Table 7. Program Faculty Mentors for REC Scholars		
Faculty	**Rank/Department**	**Research Interests**
Beau Ances, MD, PhD	Daniel J. Brennan, MD, Professor of Neurology	Imaging in HIV Associated Neurocognitive Disorders (HAND) and in AD. Uses blood oxygen level–dependent functional magnetic resonance imaging (BOLD fMRI) to study AD pathology
Ganesh Babulal, PhD	Assistant Professor, Neurology	Relationship between cognitive function and mental health. Characterizing functional changes in older adults using AD biomarkers.
Joyce (Joy) Balls-Berry, PhD	Associate Professor, Neurology	Increasing awareness of the importance of community-patient engagement in research to increase health equity in minority and under-resourced communities.
David Balota, PhD	Professor of Psychological and Brain Sciences and Neurology	Cognitive changes in older adults using psychological testing and imaging (fMRI).
Randall J. Bateman, MD	Charles F. and Joanne Knight Distinguished Professor of Neurology	Metabolism of amyloid beta, clinical research, Dominantly Inherited Alzheimer Network (DIAN) Observational Study and Treatment Unit
Tammie Benzinger, MD, PhD	Professor of Radiology	Neuroimaging in dementia, Director of Knight ADRC imaging, develops new PET ligands as markers of neurodegenerative disorders
John Cirrito, PhD	Associate Professor of Neurology	In vivo microdialysis and micro-immunoelectrode methods that allow real-time detection of amyloid beta peptide and tau in living animals
Carlos Cruchaga, PhD	Professor of Psychiatry	Leader of Core H, Genetics and High Throughput–Omics, next generation sequencing and genome-wide screens correlated with imaging and fluid biomarkers in ADRD
Anne Fagan, PhD	Professor of Neurology	Fluid biomarkers and correlation with imaging and cognitive data; leads Knight ADRC and other biomarker cores
Matthew Gabel, PhD	Professor, Department of Political Science	Disclosure of AD diagnosis and biomarker and imaging results
Hassenstab, Jason, PhD	Assistant Professor of Neurology	Computerized cognitive measures and Ecological Momentary Analysis of cognition in normal aging and mild dementias
Denise Head, PhD	Associate Professor of Psychological & Brain Sciences, Radiology, African and African American Studies	Aging-related brain changes, especially effects on cognition and personality and role of exercise and cognitive training
David Holtzman, MD,	Andrew B. and Gretchen P. Jones Professor, Chair of Department of Neurology at Washington University	Metabolism of amyloid β, apoE, tau, and role of sleep and synaptic activity; uses microdialysis, biochemistry, development of new therapeutics, and fluid biomarkers; Associate Director of the Knight ADRC
Celeste Karch, PhD	Associate Professor of Neurology	Molecular drivers of AD, frontotemporal dementia and other neurodegenerative diseases using functional genomics alongside stem cell and mouse models.
Jin-Moo Lee, MD, PhD	Professor of Neurology, Radiology & Biomedical Engineering	Cellular processing of APP in AD; neuroplasticity after stroke; genetics of early outcomes after stroke; pathophysiology of small vessel disease
Dan Marcus, PhD	Associate Professor of Radiology	Electronic Radiology Laboratory (ERL) and the Neuroinformatics Research Group (NRG) director
Eric McDade, DO	Associate Professor of Neurology	Dominantly Inherited Alzheimer Network,
Timothy Miller, MD, PhD	Clayson Professor of Neurology	Use of novel treatments, including antisense oligonucleotides for ADRD and amyotrophic lateral sclerosis (ALS) in cell culture, animal models, and clinical trials
John C. Morris, MD	Harvey A. and Dorismae Friedman Distinguished Professor of Neurology	Knight ADRC director; longitudinal studies of imaging, fluid, and cognitive biomarkers in healthy aging and ADRD; interests in preclinical AD and racial differences
Nancy Morrow-Howell, MSW, PhD	Bettie Bofinger Brown Distinguished Professor of Social Policy	Social engagement in older adults and its effects on aging, using large datasets and informatics approaches; Director of Center for Aging

Erik Musiek, MD, PhD	Assistant Professor of Neurology	Cellular stress responses, oxidative stress, and circadian rhythms in aging and ADRD in cell culture and animal models
Joel S. Perlmutter, MD	Elliot Stein Family Professor of Neurology	Neuroimaging, physiology of movement disorders, mechanisms of deep brain stimulation
Marcus Raichle, MD, PhD	Edith L. Wolff Distinguished Professor of Medicine	Functional brain imaging and other advanced modalities to assess brain networks, structure, and function
Catherine Roe, PhD	Associate Professor of Neurology	Cognitive, functional (e.g., driving), fluid, and imaging measures and transition from preclinical to symptomatic AD; cognitive reserve
B. Joy Snider, MD, PhD	Professor of Neurology	Clinical therapeutics and biomarkers
Susy Stark, PhD	Associate Professor of Occupational Therapy & Neurology	Aging in place for community-dwelling, medically underserved older adults; fall prevention; retention of older adults in longitudinal studies of AD
Chengjie Xiong, PhD	Professor of Biostatistics	Leads Core C, Data Management and Statistical Core. Novel statistical approaches for ADRD research and clinical trials