



JOHNS HOPKINS
CENTER *on* AGING & HEALTH

The COAH Chronicle

Volume I, Issue 7 (February 9, 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.

Want us to consider something for The COAH Chronicle?

[Submit News](#)

Center Highlight

Save-the-date!

The 17th Annual JHSPH Research on Aging Showcase Fri., April 5, 2024



Keynote Speaker:

Dr. Claudia Kawas
Al and Trish Nichols Chair
in Clinical Neuroscience
Professor of Neurobiology &
Behavior and Neurology
University of California, Irvine

- **Keynote Address:** 12:15 p.m. to 1:20 p.m. in Sheldon Hall (W1214)
- **Poster Session:** at the Turner Concourse following the keynote address
- **Abstract Submission Deadline:** Fri., March 15, 2024

[More Information](#)

News & Announcements

**Congratulations to
COAH Core Faculty
Dr. Rita Kalyani
for starting her term
as President-elect of
Medicine & Science
for the American
Diabetes Association!**



**Healthy Longevity
Global Competition
2024 Application
Cycle is Now Open!**

Please consider applying! This is a unique opportunity that only requires a 2-page narrative submission. Open to individuals and

teams, the National Academy of Medicine's Catalyst Awardees will each earn a \$50,000 cash prize, unlock exclusive access to future funding opportunities, and become part of a global interdisciplinary network. The application period opened January 29, 2024, and it will close on March 11, 2024 at 11:59 pm EST.

[Learn More](#)

Happenings

US Deprescribing Research Network 2024 Annual Meeting

May 15th · Boston, Massachusetts

- This highly interactive meeting welcomes all interested in research to enhance deprescribing and medication use in older adults.
- Great opportunities for learning from leaders in the field and for networking and idea-sharing among attendees.
- Held in conjunction with Society of General Internal Medicine's Annual Meeting.
- Scan the QR code to learn more!



USDeN 2024 Annual Meeting

Register Now!

The US Deprescribing Research Network will hold their 2024 Annual Network Meeting will be 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.

Registration is now open!

Click [here](#) to find more details and to register for the event.

Are you a student, resident, or fellow?

Visit [USDeN's annual meeting webpage](#) to find out how to waive your meeting registration fee.

Submit an Abstract!

USDeN strongly encourages and invites you to present at the USDeN annual meeting poster session; this may be a repeat or encore poster from SGIM or AGS or another meeting. Posters should be related to your research on deprescribing or a related topic. Posters about ongoing research projects are welcome; these should include a description of the study and the analysis plan. Click [here](#) to submit an abstract.



OAIC National Coordinating Center
Claude D Pepper Older Americans Independence Centers



Wake Forest University
School of Medicine

Registration is Open for the
2024 William R. Hazzard, MD
Translational Research in Aging Symposium
“Closing Loops: Integrating Brain & Body”
Feb. 28, 2024

8:30 am - 3:30 pm
In-Person at Wake Forest University
Or Virtually

Featured speakers:

- Caterina Rosano, MD, MPH (University of Pittsburgh): Neural and energetic drivers of mobility resilience in older age
- Lisa Zukowski, PhD (High Point University): Beta amyloid deposition impacts gait and visuospatial attention during performance of complex everyday tasks in older adults
- Aron S. Buchman, MD (Rush University Medical Center): Loops or whoops: are our models of cognitive and motor decline sufficient?
- Jill K. Morris, PhD (University of Kansas): Feel the burn: effects of acute exercise on brain metabolism
- Kirk Erickson, PhD (AdventHealth): Exercise and brain health in late adulthood

[Register](#)

Upcoming Talks & Meetings

COAH Scientific Seminars & Meetings

- **17th Annual Research on Aging Showcase:**
 - 4/5, 12:15pm - 1:20pm
 - Keynote Speaker: Claudia Kawas, MD
 - Sheldon Hall W1214
 - Poster session follows at the Turner Concourse; abstracts due by 3/15

