Promoting the health and well-being of older adults

Contact Information:

Phone: 410-955-0491
Website: http://coah.jhu.edu
Email: coah@jhu.edu
History: founded in 1998 as an interdisciplinary Center of excellence to promote and support research and training in aging.

Faculty: 36 faculty from Johns Hopkins, coming from 17 different Divisions or Departments across the Schools of Medicine (18), Public Health (14), and Nursing (4).

Research: Center faculty are leaders or collaborative partners on extramural grants that bring in over $15,000,000 each year in funding for aging-related research projects.

Training: Epidemiology and Biostatistics of Aging (EBA) program; Gerontology Certificate program

More information: Visit us on the web: http://coah.jhu.edu/
                  Email: coah@jhu.edu
COAH is Celebrating its 20th Anniversary!

When:          October 2, 2017, 3:00 PM - 5:00 PM
Where:         Welch Medical Library
Keynote Speaker: Linda P. Fried, MD, MPH
                Founding Director of the Center on Aging & Health

Our 20th anniversary is a milestone event and we will celebrate our success and refine our vision for the future.

RSVP below to join us in celebration of our milestone
Center Partnerships in Aging Research
Johns Hopkins University

Center on Aging & Health

Roybal Center for Translational Research
Older Americans Independence (Pepper) Center
Center for Innovative Care in Aging
Center for Transformative Geriatric Research
Alzheimer’s Disease Research Center
Lipitz Center for Integrated Health Care
Healthy Aging

- Cognitive Vitality & Avoiding Dementia
- Maintaining Physical Mobility & Activity
- Keeping Socially Engaged & Productive
- Health Resource Utilization/Mortality
Age Brings Variability in Functioning

Measures of Function

GREEN
RED
RED
GREEN
BLUE
BLUE
GREEN
My lab is the intersection of DMH and COAH, and is asking whether navigating unpredictable, complex social environments provides health benefits using multiple methods.

www.carlsonlab.org
Dataset Resources

- Women’s Health and Aging Studies (WHAS) – KBR, QLX
- Cardiovascular Health Study (CHS) – MC
- Salisbury Eye Evaluation studies – Dr. Sheila West
- Health, Aging and Body Composition Study (HealthABC) – Dr. Eleanor Simonsick
- Baltimore Experience Corps Trial– MC, GR
- Brain Health Study-- MC
- WHAS II Cognitive Pathways Study – MC
- Ginkgo Evaluation of Memory (GEMS) – MC
- Baltimore Memory Study – KBR
- Alzheimer’s Disease Research Center (ADRC) Data – Dr. Marilyn Albert, KBR
- Advanced Cognitive Training for Independent and Vital Elderly (ACTIVE) Study – GR
- New Trial-- ACHIEVE Hearing trial
Active Working Groups

1. Frailty and Multisystem Dysregulation
2. Cognitive and Sensory Functions
3. Family and Social Resources
4. Falls and Physical Functioning
5. Administrative Claims (e.g., Medicare) Analyses
6. Biostatistics and Research Design
Epidemiology, Biostatistics & Mental Health of Aging Training Program

Disciplinary emphases in epidemiology and biostatistics

Aging emphases in mental & physical health

Program leadership represents Biostatistics, Epidemiology, Medicine/Geriatrics, and Mental Health Departments
Education - Focus areas

• **Data Intensive Measurement and Analysis in Aging:**
  – Molecular, epidemiological and statistical genetics of aging
  – Neuroimaging
  – Wearable computing / real time monitoring

• **Epidemiology of chronic disease, disability and frailty in older adults**
  – Epidemiology and course of late-life disability and frailty
  – Epidemiology of chronic diseases common in late life
  – Physiology and frailty, disability and health

• **Statistical and translational methods for gerontology:**
  – Measurement and analysis of complex gerontological outcomes
  – Analysis of longitudinal and survival data
  – Causal inference
  – Clinical trials for older adults
  – Comparative effectiveness research
  – Community-based participatory research

• **Cognitive, psychological, and social epidemiology of late life:**
  – Cognition
  – Epidemiology of psychopathology in aging
  – Social epidemiology