modified Story Memory Technique to Improve New Learning and Memory in Individuals with Mild Cognitive Impairment (mSMT)

This research study is investigating the effectiveness of a memory enhancement technique in persons with mild cognitive impairment (MCI). One group will undergo a memory enhancement protocol, used to improve memory functioning in individuals with MCI, while the other group will serve as a control group and complete memory exercises with the researcher. The study team is looking for individuals aged 60 or older with a clinical or research diagnosis of MCI to participate.

Contact Mateo Lopez at [rpcnbi-msmt@med.umich.edu](mailto:rpcnbi-msmt@med.umich.edu) or 734-936-7758.

\*Ann Arbor

## Studies Led by Center-Affiliated Researchers

### Cholinergic Mechanisms of Attentional-Motor Integration and Gait Dysfunction in Parkinson Disease (UDALL)

This study is investigating how the amount/loss of the brain chemical messenger acetylcholine is related to balance, gait, or cognitive problems in PD/PSP/AD patients. To determine this, the study team will use a brain imaging technique called positron emission tomography, or PET, and an MRI. Participants will undergo clinical exams and motor and thinking tests (interactive and paper/pencil tasks). The study team is looking for participants with PD, PSP, or AD over the age of 45 to participate.

Contact Fotini Michalakis at [fotinim@med.umich.edu](mailto:fotinim@med.umich.edu) or 734-998-4790

\*Ann Arbor

### A Diagnostic Test for Dementia with Lewy Bodies (Syn-D)

This study will evaluate  $\alpha$ -synuclein, the protein involved in dementia with Lewy bodies (DLB) and related disorders, in patients with suspected Alzheimer's Disease and DLB. Using a simple diagnostic test will improve clinical accuracy in diagnosing, earlier diagnosis, and distinguish between neurodegenerative diseases. The study team is looking for participants 50-85 years old with mild cognitive impairment or DLB.

Contact Abbey Biddix at [abiddix@med.umich.edu](mailto:abiddix@med.umich.edu) or 734-936-5366.

\*Ann Arbor

### HD-tDCS in Primary Progressive Aphasia

This study evaluates the use of transcranial direct current stimulation (tDCS) to improve speech/language abilities in those living with Primary Progressive Aphasia or Primary Progressive Apraxia of speech. The study is looking for adults with Primary Progressive Aphasia (PPA) or Primary Progressive Apraxia of Speech (PPAOS) over the age of 50.

Contact Stephen Schlaefflin at [schlst@med.umich.edu](mailto:schlst@med.umich.edu) or 734-936-7360 or Dr. Tanav Popli at [tanavp@med.umich.edu](mailto:tanavp@med.umich.edu).

\*Ann Arbor

### Memory Training and Neural Plasticity

This study investigates the effects of cognitive training as a possible method for improving cognition. The study is looking for adults age 60 and older without any cognitive complaints or with mild cognitive impairment for training. Sessions may involve magnetic resonance imaging (MRI) of the participant's brain which uses magnetic fields.

Contact Nayiri Sagherian at [MemoryTrainingStudy@umich.edu](mailto:MemoryTrainingStudy@umich.edu) or 734-647-3704.

\*Virtual or Ann Arbor

## New Measures to Improve Outcomes for Informal Care Partners of People Living with Alzheimer's Disease and Related Dementias (AD-PRO)

This study is looking to develop new surveys to capture and characterize the most important aspects of the caregiving experience in "non-traditional" caregivers of people living with Alzheimer's disease and related dementias (ADRD). The study team is looking for participants 18 and older who have an existing relationship with someone living with ADRD and who provide physical assistance, emotional support, and/or financial assistance to this person.

Contact the study team at [pmr-codalab@med.umich.edu](mailto:pmr-codalab@med.umich.edu) or 734-764-0644.

\*Remote

## External Studies Supported by the Center

### Alzheimer's Prevention Trials Webstudy (APT Webstudy)

The APT Webstudy is an online memory and thinking research tool aimed at accelerating enrollment into AD clinical trials by identifying and tracking individuals who may be at higher risk for developing AD. The study is looking for adults over age 50. Visit [www.aptwebstudy.org/welcome](http://www.aptwebstudy.org/welcome) for more information about the study.

Contact the study team at [info@aptwebstudy.org](mailto:info@aptwebstudy.org) or 858-877-3135.

\*Virtual

### Siblings Caring for Parents with Dementia

The Siblings Caring for Parents with Dementia Study is recruiting adult children providing care to an older parent with Alzheimer's disease or a related dementia to discuss their unique experiences. Participants will engage in a conversation using Zoom, complete 3 online surveys and self-collect hair and saliva samples. The study is recruiting two adult children (over age 18) in the same family who are caring for a parent with Alzheimer's disease or related dementia to participate.

Contact Megan Gilligan at [mgilliga@iastate.edu](mailto:mgilliga@iastate.edu) or 515-294-5074.

\*Virtual

### A Pilot Randomized Controlled Trial of a Comprehensive Cognitive and Affective Intervention for Neurocognitive Disorders (CoIntegrate Study)

The CoIntegrate study aims to explore both the feasibility and effectiveness of using a combination of Cognitive Behavioral Therapy and Cognitive Rehabilitation Therapy as a treatment option for individuals experiencing mild cognitive difficulties. The study will assess whether it is practical and achievable to implement these therapies in a real-world setting. Over the course of 8 weeks, participants engage in therapy sessions conducted via Zoom, where they receive either the CoIntegrate therapy sessions or traditional psychotherapy sessions. The study team is looking for individuals with mild cognitive impairment over the age of 50 to participate.

Contact Zee Petrie at [co-integrate@med.umich.edu](mailto:co-integrate@med.umich.edu) or 734-764-5249

\*Virtual

### Stress & Well-being in the Everyday Lives of Caregivers (SWELCare Study)

The SWELCare study focuses on the daily experiences, well-being, and cardiovascular health of individuals living with a family member or friend who is experiencing cognitive decline. The study team is looking for caregivers and persons with cognitive decline over the age of 18 to participate. No formal diagnosis of dementia is required.

Contact Akari Oya at [swelcarestudy@umich.edu](mailto:swelcarestudy@umich.edu) or 734-936-7489.

\*Virtual or phone

### Wellness, Hypertension, Information Sharing, Self-Management, Education Study (WHISE Study)

The Wellness, Hypertension, Information Sharing, Self-Management, Education (WHISE) study is an app-based study looking to understand how social factors and eating patterns are related to blood pressure management. The study team is looking for African American women living in the metro-Detroit area between the ages of 18 and 65 who have been diagnosed with hypertension by a health care provider. The study requires the use of a personal smartphone and willingness to download the WHISE app.

Contact Lenette Jones at [lenettew@umich.edu](mailto:lenettew@umich.edu)

\*Virtual