

## ALZHEIMER'S ASSOCIATION

### *Research Projects Sponsored by NARFE listed by year*

**89. Xu Hou, Ph.D. - 2022 Alzheimer's Association Research Fellowship**

Mayo Clinic in Florida  
Jacksonville, FL  
APOE4-linked Mitophagy Changes in Human Disease Brain and iPSC Models  
\$100,988 out of \$140,000 (partial sponsorship)

**88. Emily Hokett, Ph.D. - 2022 Alzheimer's Association Research Fellowship to Promote Diversity**

Columbia University  
New York, NY  
Sleep and Psychosocial Factors Linked to Cognition in Alzheimer's Disease  
\$175,000 over 3 years (fully sponsored)

**87. Jingjing Gao, Ph.D. - 2022 Alzheimer's Association Research Fellowship**

Brigham and Women's Hospital  
Boston, MA  
RNAi Gene Therapy Targeting Microglial CD33 for Alzheimer's Disease  
\$174,994 over 3 years (fully sponsored)

**86. Pinar Ayata, Ph.D. - 2022 Alzheimer's Association Research Grants**

The City University of New York  
New York, NY  
Cellular Events that Shape Microglial Identity in Alzheimer's Disease  
\$150,000 over 3 years (fully sponsored)

**85. Pablo Martinez Contreras, Ph.D. - 2021 Alzheimer's Association Research Fellowship to Promote Diversity**

Indiana University  
Bloomington, IN  
Role of Bassoon in Tau Pathophysiology and Propagation  
\$175,000 over 3 years (fully sponsored)

**84. Yi-Chen Hsieh, Ph.D. - 2021 Alzheimer's Association Research Fellowship**

Brigham and Women's Hospital  
Boston, MA  
The Ubiquitin-Proteasome System in The Degradation of Tau in Alzheimer's Disease Neurons  
\$103,127 out of \$174,497 (partial sponsorship)

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**83. Leonardo Rivera-Rivera, Ph.D. -2020 Alzheimer's Association Research Fellowship to Promote Diversity**

University of Wisconsin

Madison, WI

Quantification of Cerebrovascular Dysfunction in Alzheimer's

\$173,390.76 out of \$174,999 over 3 years (fully sponsored)

**82. Silvia Fossati, Ph.D. - 2020 Alzheimer's Association Research Grants**

Temple University

Philadelphia, PA

Targeting Cerebral Smooth Muscle Cell Mitochondria in Alzheimer's Disease

\$150,000 over 3 years (fully sponsored)

**81. Qi Zhang, Ph.D. - 2019 Alzheimer's Association Research Grants – New to the Field**

Florida Atlantic University

Boca Raton, FL

*APP Modulates Presynaptic Membrane Cholesterol and Integrity"*

\$99,010 over 3 years (partially sponsored)

**80. Anna Majewska, Ph.D. - 2019 Alzheimer's Association Research Grants – New to the Field**

University of Rochester

Rochester, NY

*Rejuvenating Microglia in a Mouse Model of Alzheimer's Disease*

\$150,000 over 3 years (fully sponsored)

**79. Matthias Truttmann, Ph.D. - 2019 Alzheimer's Association Research Grant**

University of Michigan

Ann Arbor, MI

*The Impact of Protein AMPylation on Gene Regulation in Alzheimer's Disease*

\$149,996 over 3 years (fully sponsored)

**78. Nicholas Fitz, Ph.D. - 2018 Alzheimer's Association Research Fellowship (AARF)**

University of Pittsburgh

Pittsburgh, Pennsylvania

*APOE Isoform-Specific Effects on Microglial-Mediated Inflammation*

\$119,967.73 over 2 years (partially sponsored)

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**77. JiaBei Lin, Ph.D. - 2018 Alzheimer's Association Research Fellowship (AARF)**

The Trustees of the University of Pennsylvania  
Philadelphia, PA

*Developing therapeutic protein disaggregases for Alzheimer's Disease*

\$119,967.73 over 3 years (partially sponsored)

