

ALZHEIMER'S AND RELATED DISEASES RESEARCH AWARD FUND (ARDRAF)

Grants awarded since enactment in 1982 by the Virginia General Assembly
(Code of Virginia, Title 51.5, Section 153).

1982	VCU/MCV	Lindon J. Eaves, Ph.D., "Genetic Heterogeneity in Senile and Presenile Dementias of the Alzheimer's Type"
	VCU/MCV	Elizabeth Harkins, Ph.D., "Incidence of Alzheimer's and Related Diseases, Mortality, and Institutionalization among High Risk Elderly Virginians"
1983	UVA	H. Robert Brashear, M.D., "Nucleus Basalis Changes in Pick's Disease"
	UVA	John Savory, Ph.D., "The Effect of Plasma Protein Binding of Aluminum in Altering Permeability of Brain Tissue to Aluminum"
1984	UVA	George Alheid, Ph.D., "Heavy Metal Labeling of Ventral Forebrain Neurons"
	GMU	Jody Bennett, Ed.D., "Needs Assessment of Persons with Alzheimer's Disease"
1985	VCU/MCV	George DeVries, Ph.D., "Relationship of Axolemmas Antibody Induced Neuropathology to Alzheimer's Disease"
	UVA	Ivan S. Login, M.D., "Cortical Deficiency of Somatostatin in Alzheimer's Disease: Effects on Biochemistry and Physiology"
	UVA	Eric W. Lothman, M.D., Ph.D., "In Vitro Studies of Functional Properties of Basal Forebrain Cholinergic Neurons"
	UVA	John Savory, Ph.D., "Alzheimer's Disease Neuropathology: Development of an In Vitro Model of Cytoskeletal Changes"

1986	VA TECH	William Blaker, Ph.D., "The Role of Axonally Transported Phospholipids in the Synthesis of Acetylcholine"
	VCU/MCV	Vincent Calabrese, M.D., "Immunologic Response in Dementia of the Alzheimer's Type"
	VCU	Barbara Myers, Ph.D. and Gary Creasey, Ph.D., "Alzheimer's Disease: Effects on Child and Family Life"
	VCU/MCV	Iris Parham, Ph.D. and Joan Wood, Ph.D., "Ethnic and Cultural Issues in Family Caregiving"
	EVMS	Patricia Williams, Ph.D., "Abnormal Calcium Uptake as Expressed by Fibroblasts from Patients with Alzheimer's Disease"
1987	VCU/MCV	Lorna M. Barrell, Ph.D., R.N., "Needs Assessment of Persons with Alzheimer's Disease and Their Family Caregivers"
	VCU/MCV	Richard A. Glennon, Ph.D., "Discriminative Stimulus Properties of the Psychogeriatric Agent Pramiracetam in Rats"
	VCU/MCV	Susan E. Robinson, Ph.D., "Regulation of Basal Forebrain Cholinergic Neurons"
	UVA	John Savory, Ph.D., "Effect of Aluminum on Amyloid Gene Expression in a Rabbit Model for Alzheimer's Disease"
	EVMS	Patricia B. Williams, Ph.D., "Mechanism for Abnormal Calcium Uptake by Fibroblasts from Patients with Alzheimer's Disease"
1988	VA TECH	William D. Blaker, Ph.D., "The Influence of Cholinergic Afferents on the Somatostatinergic System in the Rat Hippocampus"
	UVA	Lennart Heimer, M.D., "Degeneration of Higher Order Olfactory Pathways in Alzheimer's Disease"
	VCU/MCV	Alfred J. Richard, Ph.D., "The Interactions of THA with DNA as a Function of Ionic Strength and Drug Concentration"
	UVA	Claire Levesque, M.D., "Quantitative Autoradiographic Analyses of Changes in Cholinergic Markers in Alzheimer's Disease and Aging"

