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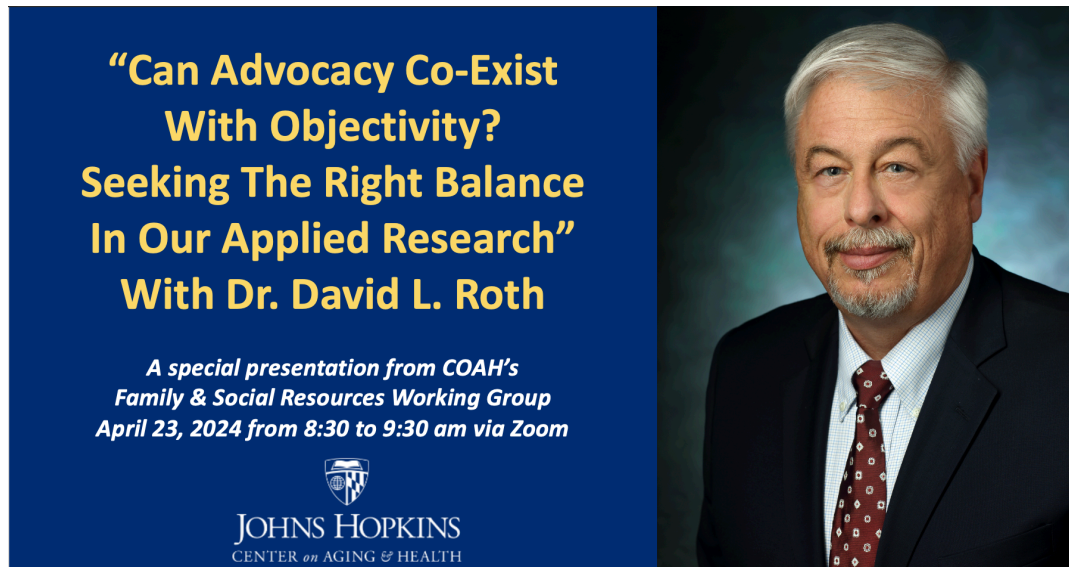
JOHNS HOPKINS
CENTER *on* AGING & HEALTH

The COAH Chronicle

Volume I, Issue 11 (April 12, 2024)


The COAH Chronicle aims to bring you the Center's latest: news and highlights; upcoming seminars, events, and meetings; recent publications from our faculty and fellows; and aging-related research funding opportunities.

Center Highlights



**“Can Advocacy Co-Exist
With Objectivity?
Seeking The Right Balance
In Our Applied Research”
With Dr. David L. Roth**

*A special presentation from COAH's
Family & Social Resources Working Group
April 23, 2024 from 8:30 to 9:30 am via Zoom*


JOHNS HOPKINS
CENTER on AGING & HEALTH

**“Can Advocacy Co-Exist With Objectivity?
Seeking The Right Balance In Our Applied Research”
With Dr. David L. Roth
Tues., April 23rd from 8:30 to 9:30 AM
Via Zoom**

Join us on April 23rd at 8:30 am for a special presentation from COAH's Family and Social Resources Working Group!

