

Michigan ADRC Core Resources

Clinical Core

Leads: Benjamin Hampstead, PhD, ABPP/CN, bhampstea@med.umich.edu and Judith Heidebrink, MD, MS, jheide@med.umich.edu

Manager: Stephen Campbell, LLMSW, stepcamp@med.umich.edu

Resources:

ADRC UDS data and Neuropsychological assessment data. ADRC subject pool.

Biomarker Core

Leads: Dave Morgan, PhD, scientist.dave@med.umich.edu, Nicholas Kanaan, PhD, nkanaan@med.umich.edu

Resources:

Blood (or other biological fluid) biomarker assessments via SIMOA immunoassays and/or mass spectrometry

Data Management and Statistical Core

Lead: Kelly Bakulski, PhD, bakulski@umich.edu

Manager: Jonathan Reader, MS, readerj@med.umich.edu

Resources:

Contact information for study recruitment, data for secondary analyses, database design/automation, statistical consultation for grant/manuscript, collaboration for analyses for grant/manuscript

Neuroimaging Core

Lead: Doug Noll, PhD, dnoll@umich.edu

Resources:

Access to neuroimaging data for MADRC cohorts, consulting on design of imaging components and imaging biomarkers, consulting on image analysis

Neuropathology Core

Lead: Andrew Lieberman, MD, PhD, liebermn@med.umich.edu

Manager: Matthew Perkins, BA, perkmd@med.umich.edu

<https://www.brainbank.umich.edu/>

Resources:

Fresh frozen and FFPE (on Slides) post-mortem human samples of various Neurodegenerative diseases. MRotary Microtome of FFPE Tissues, Brain Extraction, and Spinal Cord Extraction (laminectomy), Blood Sample Processing (Buffy coat, Serum, Plasma, Packed Red Blood Cells). We can also procure desired tissues from donors with neurodegenerative disease through our autopsy services.

Outreach, Recruitment and Engagement Core

Lead: Scott Roberts, PhD, jscottr@umich.edu

Manager: Renee Gadwa, MBA, rgadwa@med.umich.edu

Resources:

We can help assist studies actively trying to recruit participants; we can offer speaking opportunities / feature articles on our website/newsletter to promote visibility of their work. We also have a research registry available to junior investigators conducting research studies and we can also share information about research studies through our Center newsletters, social media, and email communications. We host an annual Research Symposium and encourage junior investigators to attend and participate in the poster session/oral presentations. We offer various educational materials about dementia, brain health, and helpful resources for patients and families. We encourage junior investigators to follow and interact with our Center/Center Director Twitter accounts @umichalzheimers and @Henrypaulson5. We are always looking for new faculty to join our group of expert presenters and have speaking opportunities available ongoing. Anyone interested can contact Erin Fox at eefox@med.umich.edu.

Research Education Component

Leads: Roger Albin, MD, ralbin@med.umich.edu, Peter Lichtenberg, PhD, p.lichtenberg@wayne.edu, Irving Vega, PhD, vegaie@msu.edu

Manager: Stephanie Nava, MA, senava@med.umich.edu

Resources:

Mentorship of junior investigators, quarterly case conferences, developmental project funds, conference award funds for junior investigators. Dementia for Scientists curriculum (<https://alzheimers.med.umich.edu/for-professionals/>)