- 1989** VCU/MCV Donald J. Abraham, Ph.D., "Specific Ligands for Alzheimer's Disease Beta-Amyloid Protein"
- UVA Felicia Gaskin, Ph.D., "Comparison of Antibodies in Alzheimer's Disease and Down's Syndrome"
- VCU/MCV Heidi F. Villanueva, Ph.D., "Blockade of AF64A (Ethylcholine Aziridinium Ion) - Induced Memory Impairment in Rats via Pretreatment with Cholinergic Agonists"
- UVA Michael R. Wills, M.D., Ph.D., "Aluminum-Induced Neurofibrillary Pathology - - Similarities to Human Motoneuron Disease"
- 1990** VCU/MCV James M. Collins, Ph.D., "Altered Membrane Fluidity of Peripheral Blood Cells of Alzheimer's Disease"
- VCU/MCV Linda M. Dougherty, Ph.D. and Joan B. Wood, Ph.D., "Emotional & Personality Factors Related to Caregivers' Adaptation"
- UVA Carol A. Manning, Ph.D., "Glucose Enhancement of Memory in Patients with Alzheimer's Disease"
- EVMS Bruce W. Tedeschi, Ph.D. and Francis J. Liuzzi, Ph.D., "The Effects of Amyloid-Associated Protease Inhibitors on Neuronal Pathology"
- 1991** VCU Joyce O. Beckett, Ph.D., "Family Care of African-Americans with Dementia"
- WESTERN STATE Bernice A. Marcopulos, Ph.D. and David Steiner, M.D., "Periodicity of Agitated Behaviors in Patients with HOSPITAL Alzheimer's Disease and Related Disorders: Relationship to Circadian Change in Cognition, Physiological Variables, and Environmental Milieu"
- VCU/MCV Glenn C. Van Tuyle, Ph.D., "Accumulation of Partially Deleted DNA as a Basis for Aging and Aging-Related Diseases"
- VCU/MCV Robert K. Yu, Ph.D. and Megumi Saito, M.D., Ph.D., "Ganglioside Changes in Alzheimer's Brain"

1992	UVA	Daniel J. Cox, Ph.D., "The Presence and Progression of Driving Disability in Alzheimer's Disease Patients"
	FAMILY RESPITE CENTER	Lin E. Noyes, R.N., M.S.N. and Shelley K. Gardner, M.A., N.H.A., "Measuring the Effectiveness of a Supervised Practicum as an Adjunct to Training Family Caregivers"
	UVA	John Savory, Ph.D., "Reversal of Al-induced Neurodegeneration by Desferrioxamine"
	UVA	Patricia A. Trimmer, Ph.D., "Regulation of Astrocyte Gene Expression in Young Adult and Aged Rats in Response to Neuronal Degeneration"
1993	UVA	Shelley Halpain, Ph.D., "Regulation of TAU Phosphorylation in Intact Neurons"
	UVA	Suzanne Holroyd, M.D., "A Pilot Study of Visual Hallucinations in Patients with A.D."
	VCU/MCV	Susan Robinson, Ph.D., "Role of Nicotine Receptors in the Regulation of Cholinergic Neurons"
	EVMS	Bruce Tedeschi, Ph.D., "Does the Amyloid Peptide (A4B) Have Molecular Associations with Heat Shock Chaperone Proteins?"
1994	VCU/MCV	Marc W. Fariss, Ph.D., "Tacrine-Mediated Hepatotoxicity: Role of Protein Synthesis Inhibition"
	UVA	Samuel A. Green, Ph.D., "Rapid Constitutive Lysosomal Targeting of Amyloid Precursor Protein"
	VA TECH	Bradley G. Klein, Ph.D., "Glia-derived Trophic Cytokines Associated with Alzheimer's Disease: Neuroplasticity as a Putative Precursor to Neuropathology"
	UVA	Daniel B. Willingham, Ph.D. & Carol Manning, Ph.D., "Motor Skill in Alzheimer's Disease"