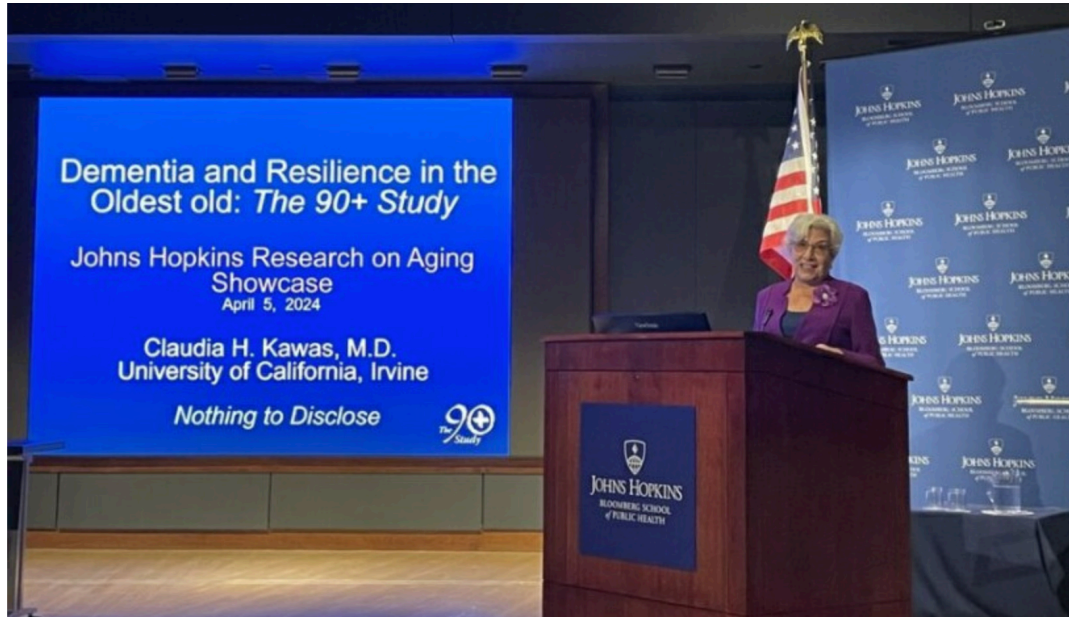
We are delighted to have **Dr. David L. Roth** present for us one last time before his retirement. Dr. Roth's talk will bring an important question to the forefront: Can advocacy co-exist with objectivity? Dr. Roth invites us to discuss being seekers of truth and advocates in ways that remain true to, and objective in, our research while promoting social good. And he will briefly discuss his own work in family caregiving research and common biases, both in caregiving research and in general publication.

No registration or RSVP is required. Simply tap the link below to join the live presentation in progress at the appointed date and time.

Join the Special Presentation Live on 4/23 at 8:30 AM

Sincere Thanks to Participants in the

17th Annual Research on Aging Showcase



The Research on Aging Showcase co-sponsored by COAH and the Bloomberg School of Public Health that was held on April 5th was a huge success! Many thanks to our fabulous keynote speaker and former Hopkins faculty, Dr. Claudia Kawas (pictured above), poster presenters and poster judges, event organizers, and all attendees.



Congratulations to Poster Session Winners!

*Pictured left to right: Juan Vazquez; Yiqing Qian; Joseph Shen; Kening Jiang; and Jason Smith.
Not pictured: Sahar Assi.*

In addition to the exciting aging research led by Johns Hopkins University students, fellows, and faculty, the showcase included great work by colleagues at the University of Maryland, the National Institute on Aging, and beyond.

For more photos and a brief summary of the showcase, please read our blog:

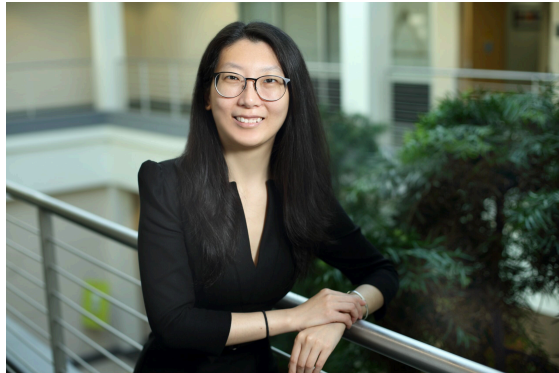
[Read the ROAS Recap Here](#)

News & Announcements

Congratulations to COAH Trainee

Fangyu Liu

**on successfully defending her
thesis on 3/26!**



Thesis title: “Etiology and prevention of late-life frailty: a proteomic approach”

Also, Dr. Liu was selected as a co-recipient of the **2024 Louis I. and Thomas D. Dublin Award** for the Advancement of Epidemiology and Biostatistics.



