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Please consider making a financial gift to COAH. Gifts are instrumental for advancing new discoveries and for supporting new and innovative programs. Gifts can also provide more flexibility to researchers and supplement more traditional sources of funding, such as federal research grants.

If you would like to make a financial contribution to support the promising work of our Center, please visit our website and select the "SUPPORT COAH" link on the right side of our homepage, or contact:

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CENTER ON AGING AND HEALTH

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JOHNS HOPKINS
CENTER on AGING & HEALTH



The Johns Hopkins Center on Aging and Health (COAH) is an interdisciplinary research center sponsored by the Schools of Medicine, Nursing, and Public Health.

COAH was established as a Center of Excellence in 1998. It is dedicated to research and training programs that will prevent disease and disability and improve the health and well-being of older adults.

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The Center on Aging and Health

COAH provides a focal point for interdisciplinary research and training at Johns Hopkins University. We aim to facilitate cutting-edge, multidisciplinary science for optimizing the health and well-being of older adults.



Research

Our research involves population-based and clinical studies of the causes, correlates, and consequences of aging-related conditions.

COAH houses four distinct research working groups:

- Frailty and Multisystem Dysregulation
- Family and Social Resources
- Cognitive and Sensory Functions
- Biostatistics, Design and Analysis

Frailty and Multisystem Dysregulation

An integral part of our research mission is to identify the causes of and treatments for frailty, an age-related condition characterized by reduced strength, energy, and activity.

The **Johns Hopkins Older Americans Independence Center (OAIC)** supports a broad range of population-based, biological, and clinical studies on frailty etiology, management, and prevention. The OAIC provides important resources for pilot studies and for career development of emerging scholars.

Family and Social Resources

Most older adults rely on family members, neighbors, or friends to help them manage their health problems and maximize function.

A unifying theme of the **Johns Hopkins Roybal Center for Translational Research** is an emphasis on better understanding and strengthening the family and social support resources of vulnerable older adults, particularly those with physical or cognitive impairments.

The Roybal Center funds pilot studies that address family and social support resources such as caregiving across a diverse set of clinical conditions including dementia, stroke, end stage renal disease, and multiple chronic conditions.

Cognitive and Sensory Functions

Researchers and clinicians at COAH identify and modify risk factors of **cognitive decline** and explore the impact that community-based interventions have on preserving older adults' cognitive functions and brain plasticity.

Research on **sensory functions** includes groundbreaking studies on vision problems and hearing loss, a problem that is untreated in a large majority of affected older adults

Biostatistics, Design and Analysis

COAH provides cutting-edge **statistical and research design expertise** in collaboration with other investigators in aging research.

Our biostatisticians and methodological experts are internationally known for their accomplishments in developing new methods for testing complex hypotheses and models.

The recent establishment of a 'cold room' for Medicare claims analyses and other sensitive health data has expanded the Center's analytic capabilities and infrastructure.



Training

Our mission is to prepare future scientists and healthcare providers to be leaders in the collaborative multidisciplinary research efforts. COAH provides a rich training ground for the next generation of researchers and scholars on aging.

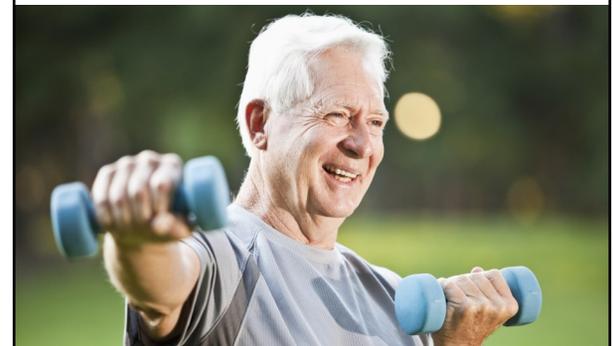
Epidemiology and Biostatistics of Aging (EBA) Training Program

Pre- and postdoctoral training is provided in the methodology of aging research through our EBA training program.

Graduate Training in Aging

COAH also supports the following training programs at Johns Hopkins University:

- Certificate in Gerontology
- MPH Concentration in Aging
- Aging & Dementia Training Program



Learn more:
coah.jhu.edu