- 1995** VCU/MCV John W. Bigbee, Ph.D., "Studies on Possible Neurotoxic Effects of Acetylcholinesterase Inhibitors Used in Alzheimer's Disease Treatment"
- UVA Heidi Scrable, Ph.D., Shelley Halpain, Ph.D. and David Brautigan, Ph.D., "Investigation into the Role of PP2A in Alzheimer's-like Cytoskeletal Alterations Using a Novel Inducible Gene Expression System"
- UVA Patricia A. Trimmer, Ph.D., "Reactive Astrocytes in Aging and Alzheimer's Disease: Neurotrophic Factors"
- VCU/MCV Richard B. Westkaemper, Ph.D., "Molecular Models of the Nicotinic Receptor: A Potential Route to the Rational Design of Agents to Treat Alzheimer's Disease"
- 1996** EVMS Frank J. Castora, Ph.D., "Analysis of the Role of Mitochondrial DNA in Alzheimer's Disease Using mtDNA-Depleted Cells"
- VDEM Robert J. Koester, M.S., "Behavioral and Statistical Profile of Lost Alzheimer's and Related Diseases Subjects in Virginia"
- UVA John Savory, Ph.D., "Amyloid Precursor Protein and Tau Aggregation in Neuritic Tangles in Aging"
- UVA Daniel B. Willingham, Ph.D., "Inpatient Variability in Alzheimer's Disease"
- 1997** UVA Thomas C. Foster, Ph.D., "Mechanism for Memory Impairment and Pathophysiology Associated with Aging and Alzheimer's Disease"
- EVMS Evan T. Keller, D.V.M., Ph.D. and Paul F. Aravich, Ph.D. "Do Free Radicals Induce Interleukin-6 Expression in the Rat Hippocampus? A Model for Alzheimer's Disease"
- EVMS Francis J. Liuzzi, Ph.D., "Does Estrogen Protect Basal Forebrain Neurons from Neurodegenerative Changes?"
- UVA Russell H. Swerdlow, M.D., "Cytochrome Oxidase Associated Pathophysiology in Alzheimer's Disease"

1998	VCU	J. James Cotter, Ph.D., "Special Care for Persons with Alzheimer's Disease and Related Disorders: The Response of Virginia's Nursing Facilities, Adult Care Residences and Home Care Agencies"
	VA TECH	Bradley G. Klein, Ph.D. and Jeffrey Bloomquist, Ph.D., "Improved Visualization and Localization of the Neural Substrates of Experimental Parkinsonism"
	UVA	Carol A. Manning, Ph.D. and J. Hunter Downs, III, Ph.D., "Brain Effect of Glucose Facilitation on Memory in Alzheimer's Disease: A Functional Magnetic Resonance Imaging Study"
1999	GMU	Giorgio Ascoli, Ph.D., "Effect of Dendritic Morphology on Neuronal Electrophysiology in a Lesion Model of Alzheimer's Disease"
	UVA	Suzanne Holroyd, M.D. and Andrew Wolf, M.D., "Attitudes on Whether Physicians Should Tell Alzheimer's Disease Patients Their Diagnosis"
	VA TECH	Shannon E. Jarrott, Ph.D., "The Effects of Instrumental Assistance on Family Caregivers of Patients with Dementia"
	UVA	Virginia Simnad, M.D., "Alteration in Proton Spectra of the Hippocampus to Oral Ingestion of Glucose in Alzheimer's Disease"
	VCU	Patricia W. Slattum, Pharm.D., Ph.D. and Vivien E. James, Pharm.D., "Anticholinergic Medication Use in Elderly Patients Diagnosed with Dementia or Taking Acetylcholinesterase Inhibitors"
2000	UVA	James P. Bennett, Jr., M.D., Ph.D. & Christine Thiffault, Ph.D. "Mitochondria Membrane Potential in Alzheimer's Disease"
	Goodwin House	Sheila Caswell, Mary A. Corcoran, Ph.D, O.T.R., & Karen Love "A Staff-Developed Program to Enhance Care Quality for Residents with Dementia"
	EVMS	Barbara Freund, Ph.D., R.N. "Use of the Clock Drawing Test as a Screen for Declining Driving Competency in Cognitively Impaired Older Adults"
	VCU/MCV	Mohammed Kalimi, Ph.D. "Amyloid Beta Protein-Induced Hippocampal Cell Death: Mechanism of Action"
	VCU/MCV	Elizabeth O'Keefe, M.D., Pamela Parsons, G.N.P., & Peter Boling, M.D. "Percutaneous Endoscopic Gastrostomy (PEG) for Nutritional Support in Persons with Advanced Dementia and Feeding Difficulties: Do the Outcomes Fulfill the Expectations of the Decision-Maker?"
	VA Tech	Sherry Schofield-Tomschin, Ph.D. & Anna Marshall-Baker, Ph.D. "Tactile and Visual Stimuli in Alzheimer's Care Units: Incorporating Quilts in the Living Environment"