**76. Megan Zuelsdorff, Ph.D. - 2018 Alzheimer's Association Research Fellowship (AARF)**

University of Wisconsin  
Madison, WI

*Social stressors, allostatic load, and disparities in cognitive aging*

\$ 174,870 over 3 years (fully sponsored)

**75. Jole Fiorito, Ph.D. - 2017 Alzheimer's Association Research Fellowship (AARF)**

Columbia University Medical Center  
New York, New York

*Drug Development of a Novel PDE5 Inhibitor for Alzheimer's Disease*

\$35,077.40 (partial sponsorship)

**74. Emily Edmonds, Ph.D. - 2017 Alzheimer's Association Research Grant (AARG)**

University of California, San Diego  
San Diego, California

*Longitudinal Cognitive and Biomarker Trajectories of MCI Subtypes*

\$149,995 over 3 years

**73. Hyun-Sik Yang, M.D. - 2017 Alzheimer's Association Clinical Fellowship (AACF)**

The Brigham and Women's Hospital, Inc.  
Boston, Massachusetts

*Pathophysiologic Link between TDP-43 Pathology and Alzheimer's Disease*

\$139,059 over 2 years

**72. Xinglong Wang, Ph.D. - 2017 Alzheimer's Association Research Grant (AARG)**

Case Western Reserve University School of Medicine  
Cleveland, Ohio

*Pathomechanisms of TDP-43 in Alzheimer's Disease*

\$150,000 over 3 years

**71. Women's Alzheimer's Research Initiative – 2016 Sex and Gender in Alzheimer's (SAGA) Grants Program**

Multiple research projects in areas ranging from estrogen loss to sex differences to biological factors.

\$40,000 (partial sponsorship)

## ALZHEIMER'S ASSOCIATION

### *Research Projects Sponsored by NARFE listed by year*

**70. Fei Liu, Ph.D. – 2016 Understanding the Development and Devising Treatments for Alzheimer's Disease in Individuals with Down Syndrome**

Research Foundation for Mental Hygiene, Inc. at NYS Institute for Basic Research  
Menands, New York

*Dyrk1A in Early Onset of Alzheimer's Pathology in Down Syndrome*

\$91,577 (partial sponsorship)

**69. Badri N. Vardarajan, Ph.D. – 2016 New Investigator Research**

Columbia University Medical Center

New York, New York

*Sequencing in Healthy APOE e4 Samples to Identify Protective Variants in Alzheimer's Disease*

\$99,056 over 2 years

**68. Gary Landreth, Ph.D. – 2016 Biological Underpinnings of Genetic Risk Factors in Alzheimer's Disease**

Case Western Reserve University

Cleveland, Ohio

*Roles of TREM2 in Alzheimer's Disease Pathogenesis*

\$240,000 over 3 years

**67. Gail Musen, Ph.D. – 2015 Investigator-Initiated Research Grant**

Joslin Diabetes Center

Boston, Massachusetts

*Type 2 Diabetes and Risk for Alzheimer's Disease: Effect of Exercise*

\$250,000 over 3 years

**66. Henrietta Nielsen, Ph.D. – 2015 New Investigator Research**

Mayo Clinic Jacksonville

Jacksonville, Florida

*Apolipoprotein E Levels: a Risk-Determinant for Neurodegenerative Disease*

\$100,000 over 2 years

**65. Min Shi, Ph.D. – 2015 New Investigator Research**

University of Washington

Seattle, Washington

*Tau Efflux via Exosomes and Potential Plasma Biomarker of Alzheimer's Disease*

\$99,975 over 2 years

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**64. Eric Tanifum, Ph.D. – 2015 New Investigator Research**

Baylor College of Medicine

Houston, Texas

*Probing Blood-Brain Barrier Integrity in APP/PSEN1 Mice by 19F MRI*

\$29,233 (partial sponsorship)