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

- 5/6, 3:30pm - 5pm
Stephen Kritchevsky, PhD, Professor, Gerontology and Geriatric Medicine,
Wake Forest University School of Medicine
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

- **EBA Presentations:**

- 2/12/24, 3:30 - 4:30pm
Katie Kurgansky, PhD Student in Epidemiology
“Effects of the dynamic therapeutic landscape among people aging with
cystic fibrosis: Updates on proposed research and registry data.”
SPH Room E6519
- 2/26/24, 3:30 - 4:30pm
Elizabeth Linton, PhD Candidate in Epidemiology
“‘You’ve made it to a big number!’: Chronic illness narratives characterizing
aging among adults living with sickle cell disease.”
SPH Room E6519

- **Epi of Aging Journal Club:**

- 2/12, 12:15pm - 1:15pm
PhD student Sunan Gao will be presenting
“Unraveling the metabolic underpinnings of frailty using multicohort
observational and Mendelian randomization analyses.” (Mak JKL, et al.
Aging Cell. Apr 2023.)
COAH Large Conference 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
 - 2/15, **Dr. Amal Wanigatunga**
 - 2/22, Dr. Mariana Socal

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
- **Cognitive and Sensory Functions**
3rd Monday of each month
11:00am – 12:00pm
- **ENGAGE (Energy, Activity and Aging) Research Group**
Every other Thursday – Hybrid
12:15pm – 1:15pm
- **Family and Social Resources**
4th Tuesday of each month via Zoom
8:30am – 9:30am

- **Frailty and Multisystem Dysregulation**

2nd & 4th Wednesdays of each month - Zoom

9:00am – 10:00am

- **International Approaches to Aging**

3rd Wednesday of each month – Hybrid

11:00am – 12:00pm

- **Medicare Claims and EHR Analyses**

4th Wednesday of each month – Hybrid

3:00pm – 4:00pm

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

Publications

Fresh from COAH Faculty and Fellows

- Callow DD, **Zipunnikov V**, **Spira AP**, **Wanigatunga SK**, Pettigrew C, **Albert M**, Soldan A; BIOCARD Research Team. *Actigraphy Estimated Sleep Moderates the Relationship between Physical Activity and Cognition in Older Adults*. Ment Health Phys Act. 2024 Mar;26:100573. doi: 10.1016/j.mhpa.2023.100573. Epub 2023 Dec 23.
- 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 Feb 4:glae039. doi: 10.1093/gerona/glae039. Online ahead of print.
- Chiu V, Urbanek JK, **Wanigatunga AA**, Allison MA, Ballew SH, Mossavar-Rahmani Y, Sotres-Alvarez D, Gallo LC, Xue X, Talavera GA, Evenson KR, Kaplan RC, Matsushita K, **Schrack JA**. *The Association Between Ankle-Brachial*

Index and Daily Patterns of Physical Activity: Results From the Hispanic Community Health Study/Study of Latinos. J Gerontol A Biol Sci Med Sci. 2024 Feb 1;79(2):glad200. doi: 10.1093/gerona/glad200.

