

Please join us for the inaugural

Aging Initiative Symposium:

The Aging Brain - Risk and Resilience

Friday, March 15, 2024

8:00 a.m. - 5:00 p.m.

Kahn Auditorium

*U-M Biomedical Science Research Building
109 Zina Pitcher Place, Ann Arbor*

Registration is required at:

michmed.org/vJGNZ



Now accepting abstracts!

Studies of any topic relevant to brain health and aging are welcome. Please submit abstracts of 250 words or less by Friday, March 1 within the Eventbrite registration platform.



8:00 a.m. Registration & Poster Set Up

8:30 a.m. Welcome



8:45 a.m.

Keynote Presentation

"Using Complex Genetics in Mice to Unlock the Secrets of Resilience to Dementia"

Catherine Kaczorowski, Ph.D. – Michigan Neuroscience Institute Affiliate, Elinor Levine Professor of Dementia Research

9:30 a.m. Posters & Networking

10:30-11:45 a.m. - **Session 1 (MiCDA/ CAPRA)**

10:30 a.m. - **Laura Zahodne, Ph.D.** - Biopsychosocial pathways in dementia inequalities: introduction to the Michigan Cognitive Aging Project

10:55 a.m. - **Josh Ehrlich, M.D., M.P.H.** - More than Meets the Eye: Vision and Cognitive Health

11:20 a.m. - **Panel Discussion**

11:45 a.m. - **Lunch / Networking / Posters (POSTERS FROM 12:30-1:30)**

1:30-2:45 p.m. - **Session 2 (MCCFAD / MCUAAAR)**

1:30-1:55 p.m. - **Myles Durkee, Ph.D.** - The Psychological Implications of Racial Code-Switching

1:55-2:20 p.m. - **Elizabeth Munoz, Ph.D.** - Stress and Cognitive Health in U.S. Latinos

2:20-2:45 p.m. - **Panel Discussion**

2:45-3:15 p.m. - **Poster Session & Networking**

3:15-4:30 p.m. - **Session 3 (MADRC / PEPPER)**

3:15-3:40 p.m. - **Emily Briceno, Ph.D.** - Measurement of cognition across culturally and linguistically diverse aging populations

3:40-4:05 p.m. - **Courtney Polenick, Ph.D.** - Daily Experiences and Mental Health in Dementia Care Dyads

4:05-4:30 p.m. - **Panel Discussion**

4:30 p.m. - **Poster Awards & Closing**

Contact Stephanie Nava with questions at senava@med.umich.edu

Name	Poster Title	Poster Number
Emily Beckett	Genetic associations and endolysosomal enrichment of perinatal lead exposure and Parkinson's disease	1
Lauren Benovich	Investigating genetic modifiers of Huntington's Disease using the novel Q111-BXD line	2
Mariah Berchulski	A heritable change in action potential half width that correlates with cognitive resilience	3
Stephanie Boas	Germline CAG Repeats Vary Across Genetically-Segregated BXD Backgrounds and Negatively Predict Motor Performance in a mouse model of Huntington's disease	4
<i>Alicia Burgei</i>	Are There Distinct Memory Impairment Patterns in Amnesic Mild Cognitive Impairment?	5
<i>Yu Chen</i>	Data-independent acquisition (DIA) proteomic approach reveals calcium-activated potassium channels and ADP-ribosylation factors are linked to cognitive resilience to Alzheimer's disease (AD)	6
<i>Tsai-Chin Cho</i>	Changes in marital status and health status in relation to negative wealth shocks among older adults in the United States, 1998-2020	7
<i>Antoinette Coe</i>	Receipt of Medicare Part D Comprehensive Medication Reviews in Older Adults with ADRD	8
<i>Jasmine Cooper</i>	Why We Forget: Memory Encoding in the Aging Brain	9
<i>Lauren Fish</i>	A cognitive resilience gene expression signature in excitatory intratelencephalic cortical neurons	10
<i>Emma Flynn</i>	Comparing the Clinical Dementia Rating (CDR) to Neuropsychological Assessments in Persons with Mild Cognitive Impairment	11
<i>Nicole Hair</i>	Long-Run Effects of Childhood Health on Cognitive Functioning: Evidence from the Introduction of Measles Vaccine	12
<i>Roya Homayouni</i>	Longitudinal Changes of Hippocampal Subfield Volumes from Middle Childhood to Late Adulthood	13
<i>Eskira Kahsay</i>	Association Between Arrest, Incarceration, and Processing Speed among Black Older Americans	14
<i>Julia Kravchenko</i>	Age and genetic background modulate the effect of Alzheimer's Disease on sleep.	15
<i>Wenhua "Zoey" Lai</i>	Investigating the Influence of Friendship Dynamics on Cognitive Health in Older Adults: An Intersectional Perspective	16
<i>Christine E. Lee</i>	Acute Air Pollution Exposure Effects on Declarative Memory Decline in the Detroit Aging Brain Study: A Preliminary Analysis	17
<i>Aleda Leis</i>	Time spent in an impaired glucose state across the midlife and early late adulthood cognitive function: Study of Women's Health Across the Nation	18
<i>Chihua Li</i>	Novel measures of immunosenescence and implications for understanding brain health	19
<i>Jun Li</i>	"Learning by doing" in home health care and implications for dementia populations	20
<i>Liz Litkowski</i>	Poor Glucose Metabolism Explains Cognitive Decline in Normal Aging	21