**63. Ozioma Okonkwo, Ph.D. – 2014 New Investigator Research**

University of Wisconsin-Madison (Board of Regents University of Wisconsin System)

Madison, WI

*Aerobic Exercise for Alzheimer's Prevention in At-Risk Middle-Aged Adults*

\$100,000 over 2 years

**62. Jorge J. Palop, Ph.D. – 2014 Investigator-Initiated Research Grant**

The J. David Gladstone Institutes

San Francisco, CA

*Cell-Based Therapy to Restore Brain Functions in Mouse Models*

\$240,000 over 3 years

**61. Charbel Moussa, Ph.D. – 2014 New Investigator Research**

Georgetown University

Washington, D.C.

*Nilotinib Effects in Parkin-Mediated p-Tau Clearance*

\$99,931 over 2 years

**60. Hailan Yao, Ph.D. – 2013 New Investigator Research**

Roskamp Foundation IRRV Trust

Sarasota, FL

*Novel Mechanisms of BACE1 in Alzheimer's Vascular Pathogenesis*

\$100,000 over 2 years

**59. Sara Gregory, Ph.D. – 2013 New Investigator Research**

Hartford Hospital

Hartford, CT

*Exercise Training and the Hippocampus in Subjects with Dementia Risk*

\$99,697 over 2 years

**58. Stephen J. Haggarty, Ph.D. – 2013 New Investigator Research**

Massachusetts General Hospital

Boston, MA

*HDAC1 Activating Compounds as a Novel Therapeutic for Alzheimer's Disease*

\$99,999 over 2 years

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**57. Fernando Goni, Ph.D. – 2013 Investigator-Initiated Research Grant**

New York University School of Medicine

New York, NY

*Conformational Directed Immunotherapy Targeting Both Tau and ABeta Pathology*

\$233,960 over 3 years

**56. Angela Kamer, Ph.D. – 2012 New Investigator Research Grant**

New York University

New York, NY

*Infection/Inflammation and Cognitive Decline*

\$100,000 over 2 years

**55. Michael Agadjanyan, Ph.D., D.Sc. – 2012 Investigator-Initiated Research Grant**

Institute for Molecular Medicine

Huntington Beach, CA

*Immune Mechanisms Involved in Responses to Multiepitope AD Vaccine*

\$239,503 over three years

**54. Kalipada Pahan, Ph.D. -- 2012 Investigator-Initiated Research Grant**

Rush University Medical Center

Chicago, IL

*Induction of BDNF and NT-3 by cinnamon metabolite sodium benzoate*

\$239,910 over three years

**53. Brian Wiltgen, PhD – 2011 New Investigator Research Grant**

University of Virginia

Charlottesville, VA

*The Role of Synaptic Plasticity in the Development of Alzheimer's Disease*

\$100,000 over two years

**52. Joseph Goveas, MD – 2011 New Investigator Research Grant**

Medical College of Wisconsin, Inc.

Milwaukee, WI

*Multimodal Imaging in Depressed Adults at Risk for Alzheimer's Disease*

\$99,994 over two years

**51. Andrew Munkasci, PhD – 2011 New Investigator Research Grant**

Columbia University Medical Center

New York, NY

*HDAC Inhibition: Treating Dementia Through Cholesterol Transport and CLU*

\$99,990 over two years

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**50. David Cribbs, PhD – 2011 Investigator-Initiated Research Grant**

University of California, Irvine

Irvine, CA

*Hypertension, Cerebral Amyloid Angiopathy and Neuroinflammation*

\$200,000 over three years

**49. Maria Corrada, PhD – 2010 New Investigator Research Grant**

The Regents of the University of California, Irvine

Irvine, CA

*Vascular Disease in Relation to Dementing Pathologies in the Oldest-Old*

\$80,000 over two years

**48. Donna Cross, PhD – 2010 New Investigator Research Grant**

University of Washington

Seattle, Washington

*In Vivo Imaging of Axonal Transport Deficits in Alzheimer's Disease*

\$80,000 over two years

**47. Cheng-Xin Gong, PhD – 2010 Investigator-Initiated Research Grant**

Research Foundation for Mental Hygiene, Inc. at NYS Institute for Basic Research

Menands, New York

*Targeting Insulin Signaling for Treating Neurofibrillary Degeneration in Alzheimer's Disease*