- 2001**
- UVA Erik J. Fernandez, Ph.D. "Revealing Amyloid- β Structure and Oligomer Distributions Using Mass Spectrometry"
- UVA Carol Manning, Ph.D. and Kathleen Fuchs, Ph.D. "The Subjective and Objective Experience of Women at Genetic Risk for Alzheimer's Disease"
- UVA John Savory, Ph.D. and Othman Ghribi, Ph.D. "Stress in the Endoplasmic Reticulum Mediates Active Neuronal Death in Experimental Neurodegeneration"
- VCU/MCV Jurgen Venitz, M.D., Ph.D. and Yuxin Men, M.D. "Pharmacokinetic/Pharmacodynamic (PK/PD) Modeling of the Interaction of IV Scopolamine and Physostigmine in Healthy Elderly Volunteers"
- VCU/MCV Janet H. Watts, Ph.D., O.T.R. and Jodi L. Teitelman, Ph.D. "Alzheimer's Disease Caregiver Occupational Performance, Respite as a Mental Break, and Program Implications"
- 2002**
- VA Tech Paul R. Carlier, Ph.D. "Structure-Based Design of Dimeric Memory Enhancing Drug"
- VCU J. James Cotter, Ph.D., E. Ayn Welleford, Ph.D. and K. Vesley "Improving the Capacity of Home Care Aides in Rural Areas Serving Persons with Alzheimer's Disease and Related Disorders"
- UVA Elana Farace, Ph.D. and Mark E. Shaffrey, M.D. "Neurocognitive Discrimination of Alzheimer's from Normal Pressure Hydrocephalus Verified by Brain Biopsy"
- JMU Merle E. Mast, Ph.D. and Marilyn Wakefield, Ph.D. "Rural Family Caregivers' Perceptions of Facilitators and Deterrents to the Use of In-Home Respite"
- Mountain Empire Older Citizens, Inc. Marilyn Pace Maxwell, M.S.W. and Michael Creedon, D.S.W. "Using the Internet for Alzheimer's Care: The Challenge for Elders and Service Organizations in Approach"

2003	UVA	James P. Bennett, M.D., Ph.D. and Bradley Miller, M.D., Ph.D. "Mitochondrial DNA Deletions and Mutations in Alzheimer's Disease Brain Neurons"
	VA Tech	Toni Calasanti, Ph.D. "Gender Differences in Informal Care Work for Persons with Alzheimer's Disease"
	VA Tech	Shannon E. Jarrott, Ph.D. and P. Diane Relf, Ph.D. "Horticulture Therapy for Persons with Dementia: Replication of a Pilot Study"
	ODU	Brian K. Payne, Ph.D. and Randy R. Gainey, Ph.D. "The Social Context of Providing Care to Alzheimer's Patients: Specifying Interactions Between Social Disorganization, Service Utilization, Burden, and Mistreatment"
2004	UVA	Kathleen Fuchs, Ph.D. "Beyond Memory Impairment in MCI: Executive Abilities and Implications for Functioning"
	UVA	David S. Geldmacher, M.D. "Eye-Movement Approaches to Information Processing Abnormalities in Mild Cognitive Impairment"
	VA Tech	Anne Glass, Ph.D. "The End-of-Life Care Experience for Alzheimer's Patients and Their Families"
	Mountain Empire Older Citizens, Inc.	Marilyn Pace Maxwell, M.S.W. and Michael Creedon, D.S.W. "Developing, Implementing, and Evaluating Training Modules for High School Students to Teach Alzheimer's Caregivers to Use the Internet Effectively as a Tool to Assist in Caring for Their Family Members"

