

Research Training in Age-Related Cognitive Disorders



POSTDOCTORAL CANDIDATES

APPLICATIONS ARE ACCEPTED, AND DECISIONS ABOUT CANDIDATES ARE MADE, ON A ROLLING BASIS STARTING IN THE FALL OF A GIVEN YEAR. WE RECOMMEND THAT YOU APPLY EARLY—BEFORE LATE WINTER OF THE FOLLOWING YEAR.

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Overview

- ▶ Focus on aging and age-related cognitive disorders
 - ▶ Cognitive changes related to age
 - ▶ Age-related neurodegenerative disorders (e.g., AD, PD, FTD)
- ▶ Four potential pathways:
 - ▶ Clinical studies
 - ▶ Population studies
 - ▶ Imaging studies
 - ▶ Animal studies



- ▶ Funded since 2006 by NIA – Year 14
- ▶ Funded positions
 - ▶ 3 predoctoral and 3 postdoctoral trainees
 - ▶ Postdocs include MDs and PhDs
 - ▶ Length of appointment: typically 2-3 yrs.
- ▶ Didactic program
 - ▶ Monthly seminar (research-in-progress and career related topics)
 - ▶ Year long course (330.802.01) (given every other year)



- ▶ Examples of Topics of Trainees:
 - ▶ Cognitive training aimed at reducing cognitive decline
 - ▶ Analytic approaches to cognitive aging and resilience
 - ▶ Alteration in sleep and circadian rhythms in cognitive disorders
 - ▶ Inflammatory processes in cognitive disorders
 - ▶ MRI structural and functional connectivity changes in cognitive disorders
 - ▶ Age-related memory changes in rodents



- ▶ Departments of Mentors:

- ▶ JHSOM

- ▶ Neurology
 - ▶ Psychiatry
 - ▶ Neuropathology
 - ▶ Neuroscience
 - ▶ Geriatrics

- ▶ JHBSPH

- ▶ Mental Health
 - ▶ Biostatistics
 - ▶ Epidemiology

- ▶ JH School of Arts and Sciences

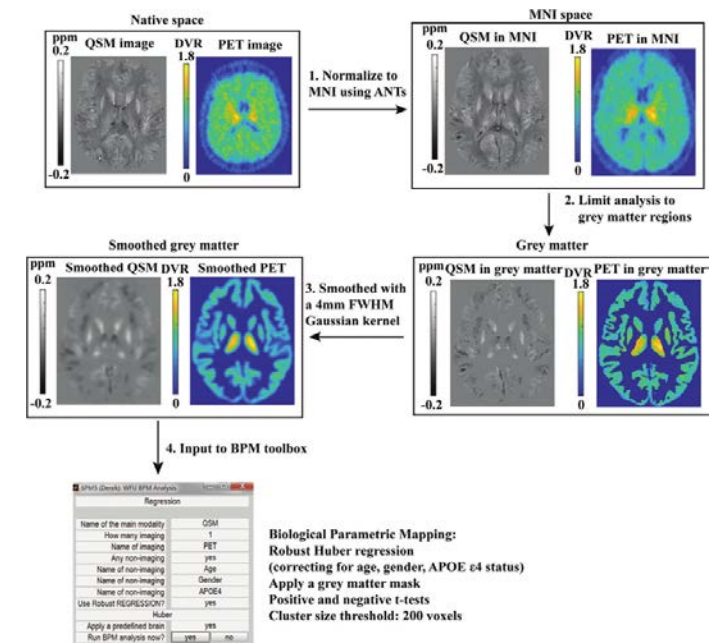
- ▶ Psychological & Brain Sciences

- ▶ JHSON

- ▶ Center for Innovative Care in Aging



- ▶ Examples of Current Positions of Past Trainees:
 - ▶ JHSOM – 4 Asst. & 1 Assoc. Prof. (Psychiatry & Neurology)
 - ▶ Duke University – Assoc. Prof. (Neurology)
 - ▶ Univ. Wisconsin – Assoc. Prof. (Geriatrics)
 - ▶ Univ. Iowa – Asst. Prof. (Psychiatry)
 - ▶ George Washington Univ. – Assoc. Prof. (Epidemiology)
 - ▶ Hampton University – Asst. Prof.
 - ▶ CDC - EIS Officer
 - ▶ Biogen - Director of Value Based Medicine Group
 - ▶ NIA – Staff Scientist
 - ▶ Stanford Univ. – Postdoc
 - ▶ JHSON – Asst. Prof.



Thank you



FOR MORE INFORMATION, PLEASE CONTACT:

MARILYN ALBERT, PHD
MALBERT9@JHMI.EDU