\$200,000 over three years

**46. Kumar Sambamurti, PhD – 2010 Investigator-Initiated Research Grant**

Medical University of South Carolina

Charleston, South Carolina

*Dietary Modification of Alzheimer's Disease Biomarkers*

\$200,000 over three years

**45. Barbara B. Bendlin, PhD – 2009 New Investigator Research Grant**

University of Wisconsin-Madison

Madison, Wisconsin

*White Matter Alterations in Middle-Aged Adults at Risk for Alzheimer's*

\$80,000 over two years

**44. Leon Reijmers, PhD – 2009 New Investigator Research Grant**

Tufts University

Boston, Massachusetts

*Imaging of Memory Circuits in the Presence of Soluble Amyloid-Beta*

\$80,000 over two years

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**43. Lisa Mosconi, PhD – 2009 Investigator-Initiated Research Grant**

New York University School of Medicine

New York, New York

*Maternal History of Alzheimer Predisposes Children to Brain Hypometabolism*

\$200,000 over three years

**42. Jason E. Gestwicki, PhD – 2008 New Investigator Research Grant**

University of Michigan

Ann Arbor, Michigan

*Chemical Probes for Selective Recognition of Amyloid Oligomers*

\$99,813 over two years

**41. Chengjie Xiong, PhD – 2008 New Investigator Research Grant**

Washington University in St. Louis

St. Louis, Missouri

*The Earliest Antecedent Markers of Alzheimer's Diseases*

\$99,956 over two years

**40. Gilbert T. Feke, PhD – 2008 Investigator-Initiated Research Grant**

Retina Associates, Inc.

Boston, Massachusetts

*Objective Biomarkers for Alzheimers Disease in the Retina*

\$239,390 over three years

**39. Henry Rusinek, PhD – 2008 Investigator-Initiated Research Grant**

New York University School of Medicine

New York, New York

*Hippocampal Blood Flow and Vascular Reactivity in Normal Aging and Alzheimer's Disease*

\$239,941 over three years

**38. Youssef Zaim Wadghiri, PhD – 2008 Investigator-Initiated Research Grant**

New York University School of Medicine

New York, New York

*Susceptibility-Based MRI Detection of Alzheimer's Amyloid*

\$240,000 over three years

**37. Gregory A. Jicha, PhD – 2007 New Investigator Research Grant**

University of Kentucky Research Foundation

Lexington, Kentucky

*Telemedicine Assessment of Cognition in Rural Kentucky: The TACK Study*

\$99,675 over two years

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**36. June Kinoshita, B.A. – 2007 Investigator-Initiated Research Grant**