<i>Laura Arboleda-Merino</i>	Social vulnerability and cadmium's impact on cognition among older adults in the United States National Health and Nutrition Examination Survey	22
<i>Shannon Moore</i>	USING COMPLEX GENETICS IN MICE TO UNLOCK THE SECRETS OF RESILIENCE TO DEMENTIA	23
<i>Yee To Ng</i>	The Effects of Daily Interactions with Friends and Care Recipients on Emotional Well-being Among Black and White Dementia Caregivers	24
<i>Subhamoy Pal</i>	Measurement Invariance of the NIH Toolbox-Cognition Battery Across Demographic Characteristics Shortened Title: Invariance of the NIH Toolbox-Cognition Battery	25
<i>Sarah E. Patterson</i>	"Families are messy, aren't they?": Defining family and care expectations among family caregivers	26
<i>Kiana Scambray</i>	Psychological resilience and cognitive functioning across the intersection of race and gender	27
<i>Surjeet Singh</i>	Causal role of Kirrel3 in sleep disruption of presymptomatic Alzheimer's Disease mice	28
<i>Sara Smith</i>	Age-associated impairment in motor, sensory and memory functions in UM-HET3 mice	29
<i>Tamara Stevenson</i>	Dendritic spine morphological signatures of cognitive resilience to Alzheimer's disease	30
<i>Boxin Sun</i>	Evaluating Time-Delayed Effective Connectivity for Normal Cognition and MCI under Motion Detection Tasks: an EEG Study	31
<i>Sophia Tusker</i>	How do you Manage? A Look into Caregiver Management Styles and Dementia-related Symptoms	32
<i>Augustine Vanlianuk</i>	Genetic Contribution to Motor Phenotypes at Three Months in a Genetically Diverse Mouse Model of Huntington's Disease	33
<i>Leah Wathen</i>	Assessing the Relationship Between Episodic and Working Memory Among Persons with Impaired and Normal Cognition	34
<i>Rachel Carey</i>	Socioeconomic Status and Delayed Recall Ability in a Predominantly Black American Sample: Potential Mediators and Moderator	35
<i>Kimson Johnson</i>	Life Beyond Trauma: Understanding the Interconnected Dynamics of Traumatic Exposure, Health, and Disability in Adults over 50 findings from the National Survey of American Life (NSAL)	36
<i>Mohammad Turaani</i>	PREVALENCE OF METABOLIC COMORBIDITIES AMONG COGNITIVELY NORMAL AND IMPAIRED WHITE AND AFRICAN AMERICANS	37

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