

# — 2022 NIH Awards to CCAD Alumni —

## 2013 Alumni

- Adam Brickman** (*RF1 AG058067*) Tau PET imaging in racially/ethnically diverse middle-aged adults
- Joseph Goveas** (*5R01MH122490-03*) Emotion Regulation in Complicated Grief
- Jungsu Kim** (*5R01AG071281*) The Role of AB13 in Alzheimer's disease
- Salvatore Oddo** (*RF1 AG063409*) Identifying the role of RIPK1 in Alzheimer's disease  
(*RF1 AG063454*) mTor at the crossroad between aging and Alzheimer's disease

## 2014 Alumni

- Charbel Moussa** (*5R01AG062463*) A randomized, double blind, placebo-controlled study to evaluate the impact of Nilotinib treatment on safety, tolerability, pharmacokinetics and biomarkers in Dementia with Lewy Bodies (DLB)
- Erik Musiek** (*2R01AG054517*) Role of glial circadian clock dysfunction in the pathogenesis of Alzheimer's Disease  
(*5R01AG063743-03*) Role of REV-ERB Proteins in Neuroinflammation of Alzheimer's Disease
- Grace Lee** (*5K23AG066933-03*) Metformin to improve immunological health and vaccine responses  
(*5R21AI156143-02*) Neutrophil Activation Phenotypes in Healthy Subjects and Implications for Bacterial Clearance
- John Fryer** (*RF1 AG062077*) Novel genetic modifiers of C9orf72 and Tau toxicity  
(*RF1 AG062110*) Microglial apoE in neuroinflammation and Alzheimer's disease
- Judy Pa** (*7R01AG065356-03*) Targeted Physical and Cognitive Activity in a VR Environment in Older Adults at Risk for Alzheimer's Disease
- Melissa Murray** (*1R01AG075802-01*) Investigating regional and cellular vulnerabilities to tau pathology in young-onset Alzheimer's disease

**Nicholas Fitz** *(5R01AG075069-02)* Neurodevelopmental and neurodegenerative effects of environmental determinants: altering neural cellular populations impacting homeostatic functions and inflammatory response

**Xinglong Wang** *(RF1 AG056320)* Mitochondrial TDP-43 in Alzheimer's Disease

*2015 Alumni*

**Ann Cohen** *(1R01AG072641-01A1)* Predictors of Altered CNS Structure, Function, and Connectomics in the Elderly using a Health Disparities Framework

**Celeste Karch** *(5R01AG062734-04)* Defining the Mechanisms by Which MS4A Genes Regulate TREM2 in Alzheimer Disease

**Joseph Castellano** *(3R01AG061382-03S1)* Mechanisms of TIMP2-mediated hippocampal revitalization in Alzheimer's disease

**Ozioma Okonkwo** *(5R01AG062167-04)* Longitudinal Investigation of Cardiorespiratory Fitness and AD Biomarkers in an At-Risk Cohort

**Syed Abid Hussaini** *(5R01AG064066-03)* Electrophysiological Evaluation of Brain Regions Vulnerable to Alzheimer's Disease

*2016 Alumni*

**Ai-Ling Lin** *(RF1 AG062480)* Probiotics Intervention to Reduce Alzheimer's Disease Risk via Brain-Gut Axis in an APOE4 Mouse Model

**Catrina Robinson** *(5R01NS099595-05)* Molecular Mechanisms Underlying Obesity-related Memory Deficits

**Chiro Sato** *(5K01AG062796-04)* Tau Kinetics in the human CNS in vivo and in vitro

**Elizabeth Mormino** *(1R01AG074339-01A1)* Hippocampal-dependent memory decline in aging and early Alzheimer's disease

**Erik Johnson** *(5K08AG068604-03)* Brain Proteomic Network Analysis to Elucidate Mechanisms and Biomarkers for Alzheimer's Disease

**Jose Abisambra** *(5R01AG074584-02)* The molecular intersection of tau, TBI, and PERK  
*(1R01AG075900-01)* Contributions of tau-mediated translational dysregulation to pathogenesis and progression of fronto-temporal dementia

**Natura Myeku** *(5R01AG064244-04)* The Role of Synaptic Proteolysis in Alzheimer's Disease and Therapeutic Implications

**Noll Campbell** *(5R01AG061452-04)* Reducing Risk of Dementia through De-prescribing (R2D2)

- Panagiotis Roussos**      *(3R01AG065582-03S1)* Understanding the protective and neuroinflammatory role of human brain immune cells in Alzheimer
- (3R01AG067025-03S2)* Understanding the molecular mechanisms that contribute to neuropsychiatric symptoms in Alzheimer Disease
- (5R01AG065582-03)* Understanding the protective and neuroinflammatory role of human brain immune cells in Alzheimer Disease
- (5R01MH125246-02)* Multiethnic genomic epigenomic and transcriptomic fine-mapping and functional validation analysis of schizophrenia and bipolar disorder risk loci
- (5U01MH116442-05)* The 3D genome in transcriptional regulation across the postnatal life span, with implications for schizophrenia and bipolar disorder

