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**JOHNS HOPKINS**  
CENTER *on* AGING & HEALTH

# The COAH Chronicle

Volume I, Issue 10 (March 22, 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 Highlight

**Please join us for the  
17th Annual Research on Aging Showcase  
on Fri., April 5th**

## Poster Abstract Deadline Extended to Mon., March 25th!



### Keynote Speaker:

**Dr. Claudia Kawas**

**AI and Trish Nichols Chair in Clinical Neuroscience  
Professor of Neurobiology & Behavior and Neurology  
University of California, Irvine**

The 17th Annual Research on Aging Showcase will be held on Friday, April 5, 2024. This year's Keynote Speaker will be **Claudia Kawas, MD**, Professor of Neurology and Neurobiology at the University of California, Irvine. Dr. Kawas will present on ***"Dementia and Resilience in the Oldest Old: The 90+ Study."***

The keynote address will take place in Sheldon Hall (Room W1214) at the Bloomberg School of Public Health from 12:15pm –1:20pm EST, followed by the poster and

networking session in the Turner Concourse (720 Rutland Ave.) from 1:30pm – 3:30pm EST. The poster session is open to students, fellows, and junior faculty from Johns Hopkins, University of Maryland, and the NIA/NIH.

**The poster abstract submission deadline has been extended to this coming Monday, March 25, 2024.** Abstracts/posters that have been previously presented are allowable for this session.

- If you have any questions, please email: [agingshowcasejhsph@gmail.com](mailto:agingshowcasejhsph@gmail.com).
- Use the following link to submit poster abstracts: [Abstract Submission link](#).

**Registration is recommended for each event:**

Register for Showcase Keynote Address

Register for Showcase Poster Session

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## News & Announcements

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**Congratulations to  
COAH trainee  
Francesca Marino on  
successfully defending  
her thesis on 3/13!**

Thesis title: "Daily Physical Activity Patterns as Markers of Early Cognitive Impairment"

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**COAH trainee Fangyu Liu's Final Defense Seminar will take place on 3/26 at 10am in JHSPH Room W3008!**



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

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**COAH/EBA trainee Pat Donahue's thesis defense is scheduled for 4/4 at 12pm in JHSPH Room W2008!**

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

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# Happenings

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**“Improving Care for Older Adults:  
from Clinical Geriatrics to NIA Efforts”**

**Tues., April 9, 2024**

**12pm/Noon**

**Grossi Auditorium**

**Johns Hopkins Bayview Medical Center**



**Amy S. Kelley, MD, MSHS**  
**Deputy Director**  
**National Institute on Aging**

Please join us either in person or virtually on Tues., April 9 at 12pm for the 48th Annual Mason F. Lord Lecture with Dr. Amy Kelley, Deputy Director of the National Institute on

Aging (NIA); her talk is titled, “Improving Care for Older Adults: from Clinical Geriatrics to NIA Efforts.”

Dr. Kelley works closely with the NIA director, provides strategic leadership, supervises daily operations, and serves as an ambassador and spokesperson for the Institute. Additionally, she oversees diversity, equity, inclusion, and accessibility initiatives. Dr. Kelley has extensive experience using the nationally representative, longitudinal Health and Retirement Study (HRS) and National Health and Aging Trends Study (NHATS), both linked with Medicare claims data, to examine factors associated with treatment intensity among older people living with Alzheimer’s disease or a related dementia, and other serious illnesses. Her meritorious research—which bridged geriatrics and palliative medicine by focusing on the needs of seriously ill older adults and their families—was supported by NIA through multiple grants, including a Paul B. Beeson Emerging Leaders Career Development Award in Aging. She has been recognized broadly for her exemplary work, including by the American Geriatrics Society with the 2022 Thomas and Catherine Yoshikawa Award for Outstanding Scientific Achievement in Clinical Investigation.

The Mason F. Lord lecture is co-hosted by the Johns Hopkins University School of Medicine’s Division of Geriatric Medicine & Gerontology, the Johns Hopkins School of Nursing, the Morgan State University Department of Nursing, the University of Maryland Division of Geriatrics and Palliative Medicine, the University of Maryland School of Pharmacy-Peter Lamy Center on Drug Therapy and Aging, the University of Maryland School of Nursing, and the University of Maryland Geriatrics and Gerontology Education and Research Program (GGEAR).

No RSVP is required for in-person attendance. To attend via Zoom, please click the button below at noon on April 9th to automatically join the meeting in progress.

