

## **Michigan ADRC Core Resources**

### **Clinical Core**

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

Manager: Stephen Campbell, LLMSW, [stepcamp@med.umich.edu](mailto: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](mailto:scientist.dave@med.umich.edu), Nicholas Kanaan, PhD, [nkanaan@med.umich.edu](mailto: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](mailto:bakulski@umich.edu)

Manager: Jonathan Reader, MS, [readerj@med.umich.edu](mailto: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](mailto: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](mailto:liebermn@med.umich.edu)

Manager: Matthew Perkins, BA, [perkmd@med.umich.edu](mailto: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](mailto:jscottr@umich.edu)

Manager: Renee Gadwa, MBA, [rgadwa@med.umich.edu](mailto: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 have a YouTube channel where we share past presentations for professional and community audiences at the link here:

<https://www.youtube.com/channel/UCedNosaSBbF8T5zJ9E5zrzQ>. 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](mailto:eefox@med.umich.edu).

### Research Education Component

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

Manager: Stephanie Nava, MS, [senava@med.umich.edu](mailto: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/>)