- 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, Sanchez V, **Schrack JA**, Coresh J, **Lin FR**; ACHIEVE Collaborative Research Group. *Loneliness and Social Network Characteristics Among Older Adults With Hearing Loss in the ACHIEVE Study.* J Gerontol A Biol Sci Med Sci. 2024 Feb 1;79(2):glad196. doi: 10.1093/gerona/glad196.
- Jiang K, **Spira AP**, Gottesman RF, Full KM, **Lin FR**, Lutsey PL, Garcia Morales EE, Punjabi NM, Reed NS, Sharrett AR, **Deal JA**. *Associations of sleep characteristics in late midlife with late-life hearing loss in the Atherosclerosis Risk in Communities-Sleep Heart Health Study (ARIC-SHHS).* Sleep Health. 2023 Oct;9(5):742-750. doi: 10.1016/j.sleh.2023.06.011. Epub 2023 Aug 5.
- Laskow T, Langdon J, Sepeshri S, Davalos-Bichara M, **Varadhan R, Walston J**. *Soluble TNFR1 has greater reproducibility than IL-6 for the assessment of chronic inflammation in older adults: the case for a new inflammatory marker in aging.* Geroscience. 2024 Apr;46(2):2521-2530. doi: 10.1007/s11357-023-01006-x. Epub 2023 Nov 23.
- **Nothelle S**, Nkodo A, Fiddler K, Litman J, Sleppy R, Brancati F, **Boyd CM, Wolff JL**. *Care manager, older adult, and caregiver perspectives on co-occurring care management among high-need older adults.* J Am Geriatr Soc. 2023 Nov;71(11):3424-3434. doi: 10.1111/jgs.18531. Epub 2023 Aug 4.
- Ruck JM, Chu NM, Liu Y, Li Y, Chen Y, Mathur A, **Carlson MC, Crews DC**, Chodosh J, Segev DL, McAdams-DeMarco M. *Association of Postoperative Delirium With Incident Dementia and Graft Outcomes Among Kidney Transplant Recipients.* Transplantation. 2024 Feb 1;108(2):530-538. doi: 10.1097/TP.0000000000004779. Epub 2023 Aug 29.

Funding Opportunities



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

**Cochlear Center for
Hearing and Public Health**

Johns Hopkins Cochlear Center Hearing and Aging Mentoring Program (Summer CHAMP)

Summer CHAMP is intensive multidisciplinary 1-week in-person program will be held from Saturday, June 22 to Friday, June 28, 2024 at Johns Hopkins University, Baltimore, MD, USA. This intensive program is designed for audiology, public health, allied health, and medical graduate students currently enrolled in an AuD, MD, or public-health related PhD program who are interested in building a foundation in age-related hearing loss and public health research. The program concludes with a final research project.

Applications are due by February 15, 2024, 11:59pm ET.

The Summer CHAMP application can be found [here](#).

Please email epitts4@jhmi.edu with any questions.



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

**Roger C. Lipitz Center for
Integrated Health Care**

Applications are open for the

T32 Training Program in Health Service & Outcomes Research for Aging Populations!

"It is clear that everyone who is a part of the T32 genuinely supports each other and is willing to offer help and advice.
This was the perfect year"

From the T32 Training Program trainee feedback survey

The Health Services and Outcomes Research for Aging Populations T32 Training Program at Johns Hopkins University seeks to produce the next generation of scientists with rigorous training in person and family-centered health services and outcomes research with a focus on older adults. A call for post-doctoral fellows to begin before August 1, 2024 is available [here](#).



JOHNS HOPKINS
UNIVERSITY

RESEARCH

Catalyst & Discovery Awards

The [Johns Hopkins University Catalyst Awards](#) are for early-career faculty across the university who are undertaking exceptional research or creative endeavors. The awards of up to \$75,000 will help these individuals launch their promising careers during the crucial years when startup funds are depleted and external funding or other support may be elusive. They are available to faculty members appointed to a full-time tenure-track or tenure-track equivalent faculty position within no less than three years and no more than 10 years of July 1, 2024.

The [Johns Hopkins University Discovery Awards](#) focus on cross-university, faculty-led research and discovery. We aim for these awards of up to \$100,000 to spark new interactions among faculty from across the university. Faculty teams use these funds to get started while they seek an externally funded large-scale grant or cooperative agreement.

The application deadline for both programs is midnight on Thursday, Feb. 15.

[Learn more](#)



**NON-DILUTIVE FUNDING FOR
AI/TECH+AGING**

including Alzheimer's disease and related dementias



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 will be accepted from March 1 to April 30, 2024.

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

[Learn more](#)

Follow us on X (Twitter): [@jhu_coah](https://twitter.com/jhu_coah)

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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