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

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**Starting Fri., March 22nd through June!**

# 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:



This four-part webinar series will:

- Give an overview of Career Development Awards available from NIA
- Offer advice for preparing successful applications
- Share information on the review process
- Provide success stories from previous applicants

The presentations aim to provide valuable information to both early career researchers seeking K award funding and their mentors. The topics, dates, and registration link are below:

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

[Learn More & Register](#)



**SAVE THE DATE** USDeN Annual Meeting

May 15, 2024 • Boston, Massachusetts

## USDeN 2024 Annual Meeting: 5/15

### Poster Abstract Deadline Extended: 3/28

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](#)

[Submit a poster abstract by 3/28](#)

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## William H. Adler, III, MD Lecture on Science and Aging



**Thurs., March 28th at 4pm ET**  
**Grossi Auditorium**  
**Johns Hopkins Bayview Medical Center**



**Featured Speaker:**  
**Huda Yaha Zoghbi, MD**

**Ralph D. Feigin, MD Endowed  
 Chair  
 Professor of Pediatrics, Molecular  
 and Human Genetics, Neurology,  
 and Neuroscience at Baylor  
 College of Medicine**

**Founding Director of the Jan and  
 Dan Duncan Neurological  
 Research Institute at Texas  
 Children’s Hospital**

Dr. Huda Zoghbi, an internationally known investigator who has helped to illustrate the importance of accumulation of abnormal proteins as a cause of many aging-related neurological conditions, will present at the William H. Adler, III, MD Inaugural Lecture on Science and Aging. Dr. Zoghbi is a pediatrician who has spent her career doing basic medical science highly relevant to the aging population. We are thrilled to welcome Dr. Zoghbi as the lecture’s inaugural speaker. Please join us!



Greater Maryland Chapter

*in partnership with*



Alzheimer's Disease Research Center

**Alzheimer’s & Dementia  
 Quarterly Research Corner**

**Thursday, April 4, 2024**

**12:30 to 1pm**

**Virtual Presentation**

# Emerging Biomarkers & Early Detection

## Speaker:

### Esther Oh, MD, PhD

Co-Director, Johns Hopkins Memory and Alzheimer's Treatment Center  
Associate Professor of Medicine with the Division of Geriatric Medicine & Gerontology, Psychiatry and Behavioral Sciences, and Pathology at the Johns Hopkins University School of Medicine



The Johns Hopkins Alzheimer's Disease Research Center & the Alzheimer's Association Greater Maryland Chapter invite you to attend a free, virtual half-hour presentation with Dr. Esther Oh on "Emerging Biomarkers & Early Detection" to be held on Thurs., April 4th starting at 12:30pm.



### Free event. Registration Required.

To register:

- Use the QR code
- Call 800-272-3900
- Visit: [Community Resource Finder](#)

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## The Relationship Between MEDICAID HCBS and MEDICARE Home-Based Services Weds., April 10th from 12-1:15pm

# Hampton House 250

**Speaker: Tamara Konetzka, PhD**

Louis Block Professor of Public Health Sciences in the Department of Public Health Sciences, with a secondary appointment in the Department of Medicine, Section of Geriatrics and Palliative Medicine, University of Chicago.



In-person attendance encouraged.  
For more details or a Zoom link, email [Danielle Peereboom](mailto:danielle.peereboom@chicgo.edu).



**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

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## COAH Scientific Seminars & Meetings

- **17th Annual Research on Aging Showcase:**
  - **4/5, 12:15pm - 1:20pm**  
Keynote Speaker: Claudia Kawas, MD  
“Dementia and Resilience in the Oldest Old: The 90+ Study”  
Sheldon Hall W1214  
Poster Session follows at the Turner Concourse;  
[Register separately for the Keynote Address & the Poster Session](#)
- **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  
Powe Room 1-500Q, or via Zoom
- **Epi & Biostats of Aging Research-in-Progress:**
  - **3/25/24, 3:30 - 4:30pm**  
Kate Gordon, PhD Student in Mental Health  
“Living alone with or at risk of dementia.”  
SPH Room E6519
  - **4/8/24, 3:30 - 4:30pm**  
Charlotte Clapham, PhD Student in Biostatistics  
“Exploration on minimal design: identifying curves with little information.”  
SPH Room E6519
- **Epi of Aging Journal Club:**

- **4/5/2024, 10 - 11am**  
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.

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## Division of Geriatric Medicine & Gerontology

- **Grand Rounds**
  - Every **Thursday 4:00pm - 5:00pm** Norman Library  
Asthma & Allergy Center, Room 2B.65
    - 3/28, Dr. Huda Zoghbi (Adler Lecture on Science and Aging)
    - 4/4, Dr. Jamie Smith
    - 4/11, Dr. Nicholas Schmedding

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

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## 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: 4/4

- **Family and Social Resources**

4th Tuesday of each month, 8:30 – 9:30am – Zoom

Next meeting: 3/26

- **Frailty and Multisystem Dysregulation**

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

Next meeting: 3/27

- **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: 3/27

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

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# Publications

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## Fresh from COAH Faculty and Fellows

- **Boyd CM, Steinman MA.** [The U.S. deprescribing research network: Catalyzing research and action to optimize medication use in older adults.](#) J Am Geriatr Soc. 2024 Mar 8. doi: 10.1111/jgs.18856. Online ahead of print.
- **Chen Y, Li Y, Liu Y, Kim B, Ruck JM, Clark-Cutaia MN, Mathur A, Purnell TS, Thorpe RJ Jr, Crews DC, Szanton SL, Segev DL, McAdams-DeMarco M.** [Residential Racial and Ethnic Segregation and Post-Kidney Transplant Dementia, Allograft Loss, and Mortality.](#) Am J Kidney Dis. 2024 Mar 4:S0272-6386(24)00627-9. doi: 10.1053/j.ajkd.2024.01.518. Online ahead of print.