2005	GMU	Jane Flinn, Ph.D. "The Effect of Enhanced Levels of Zinc and Iron in Drinking Water on Memory, Amyloid Configuration, and Plaque Development in Transgenic Mice"
	GMU	Pamela M. Greenwood, Ph.D. and Karl Fryxell, Ph.D. "Use of Allelic Association to Study the Genetics of Cognitive Aging"
	College of William and Mary	Christine J. Jensen, Ph.D. and colleagues "Promoting an Effective Partnership between Families Coping with Alzheimer's Disease and Their Healthcare Providers"
	UVA	Michelle King, Ph.D. "Direct Interactions between A β and Tau in Cultured Cells"
	Virginia Tech	Bradley G. Klein, Ph.D. and Jeffrey R. Bloomquist, Ph.D. "Modulation of Cognitive Sequelae of Parkinsonism by Environmental Manganese: Implications for Dementia with Lewy Bodies"
	UVA	Isaac G. Onyango, D.V.M., Ph.D. "Molecular Mechanisms of Neurodegeneration in Alzheimer's Disease"
	UVA	Heidi Scrabble, Ph.D. "Gene Expression Changes in the Aging HPF Axis"
2006	VCU	Dusan Bratko, Dr. Sci. "Computer Screening of Amyloidogenic Protein Variants"
	EVMS	Frank J. Castora, Ph.D. "Effect of T9861C mtDNA Mutation on Cytochrome Oxidase Structure and Function"
	ODU	Sheri R. Colberg, Ph.D., FACSM and colleagues. "The Relationship among Alzheimer's Disease, Dementia, Diabetes, and Physical Activity Status"
	VCU	Jeffrey L. Dupree, Ph.D. "Understanding the Role of Sulfatide in Maintaining Viable Neurons in Alzheimer's Disease"
	UVA	Paul Freedman, Ph.D., Richard J. Bonnie, LL. B., and Thomas M. Guterbock, Ph.D. "Voting and Dementia in Virginia Long-Term Care Facilities"
	UVA	Ian G. Macara, Ph.D. and Huaye Zhang, Ph.D. "The Role of Septins in Alzheimer's Disease"
	GMU	Jeanne Sorrell, Ph.D., R.N. and Catherine J. Tompkins, Ph.D. "Ethics of Respect for Spirituality in Persons Living with Alzheimer's Disease"

2007	VCU	Galya R. Abdrakhmanova, M.D., Ph.D. “Novel Epibatidine Analogs as Potential Selective Agonists of $\alpha 4\beta 2$ nAChRs”
	Shenandoah University	Mary A. Corcoran, Ph.D., OTR “Caregiving Styles of Adult Children Who Provide Dementia Care”
	UVA	Erik J. Fernandez, Ph.D. “Designed Peptides as Models for Amyloid- β Toxicity”
	VCU	Richard A. Glennon, Ph.D. “Positive Allosteric Modulators of Cholinergic Receptors”
	UVA	Isaac G. Onyango, D.V.M., Ph.D. “Receptor for Advance Glycation End Products (RAGE) and Lipid Rafts Mediate Amyloid β Neurotoxicity”
2008	Virginia Tech	Paul R. Carlier, Ph.D. “Hydroxyethylamine isostere triazole-linked BACE1 inhibitors for Alzheimer's disease”
	ODU	Gianluca De Leo, Ph.D. “Improving quality of life and short-term memory loss in patients with Alzheimer’s dementia: Smartphone application for capturing daily life moments”
	UVA	Manoj K. Patel Ph.D. “Cleavage of sodium channel $\beta 3$ subunit by BACE1 and γ -secretase modulates sodium channel activity in brain neurons”
	Virginia Tech	Karen A. Roberto, Ph.D., Rosemary Blieszner, Ph.D., and Jyoti Savla, Ph.D. “Caring for a spouse with Mild Cognitive Impairment: Daily challenges, marital relations, and physiological indicators”
	UVA	Timothy Salthouse, Ph.D. “Detection of preclinical Alzheimer’s disease”
	VCU	Shijun Zhang, Ph.D. & Tailiang Guo, Ph.D. “Bivalent ligands targeting amyloid- β -peptide and lipid rafts”