**Congratulations to
COAH/EBA Trainee**

Pat Donahue

**on successfully defending his
thesis on 4/4!**

Thesis title: “Investigating the associations between respiratory function and wearable accelerometry measures with cognition in older adults”

Happenings



**COAH Core Faculty
Sevil Yasar, MD, PhD
will make a presentation on
“The curious case of the
renin angiotensin system in
dementia” at the next
Geriatric Psychiatry &
Neuropsychiatry
Noon Conference
Friday, April 12, 2024
12 -1 PM**

This presentation will be via Zoom. No registration required. Just click the button below to join the meeting in progress.

Live Zoom Link: Join on 4/12 at Noon

A dark blue banner with a white curved bottom edge. The text "Dementia Consortium" is written in a large, yellow, serif font. Below the banner, the Johns Hopkins Medicine logo is centered, featuring a yellow and blue shield with a caduceus, and the text "JOHNS HOPKINS MEDICINE" below it.

April 15, 2024
4:00 to 5:00 PM
Via Zoom

“The Status of Inhibitory Neuronal Populations in Normal Cognitive Aging”

Cristina Banuelos, PhD
Laboratory of Behavioral Neuroscience, NIA

No registration required—simply click the button below to join the meeting.

Join the JH Dementia Consortium Meeting on 4/15 at 4 PM



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

**Cochlear Center for
Hearing and Public Health**

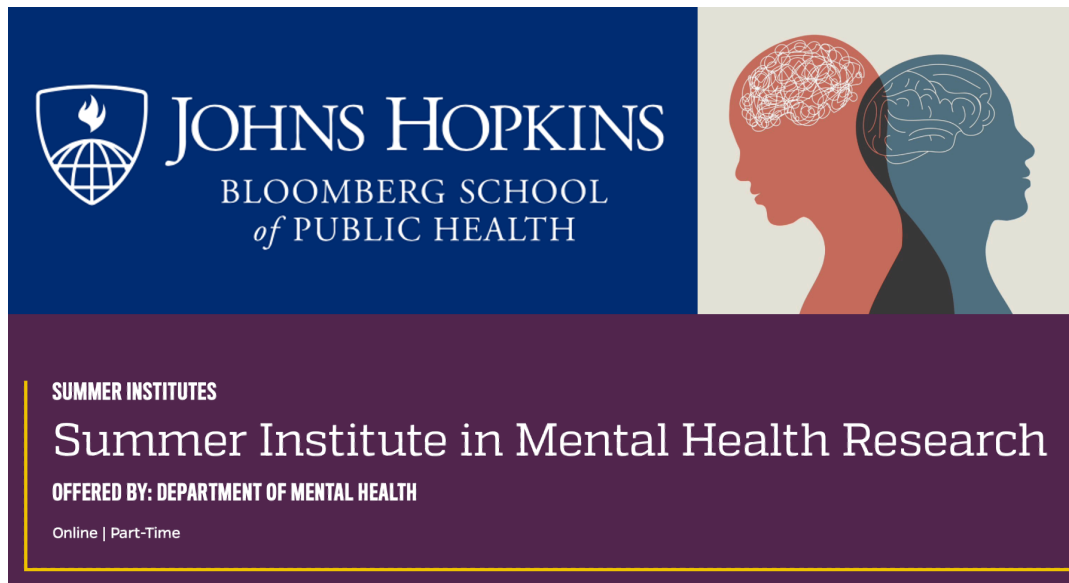
Cochlear Center Research Day:
Fri., April 19th from 9 AM to 3:30 PM

This annual, in-person event includes presentations from Center faculty and collaborators focused, this year, on aspects of the **ACHIEVE study**.

Check-in and breakfast begin 8 AM. Stay for lunch and enjoy poster presentations from trainees, junior faculty, and research staff. Research Day concludes with a celebratory happy hour. Advance registration is required. Registration is free. CART services will be provided. For accessibility accommodations, please contact JHCochlearCenter@jhu.edu.

For the agenda and to register, click below.

[Learn More & Register](#)



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

SUMMER INSTITUTES
Summer Institute in Mental Health Research
OFFERED BY: DEPARTMENT OF MENTAL HEALTH
Online | Part-Time

Register by May 24th for the BSPH Summer Institute in Mental Health Research!