**Towfique Raj**      *(5R01NS116006-02)* The Role of Myeloid Cells in Parkinson's Disease

**2017 Alumni**

- Cristian Lasagna Reeves**      *(5R01AG059639-05)* CAA, Tau and Neurodegeneration
- Fabienne Poulain**      *(5R01NS109197-04)* Role of proteoglycan-mediated trans-axonal signaling in pre-target topographic sorting
- Geraldine Kress**      *(5R01AG063834-04)* Circadian Regulation of Memory During Alzheimer's Disease Pathogenesis
- Katherine Gifford**      *(5R01AG062826-03)* Subjective Cognitive Decline in Older Adults
- Mark Ebbert**      *(5R01AG068331-03)* Using long-range technologies as a multi-omic approach to understand Alzheimer's disease in brain tissue
- Susanne Van Veluw**      *(5R00AG059893-05)* Unraveling the mechanisms of microhemorrhages in cerebral amyloid angiopathy
- Zvinka Zlatar**      *(5R01AG066657-02)* Subjective Cognitive Decline and Objective Cognitive Trajectories in Older Hispanics/Latinos
- Syed Abid Hussaini**      *(5R01AG064066-03)* Electrophysiological Evaluation of Brain Regions Vulnerable to Alzheimer's Disease

**2018 Alumni**

**Greg Day**      *(5K23AG064029-040)* Rapidly Progressive Dementia: Moving Beyond CJD

- Julia TCW** (7K01AG062683-04) Deciphering isogenic APOE isoform dependent neurodegenerative response in human glia
- Kathryn Bowles** (5R01NR016014-04) I-TRANSFER Improving transitions and outcomes of sepsis survivors
- Kristine Wilckens** (5R01AG068001-02) Slow-wave sleep enhancement in those at risk for Alzheimer's disease: Links with memory, excitotoxicity, and plasma A-beta
- Leon Tai** (5R01AG061114-04) Deciphering molecular mechanisms that underlie brain endothelial cell dysfunction with APOE4
- (1R61NS124970-01) Identifying compounds that target APOE4 associated brain endothelial dysfunction
- Shane Liddelow** (1R01EY033353-01) Neurotoxicity of Reactive Astrocyte-secreted Lipids in Neurodegenerative Disease

**2019 Alumni**

- Bing Yao** (5R01AG062577-04) Epigenetic roles of DNA adenine methylation in Alzheimer's Disease
- Rachel Bennett** (1R01AG071567-01A1) Microvascular Stress as a Pathway to Neurodegeneration in Alzheimer's
- Sarah Hopp** (5K01AG066747-03) Dysregulated intracellular calcium in microglia during Alzheimer's disease
- Srikant Rangaraju** (5R01NS114130-03) Targeting Kv1.3 potassium channels for neuro-immunomodulation in Alzheimer's Disease
- (5R01AG075820-02) Neuron and microglia-specific proteomic signatures of ERK mediated mechanisms of Alzheimer's disease

**2020 Alumni**

- Gustavo Rodriguez** (3R01CA214606-05SI) Vitamin D and Progestins for the Chemoprevention of Fallopian Tube/Ovarian Cancer
- Kevin Beier** (3DP2AG067666-01S2) Sculpting the brain: High-resolution spatiotemporally-controlled modulation of memories
- Kuan-Lin Huang** (5P20GM109040-09) Integrative Approaches for Identifying Causal Gene-Cell Type Pairs of Complex Disease
- Lisa McTeague** (5P20GM109040) Neuromodulation of Cognitive Control Neurocircuits for Stroke Rehabilitation

**(5P50AA010761-27)** mPFC Theta Burst Stimulation as a Treatment Tool for Alcohol Use Disorder: Effects on Drinking and Incentive Salience

**Miranda Orr**

**(5R01AG068293-03)** High Resolution Profiling of Senescent Neurons and Their Microenvironments in Postmortem Human Brain Tissue Spanning Eight Decades of Life

**Peter Sudmant**

**(5R35GM142916-02)** The evolution and diversity of mutation, molecular fidelity, and genome structure

**2021 Alumni**

**Gustavo Rodriguez**

**(3R01CA214606-05SI)** Vitamin D and Progestins for the Chemoprevention of Fallopian Tube/Ovarian Cancer

**Jill Turner**

**(5R01DA044311-06)** Dynamic Signaling of NRG3-ErbB4 in the Hippocampus Mediates Nicotine Withdrawal Phenotypes

**(5R01DA053070-02)** Functional and Genomic Signatures of Escalated Fentanyl Use

**Ke Zhang**

**(1R21NS127331-01)** Glycogen promotes protein aggregation in ALS and FTD

**Miranda Good**

**(5R00HL143165-05)** Vascular Pannexin 1 in Ischemic Stroke

**Tara Tracy**

**(5K01AG057862-05)** Synaptic mechanisms of tau-mediated pathogenesis in human iPSC-derived neurons

*Note: This information was obtained by NIH reporter. If any of your grants are not listed here please contact us at [admin@newvisionresearch.org](mailto:admin@newvisionresearch.org)*