- 2009**
- VCU Guo-Huang Fan, Ph.D. “Potential therapeutic effect of lupeol on Alzheimer’s neuropathology in a transgenic mouse model”
- Alzheimer's Association Central and Western Virginia Ellen Phipps, C.T.R.S., and Barbara Braddock, Ph.D. “Home-based cognitive intervention program in dementia”
- UVA Karen M. Rose, Ph.D., R.N., and Ishan C. Williams, Ph.D. “Family quality of life in dementia”
- VCU H. Tonie Wright, Ph.D. “Alzheimer’s A β amyloid peptide interactions with inflammatory chaperone molecules”
- UVA J. Julius Zhu, Ph.D., and Lei Zhang, Ph.D. “Mechanisms for Cdk5-mediated synaptic depression”
- 2010**
- VCU Severn B. Churn, Ph.D. “Neuronal Mechanisms of Trauma-induced Alzheimer’s Disease”
- GMU Vasiliki N., Ikonomidou, Ph.D. and Pamela Greenwood, Ph.D. “Detection of ApoE-related White Matter Degeneration using Tissue Specific MRI: Sensitivity and Implications for Cognitive Function”
- Alzheimer's Association Southeastern Virginia Patricia Lacey, M.B.A., Sonya Barsness, M.S.G. and Scott Sautter, Ph.D. “The Impact of Early Alzheimer’s Support and Education Programs on Both Diagnosed Participants and Their Care Partners”
- VCU Kate Lapane, Ph.D. “Assessment of Factors which Influence Physician Decision-making Regarding Medication Use in Patients with Dementia at the End of Life”
- EVMS Serina A. Neumann, Ph.D. and colleague “Donepezil’s Effect on Cardiac Function in Patients with Alzheimer’s Disease Through an In Vivo, Non Invasive Measure of Peripheral Neuro-cholinergic Function: Relation to Therapeutic Efficacy”

2011	VCU	Malgorzata Dukat, Ph.D. and Galia R. Abdrakhmanova, M.D., Ph.D. “Small Molecules as Negative Allosteric Modulators of $\alpha 7$ nAChRs”
	GMU	Jane M. Flinn, Ph.D., Nathalia Peixoto, Ph.D., and Daniel N. Cox, Ph.D. “Behavioral and Inflammatory Changes in a Mouse Model of Late-Onset Alzheimer’s Disease”
	VCU	Aron H. Lichtman, Ph.D. and Laura E. Wise, Ph.D. “Targeting the Endogenous Cannabinoid System to Treat Alzheimer’s Disease”
	GMU	Robert H. Lipsky, Ph.D. “Functional Characterization of Promoter Polymorphisms of the Human GRIN2B Glutamate Receptor Gene Associated with Altered Memory Functioning in Older Adults”
2012	UVA	Inchan Kwon, Ph.D. and Erik Fernandez, Ph.D. “Revealing the Effect of Food Dyes on Amyloid-Beta Structure-Cytotoxicity Relationships”
	UVA	Carol Manning, Ph.D., ABPP-CN, Steven DeKosky, M.D., and Ishan C. Williams, Ph.D. “Vascular Risk Factors and Cognition in African Americans”
	Marymount University	Julie D. Ries, Ph.D., P.T. “Balance Training Program Designed for Individuals with Alzheimer’s Disease: The Effect on Balance and Falls”
	VCU	Vladimir Sidorov, Ph.D. “Identification and Characterization of nAChRs Clustered in Cell Membrane Lipid Rafts Using Novel Patching Technique with Chemically Modified Electrodes”
	Ferrum College	Megan M. St. Peters, Ph.D. “Who Forgot the Hippocampus? Potential Involvement in the Neural Circuitry of Attentional Control”
	VCU	Dong Sun, M.D., Ph.D. “Excessive Inflammation in Aging Population Following Brain Injury Impairs Hippocampal Neurogenesis and Cognitive Function: Implications for Alzheimer’s Disease”