This summer, broaden your knowledge of mental health by registering for a BSPH Department of Mental Health Summer Institute course!

COAH faculty members Drs. Adam Spira and Joseph Gallo will teach courses as part of this summer institute.

DMH's Summer Institute explores the intersection of mental health and sleep, gut health, racism, and climate change—issues that shape the health and well-being of

older adults every day.

Learn about these topics and many more by signing up for one of DMH's 15 all-virtual Summer Institute courses. Courses begin on May 28 and run from two days to two weeks. JHU faculty and staff may qualify for tuition remission.

Questions?

E-mail **COAH Faculty member Dr. [Michelle Carlson](#)**, or Dr. [Patty Scott](#).

[Learn More & Register](#)

RCCN WEBINAR SERIES A GUIDE TO APPLYING FOR NIA K CAREER DEVELOPMENT AWARDS

Career Development Awards at NIA/NIH | March 22, 2-3pm ET
Strategies for Preparing Strong Career Development Applications | April 2, 2-3pm ET
NIH/NIA Grant Review Process | May 9, 12-1pm ET
Stories of Successful K Awards | June 2024, DATE/TIME TBA

Co-Sponsored by:



The presentations aim to provide valuable information to both early career researchers seeking K award funding and their mentors.

Upcoming webinars:

- **NIH/NIA Grant Review Process**
Thursday, May 9 from 12-1pm ET
- **Stories of Successful K Awards**
June 2024, TBA

Recordings of past webinars in this series are available online—just click the link below to access them.

[Learn More & Register](#)

US Deprescribing
Research Network



SAVE THE DATE USDen Annual Meeting

May 15, 2024 • Boston, Massachusetts

USDen 2024 Annual Meeting: 5/15

The US Deprescribing Research Network will hold their 2024 Annual Network Meeting in-person on **Wednesday, May 15th in Boston, Massachusetts** in conjunction with the Society of General Internal Medicine's Annual Meeting.

This highly interactive meeting is open to all with an interest in research that aims to improve deprescribing and medication use in older adults, and features tremendous opportunities to learn from leaders in the field and to network and share ideas with colleagues from across the US and the world.

Students, residents, fellows, and community members may use comp code **USDEN2024** when registering at checkout to waive the \$75 registration fee.

[Register for USDEN24](#)



**The Karen A. Armacost
10th Annual Lecture on Geriatric Care
Thursday, April 18, 2024
4 to 5pm ET**

**Richard A. Grossi Auditorium - Asthma & Allergy Center
Johns Hopkins Bayview Campus
(Reception to follow)**

***Maryland Launches Longevity Ready Initiative:
Planning for Maryland's Growing Older Population***

The Division of Geriatric Medicine and Gerontology at Johns Hopkins University School of Medicine and Johns Hopkins Bayview Medical Center welcome **Maryland Department of Aging Secretary Carmel Roques** as presenter for this year's lecture. She was appointed to this role by Governor Wes Moore in 2023.

In January 2024, the governor signed an executive order establishing the Longevity Ready Maryland Initiative and directed the Maryland Department of Aging to develop a long-term plan to address the needs of the growing older population and the infrastructure that supports them. About these goals, Secretary Roques said:

“Integrating a longevity lens into every government department, promoting coordinated responses, and helping the state shape how public services are delivered will help us prepare, serve and utilize our aging population.”



Join Secretary Roques to learn about the goals, the rationale and the planning process of this ambitious, important initiative.

Seating is limited and is on a first-come, first-served basis (no RSVP required), or attend via Zoom (no registration required—just tap the button below at 4pm on 4/18 and join the live broadcast).