Alzheimer's Research Forum Foundation

Boston, MA

*SWAN: A Community Knowledge Base for Alzheimer's Disease Research*

\$239,568 over three years

**35. George S. Bloom, PhD – 2007 Investigator-Initiated Research Grant**

University of Virginia

Charlottesville, VA

*Signaling from Beta-Amyloid Through Tau in Alzheimer's Disease*

\$240,000 over three years

**34. Dale E. Bredeson, MD – 2006 New Investigator Research Grant**

Buck Institute for Age Research

Novato, CA

*A Role for the Intracytoplasmic Cleavage of APP in Alzheimer's Disease*

\$239,978 over three years

**33. James Lee, PhD – 2006 New Investigator Research Grant**

University of Missouri

Columbia, MO

*Effects of Beta-Amyloid Peptide on Adhesion Mechanics of Cerebral Endothelium*

\$100,000 over two years

**32. Francesca-Fang Liao, PhD – 2006 New Investigator Research Grant**

Burnham Institute for Medical Research

La Jolla, CA

*sAPP and p25/CDK5 in Neurogenesis and Neuronal Death*

\$240,000 over three years

**31. Suzanne Tyas, Ph.D. – 2005 New Investigator Research Grant**

University of Kentucky Research Foundation

Lexington, KY

*Vascular Risk Factors, Vascular Pathology and Alzheimer's Disease*

\$99,603 over two years

**30. Rong Wang, Ph.D. – 2005 Investigator-Initiated Research Grant**

Mount Sinai School of Medicine

New York, NY

*Biomarkers for Early Detection of Alzheimer's Disease*

\$240,000 over three years

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**29. Michael P. Murphy, MA, PhD – 2004 New Investigator Research Grant**

Mayo Clinic, Jacksonville

Jacksonville, FL

*Using Cloning Technology to Create an APP Transgenic Rat*

\$100,000 over two years

**28. Einar M. Sigurdsson, PhD – 2004 Investigator-Initiated Research Grant**

New York University

New York, NY

*Abeta Derivatives as Safer Vaccines for Alzheimer's Disease*

\$240,000 over three years

**27. Karyn M. Frick, PhD – 2003 Investigator-Initiated Research Grant**

Yale University

New Haven, CT

*Impact of Environmental Experience on Mnemonic Response to Estrogen in Aging Mice*

\$239,989 over three years

**26. Katrina A. B. Goddard, PhD – 2003 New Investigator Research Grant**

Case Western Reserve University

Cleveland, OH

*Candidate Genes in Very Late-Onset Alzheimers Disease*

\$99,971 over two years

**25. Agustin G. Yip, MD, PhD – 2003 New Investigator Research Grant**

Boston University School of Medicine

Boston, MA

*Genetic Basis of Cerebrovascular Mechanisms in Alzheimer's Disease*

\$99,998 over two years

**24. Alpaslan Dedeoglu, MD, PhD – 2002 New Investigator Research Grant**

Boston University

Veterans Administration Medical Center

Bedford, MA

*Anti-Inflammatory Therapy in a Mouse Model of Alzheimer's Disease: A Magnetic Resonance Imaging, Spectroscopy, and Quantitative Histopathological Study*

\$100,000 over two years

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**23. Wen-Biao Gan, PhD – 2002 Investigator-Initiated Research Grant**

New York University

New York, NY

*Imaging Synaptic Disruption and Recovery after Amyloid Plaque Clearance in Living Mice*

\$240,000 over three years

**22. Vincent L. Cryns, MD – 2001 Investigator-Initiated Research Grant**

Northwestern University Medical School

Chicago, IL

*Role of Tau Proteolysis in Amyloid Beta – Induced Neuronal Apoptosis*

\$239,388 over three years

**21. Pattie S. Green, PhD – 2001 New Investigator Research Grant**

University of Arkansas

Little Rock, AR

*Effects of Estrogen on Glial Activation and Cytokine Expression in Models of Alzheimer's Disease*

\$100,000 over two years

**20. Stephen D. Ginsberg, PhD – 2000 New Investigator Research Grant**

Baylor College of Medicine

Houston, TX

*Synaptic Alterations in CA1 Neurons in Aging and Alzheimer's Disease Using cDNA Microarrays*

\$100,000 over two years

**19. Jonathan L. Haines, PhD – 2000 Investigator-Initiated Research Grant**

Vanderbilt University

Nashville, TN

*Identification of Novel Genes in Late-Onset Alzheimer's Disease*

\$240,000 over three years

**18. Teepu Siddique, MD – 2000 Investigator-Initiated Research Grant**

Northwestern University Medical School

Chicago, IL

*Identification of a Gene Defect in Frontal Temporal Dementia/ALS Syndrome*

\$237,600 over three years

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**17. Chien-liang Glenn Lin, PhD – 1999 Investigator-Initiated Research Grant**