- Green AR, Quiles R, Daddato AE, Merrey J, Weffald L, Gleason K, **Xue QL**, Swarthout M, Feeser S, **Boyd CM**, **Wolff JL**, **Blinka MD**, Libby AM, Boxer RS. Pharmacist-led telehealth deprescribing for people living with dementia and polypharmacy in primary care: A pilot study. J Am Geriatr Soc. 2024 Mar 15. doi: 10.1111/jgs.18867. Online ahead of print.
- Huang AR, **Cudjoe TKM**, **Rebok GW**, **Swenor BK**, **Deal JA**. Hearing and vision impairment and social isolation over 8 years in community-dwelling older adults. BMC Public Health. 2024 Mar 13;24(1):779. doi: 10.1186/s12889-024-17730-8.
- Kitzman DW, Halter JB, **Bandeem-Roche K**. The Pepper Older Americans Independence Centers: An NIA-sponsored program for improving physical function among older persons. J Am Geriatr Soc. 2024 Mar 12. doi: 10.1111/jgs.18866. 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 Mar 12. doi: 10.1097/MLR.0000000000001993. Online ahead of print.
- Sur S, Lin Z, Li Y, **Yasar S**, Rosenberg PB, Moghekar A, Hou X, Jiang D, **Kalyani RR**, Hazel K, Pottanat G, Xu C, Pillai JJ, Liu P, **Albert M**, Lu H. CO2 cerebrovascular reactivity measured with CBF-MRI in older individuals: Association with cognition, physical function, amyloid, and tau proteins. J Cereb Blood Flow Metab. 2024 Mar 15:271678X241240582. doi: 10.1177/0271678X241240582. Online ahead of print.
- Wu C, Xu Y, Tang J, Liu H, **Xue QL**. Joint Association of Physical Frailty and Self-Rated Health With Mortality Among Community-Dwelling Older Adults. J Gerontol A Biol Sci Med Sci. 2024 Apr 1;79(4):glad286. doi: 10.1093/gerona/glad286.

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# Funding Opportunities

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JOHNS HOPKINS UNIVERSITY

 **OLDER AMERICANS** 

**INDEPENDENCE CENTER**

**Request for Letters of Intent (LOI)**  
**JHU OAIC Awards, Grant Year 2024-2025**  
**LOI Due Date: Friday, April 12, 2024**

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:

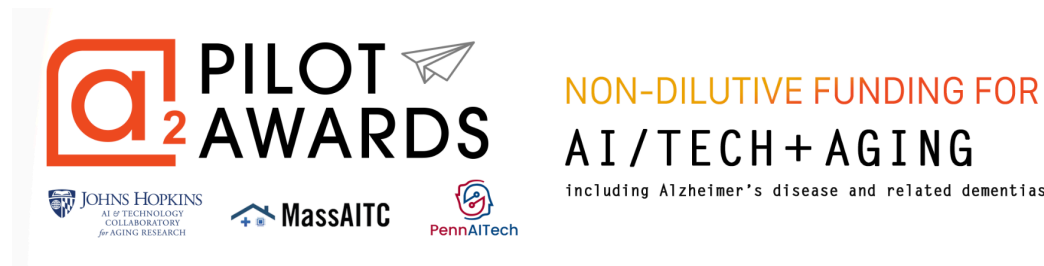
- The LOI should be targeted to one of the awards described above, be up to 2 pages in length, and include the following components:
  - Overview and study aims
  - Statement of significance to the field of frailty research

- 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](#).



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.

**Applications for the fourth annual a2 Pilot Awards are due by April 30, 2024.**

**There will be a Q&A webinar on March 25th at 12pm ET.**

[Register for the 3/25 Q&A webinar](#)

[General a2 Pilot Award Information](#)



# RESEARCH CENTERS COLLABORATIVE NETWORK

of the National Institute on Aging, NIH

The Research Centers Collaborative Network (RCCN) of the National Institute on Aging, offers grant award opportunities throughout the year, as well as supports inter-NIA collaborative, cross-center pilot awards.

[Learn more about RCCN Grant Awards](#)

[Learn more about RCCN cross-center Pilot Awards](#)

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**Want us to consider something for The COAH Chronicle?**

[Submit News](#)

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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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