[Attend Armacost Lecture Virtually \(Live Link\)](#)

Upcoming Talks & Meetings

COAH Scientific Seminars & Meetings:

- **Scientific Seminars in May & June:**

- **5/6, 3:30pm - 5pm**

Stephen Kritchevsky, PhD, Professor, Gerontology and Geriatric Medicine,
Wake Forest University School of Medicine

"The Hallmarks of Mobility"

Powe Room 1-500Q, or via Zoom

- **6/3, 3:30pm - 5pm**

Mark Dredze, PhD, John C. Malone Professor, Department of Computer
Science, Johns Hopkins University

Title TBA

Powe Room 1-500Q, or via Zoom

- **Epi & Biostats of Aging:**

- **9th Annual Joint Presentation of the BHS Lab, ENGAGE, &
SMART/WIT Groups**

Date, Time, & Location TBA

- **Meeting**

4/8/24, 3:30 - 4:30pm

5/13, 3:30 - 4:30pm

Career Development Session

SPH Room E6519

- **Epi of Aging Journal Club:**

- **5/13, 12 - 1pm**

Details TBA

COAH Large Conference Room (Room 2-701)

Visit [COAH Events](#) or email [Monique Lee](#) for more information, such as
Zoom links if you are unable to join us in-person.



Division of Geriatric Medicine & Gerontology:

- **Grand Rounds**
 - Every **Thursday 4:00pm - 5:00pm** Norman Library
Asthma & Allergy Center, Room 2B.65
 - 4/18, Armacost Lecture
 - 4/25, No Grand Rounds (replaced by AGS Practice Session)

For more information, contact [Teresa Sponaugle](#).

COAH Research Working Groups:

(Groups meet in the COAH Large Conference Room, unless otherwise noted.)

- **Biostatistics and Research Design**
2nd Wednesday of each month, 11:00am – 12:00pm
Next meeting: TBA
- **Cognitive and Sensory Functions**
3rd Monday of each month, 11:00am – 12:00pm
Next meeting: TBA
- **ENGAGE (Energy, Activity and Aging) Research Group**
Every other Thursday, 12:15 – 1:15pm – Hybrid
Next meeting: 4/18
- **Family and Social Resources**
4th Tuesday of each month, 8:30 – 9:30am – Zoom
Next meeting: 4/23
- **Frailty and Multisystem Dysregulation**

2nd & 4th Wednesdays of each month, 9:00 – 10:00am – Zoom

Next meeting: 4/24

- **International Approaches to Aging**

3rd Wednesday of each month, 11:00am – 12:00pm – Hybrid

Next meeting: TBA

- **Medicare Claims and EHR Analyses**

4th Wednesday of each month, 3:00 – 4:00pm – Hybrid

Next meeting: 4/24

Visit [Research Working Groups](#) for descriptions and contact information.

Publications

Fresh from COAH Faculty and Fellows:

- Cai Y, Liu F, **Wanigatunga AA**, Urbanek JK, Simonsick EM, Ferrucci L, **Schrack JA**. Musculoskeletal Pain Characteristics and Objectively Measured Physical Activity in Older Adults. J Gerontol A Biol Sci Med Sci. 2024 Apr 1;79(4):glae039. doi: 10.1093/gerona/glae039.
- Dean LT, Chung SE, **Gross AL**, Clay OJ, Willis SL, McDonough IM, Thomas KR, Marsiske M, Aysola J, **Thorpe RJ Jr**, Felix C, Berkowitz M, Coe NB. Does Consumer Credit Precede or Follow Health Among Older Adults? An Investigation in the Advanced Cognitive Training for Independent and Vital Elderly (ACTIVE) Trial. Innov Aging. 2024 Feb 22;8(3):igae016. doi: 10.1093/geroni/igae016. eCollection 2024.
- Eisenberg Y, Hofstra A, **Twardzik E**. Quantifying active travel among people with disabilities in the US. Disabil Health J. 2024 Mar 16:101615. doi: 10.1016/j.dhjo.2024.101615. Online ahead of print.
- **Etzkorn LH**, Coënt QL, van den Boogaard M, Rondeau V, Colantuoni E. A joint frailty model for recurrent and competing terminal events: Application to delirium in the ICU. Stat Med. 2024 Apr 2. doi: 10.1002/sim.10053. Online ahead of print.