Johns Hopkins University School of Medicine

Baltimore, MD

*Mechanisms for Glutamate Transporter Alterations in Alzheimer's Disease*

\$180,000 over three years

**16. G. William Rebeck, PhD – 1999 Pilot Research Grant for New Investigators**

Massachusetts General Hospital

Charlestown, MA

*Progression of Cerebral Amyloid Angiopathy in a Mouse Model*

\$80,000 over two years

**15. Andrew C. Warren, PhD – 1999 Investigator-Initiated Research Grant**

Johns Hopkins University School of Medicine

Baltimore, MD

*Oxidative Stress and Alzheimer's Disease*

\$180,000 over three years

**14. Helene Benveniste, MD, PhD – 1998 Investigator-Initiated Research Grant**

Duke University Medical Center

Durham, NC

*MR Microscopy and Alzheimer's Disease: Early Detection of Alzheimer's Disease Pathology in Transgenic Mice Overexpressing Beta Amyloid Protein*

\$180,000 over three years

**13. Eric M. Reiman, MD – 1998 Investigator-Initiated Research Grant**

Good Samaritan Regional Medical Center

Phoenix, AZ

*PET, ApoE, Aging, and the Preclinical Course of Alzheimer's Disease*

\$180,000 over three years

**12. Austin J. Yang, PhD – 1998 Investigator-Initiated Research Grant**

Nathan S. Kline Institute for Psychiatric Research

Orangeburg, NY

*Cellular Mechanisms of Amyloid-Mediated Cell Deaths in Alzheimer's Disease*

\$180,000 over three years

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**11. Keith A. Crutcher, PhD – 1997 Research Grant**

University of Cincinnati

Cincinnati, OH

*Neurotoxic ApoE Peptides in Alzheimer's Disease*

\$151,460 (\$151,000 approved by NARFE)

**10. Jane Wu, PhD – 1997 Research Grant**

Washington University School of Medicine

St. Louis, MO

*A Search for Proteins Interacting With Presenilin-1*

\$201,000 (\$200,000 approved by NARFE)

**9. Guojun Bu, PhD – 1995 Faculty Scholar Award**

Washington University School of Medicine

St. Louis, MO

*Cellular Biology of ApoE, Its Receptors and Receptor Regulator in the CNS*

\$149,997

**8. Michael Mullan, MD, PhD – 1995 Investigator-Initiated Research Grant**

University of South Florida

Tampa, FL

*Isolation of cDNAs from YACs Covering a Region in Disequilibrium with the AD3 Gene*

\$147,510

**7. John C. Morris, MD – 1993 Pilot Research Grant**

Washington University

St. Louis, MO

*Molecular Genetic Analysis of Hereditary Dysphasic Dementia*

\$30,000 (\$25,000 approved by NARFE)

**6. Rajesh N. Kalaria, PhD – 1992 Pilot Research Grant**

Case Western Reserve University

Cleveland, OH

*Amyloid Proteins in Ischemic Brain Injury*

\$24,750

**5. Karen A. Roberto, PhD – 1992 Pilot Research Grant**

University of North Colorado

Greeley, CO

*Communication Abilities of Persons With AD: Impact on Spousal Caregivers*

\$25,000

*Source: Alzheimer's Association Annual Reports*

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**4. Michael J. Russell, PhD – 1992 Pilot Research Grant**

University of California, Davis

Sacramento, CA

*Genetic Factors in Canine Plaque Formation*

\$25,000

**3. Michael Sullivan, PhD – 1992 Pilot Research Grant**

Good Samaritan Hospital and Medical Center

Portland, OR

*Inhibitory Processes Underlying Word Retrieval in Patients With Alzheimer's Disease*

\$25,000

**2. Andrew C. Warren, MD, PhD – 1991 Faculty Scholar Award**

Johns Hopkins University

Baltimore, MD

*Expressed Sequences on Chromosome 21*

\$135,000 (\$105,000 approved by NARFE)

**1. James E. Hamos, PhD – 1988 Faculty Scholar Award**

University of Massachusetts

Worcester, MA

*Multifactoral Pathogenesis of Dementia in Alzheimer's Disease*

\$75,000