- Gitlin LN, **Roth DL**, Marx K, Parker LJ, Koeuth S, Dabelko-Schoeny H, Anderson K, Gaugler JE. Embedding Caregiver Support Within Adult Day Services: Outcomes of a Multisite Trial. Gerontologist. 2024 Apr 1;64(4):gnad107. doi: 10.1093/geront/gnad107.
- Green AR, Jiang R, Weston SA, Chamberlain AM, **Nothelle S**, **Boyd CM**, Rocca WA, St Sauver JL. Medication regimen complexity among community-dwelling older adults with incident mild cognitive impairment or dementia. J Am Geriatr Soc. 2024 Mar 21. doi: 10.1111/jgs.18877. Online ahead of print.
- Huang AR, Reed NS, **Deal JA**, Arnold M, Burgard S, Chisolm T, Couper D, Glynn NW, Gmelin T, Goman AM, Gravens-Mueller L, Hayden KM, Mitchell C, Pankow JS, Pike JR, **Schrack JA**, Sanchez V, Coresh J, **Lin FR**; ACHIEVE Collaborative Research Group. Depression and Health-Related Quality of Life Among Older Adults With Hearing Loss in the ACHIEVE Study. J Appl Gerontol. 2024 May;43(5):550-561. doi: 10.1177/07334648231212291. Epub 2023 Nov 28.
- Nguyen TQ, **Carlson MC**, Stuart EA. Identification of complier and noncomplier average causal effects in the presence of latent missing-at-random (LMAR) outcomes: a unifying view and choices of assumptions. Biostatistics. 2024 Apr 5:kxae011. doi: 10.1093/biostatistics/kxae011. Online ahead of print.
- **Schoenborn NL**, Gollust SE, Schonberg MA, Pollack CE, **Boyd CM**, **Xue QL**, Nagler RH. Development and Evaluation of Messages for Reducing Overscreening of Breast Cancer in Older Women. Med Care. 2024 May 1;62(5):296-304. doi: 10.1097/MLR.0000000000001993. Epub 2024 Mar 12.
- Testa A, Jackson DB, Novisky M, Kaufmann C, Gutierrez C, Tsai J, **Spira AP**, **Thorpe RJ Jr**. Links of Previous Incarceration with Geriatric Syndromes and Chronic Health Conditions Among Older Adults in the United States. J Gerontol A Biol Sci Med Sci. 2024 Mar 22:glae084. doi: 10.1093/gerona/glac084. Online ahead of print.
- **Twardzik E**, **Schrack JA**, Freedman VA, Reed NS, Ehrlich JR, **Martinez-Amezcuca P**. An Incomplete Model of Disability: Discrepancies Between Performance-Based and Self-Reported Measures of Functioning. J Gerontol A Biol Sci Med Sci. 2024 Apr 1;79(4):glad271. doi: 10.1093/gerona/glad271.

Funding Opportunities

JOHNS HOPKINS UNIVERSITY

 **OLDER AMERICANS** 

INDEPENDENCE CENTER

Request for Letters of Intent (LOI)
JHU OAIC Awards, Grant Year 2024-2025

Due April 12

The National Institute on Aging-supported Johns Hopkins Claude D. Pepper Older Americans Independence Center (OAIC) is soliciting Letters of Intent (LOI) for scientific projects related to physical frailty in older adults. These proposals should aim to elucidate the etiology of frailty, develop interventions/management strategies for frailty, or develop methodologies to better study physical frailty in older Americans. Proposals leveraging large databases to evaluate inflammatory etiological pathways as well as modern biomarkers for frailty, advancing translation of frailty concepts or measures for improved clinical care and management, technology focused on the treatment/management of frailty, or addressing health equity concerning frailty in older adults are particularly welcome. Applicants from historically underrepresented groups are strongly encouraged to apply. Mechanisms for funding are:

- **Pilot/Exploratory Studies Core Award** (max \$40K), which supports faculty conducting a frailty-related research project
- **Clinical Translation Core Development Project Award** (max \$35K), which supports methods-focused research on clinical translation related to frailty
- **Technological Assessment and Solutions Core Award** (max \$35K), which supports methods-focused research on technological projects related to frailty

In addition to these funds, awardees will have access to biostatistical/analytical, molecular measurement, clinical translational, and technological core support.

LOI Submission Process:

- Applicants must be from Johns Hopkins. The LOI should be targeted to one of the awards described above, be up to 2 pages in length, and include the

following components:

- Overview and study aims
 - Statement of significance to the field of frailty research
 - Summary of research, study design, and data analysis approach
 - For junior faculty applicants, a named mentor and brief overview of proposed career development activities
- **LOI and NIH Biosketch should be submitted as either Word or PDF documents to the JHU OAIC Administrator, [Brian Buta, MHS](#), by **Friday, April 12, 2024**.**

Review Process and Next Steps:

- LOIs will be reviewed in mid-April, 2024.
- Selected projects will be invited to submit full project proposals, due by Friday, May 24, 2024. (Detailed information on full proposal requirements will be provided.)
- The award period for funded applications will be July 1, 2024 to June 30, 2025.

We welcome the opportunity to discuss the suitability and relevance of proposed scientific projects ahead of the LOI deadline. Please direct questions to [Brian Buta, MHS](#).



2024 JHU Center for Equity in Aging: CALL FOR PROPOSALS PILOT RESEARCH INITIATIVE

Due April 15

The JHU Center for Equity in Aging invites applications for its 2024 Pilot Research Initiative. The research opportunity will provide funding for up to two junior faculty grants up to \$10,000 each and up to two post-doctoral fellow or PhD student grants up to \$5,000 each. This pilot research initiative is designed to provide seed funding for the development or advancement of research on aging and/or palliative care research.

The Center will award funds to research projects consistent with the goals and activities of the Center to enhance equity by improving the well-being of older adults and those living with serious illness. Studies may include primary data collection or secondary data analysis.

Priority will be given to proposals focusing on advancing health equity and the following Center priority areas: Dementia; Home-based care delivery; Hospice and palliative care; Behavioral Interventions; and Lifecourse approaches to aging.

These small research funding amounts are designed to contribute to the overall advancement of an existing study and/or to obtain pilot data for an NIH (R34, R03, R21, R01, etc.) or foundation grant application.

TIMELINE:

- **APPLICATION DEADLINE:** **April 15, 2024**
- **AWARDEES ANNOUNCED:** May 31, 2024
- **START DATE:** July 1, 2024

[Equity in Aging Pilot Details & Application Instructions](#)

Mid-Atlantic Center for Cardiometabolic Health Equity (MACCHE) Pilot Project Award Program Call For Applications!

Intent to Submit Deadline: April 15

Application Deadline: May 3



MACCHE is dedicated to addressing multiple co-occurring chronic diseases among socially disadvantaged populations across Maryland and Washington, D.C. The Pilot Project Program will support projects related to cardiometabolic disease disparities led by new and early-stage investigators who are affiliated with Institutions in Maryland and Washington, D.C.

[Learn more & apply here](#)



NON-DILUTIVE FUNDING FOR
AI/TECH+AGING
including Alzheimer's disease and related dementias



Applications for the 4th Annual a2 Pilot Awards Due April 30

The NIA has earmarked \$40 million to fund technology demonstration projects that utilize artificial intelligence (AI) approaches and technology to improve care and health outcomes for older Americans, including persons with Alzheimer's disease and related dementias (AD/ADRD), and their caregivers.

[Learn more about a2 Pilot Awards](#)

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[Submit News](#)

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Center on Aging & Health
Johns Hopkins University
2024 E. Monument Street, Suite 2-700
Baltimore, MD 21205-2223

Tel.: (410) 955-0491

Email: coah0491@jhu.edu

Website: coah.jhu.edu

COAH was established in 1997 as a center of excellence for aging research at the Johns Hopkins Medical Institutions. Our mission is to optimize the health and well-being of older adults through innovative research, leadership, education, and service that meet the needs and goals of a diverse aging population.

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