2013	UVA	Matthew J. Barrett, M.D., M.Sc., Bradford B. Worrall, M.D., M.Sc., and Robert D. Abbott, M.A., M.P.H., Ph.D. “Assessment of Whether Genetic Risk Factors for Alzheimer’s Disease and Vascular Dementia are Associated with Cognitive Impairment in Parkinson Disease”
	ODU	Christianne Fowler DNP, RN, GNP-BC and colleagues “The Impact of an Interdisciplinary Virtual Healthcare Neighborhood on Sleep, Healthcare/Social Support, and Self-Efficacy among Caregivers of Elderly Persons with Dementia”
	Liberty University	Gary D. Isaacs, Ph.D. “Remodeling of DNA Methylation Associated with Increased Beta Amyloid Deposition in Mice”
	CCAL	Karen Love, B.S., Elia Femia, Ph.D., and Sonya Barsness, M.S.G. “Promoting Change and Action in Person-Centered Care Practices Using a Multi-Media Approach”
	Radford University	Lisa L. Onega, Ph.D., R.N. “Bright Light Therapy for Individuals with Dementia”
	GMU	Maren Strenziok, Ph.D. and Pamela Greenwood, Ph.D. “The Impact of Auditory Perception Training on Brain Activation and Connectivity in Attention Networks, Reasoning Ability, and Everyday Cognitive Function in Patients with Mild Cognitive Impairment”
	VCU	Shijun Zhang, Ph.D. and Hyoung-gon Lee, Ph.D. “Development of Curcumin/Melatonin Hybrids as Neuroprotective Agents for AD”
2014	GMU	Robin Couch, PhD “Neuroprotection and Alzheimer’s Disease”
	UVA	Roberto Fernandez-Romero MD, MPH, PhD “The Neurophysiology of Driving Impairments in Early Alzheimer’s Disease”
	UVA	Erin Pennock Foff, MD, PhD and Benjamin Purow, MD “Investigating the Role of miR-762 in Mediating Disease in C9ORF72-Based Frontotemporal Degeneration”
	Warren Memorial Hospital	Jonathan Winter, MD and J. William Kerns, MD “Pharmacologic and Non-pharmacologic Management of Behavioral and Psychological Symptoms of Dementia: A Mixed-Method Pilot”
	GMU	Joseph J. Pancrazio, PhD “Analysis of Amyloid Beta Effects with Living Neuronal Networks”
	Virginia Tech	Doris T. Zallen, PhD, Golde Holtzman, PhD, and Kye Kim, MD “Evaluation of a Web-Based Decision Aid for People Considering a Genetic Testing for Alzheimer’s Risk”
	UVA	Zhiyi Zuo, PhD “Environmental Enrichment Reduces Postoperative Cognitive Dysfunction”

2015 ¹	EVMS	Frank J. Castora, PhD and Randolph Coleman, PhD “Biochemical Systems Theory Modeling of Alzheimer's Disease Using Mitochondrial Genes Involved in Amyloid Precursor Protein and Tau Processing”
	UVA	Alev Erisir, MD, PhD* “Ultrastructural Neuropathology in Transgenic Models of Alzheimer's Disease”
	ODU	Karen A. Karlowicz, EdD, RN and colleagues “An Examination of Policy Application and Education Needs of Working Dementia Caregivers”
	VCU	MaryPeace McRae, PharmD, PhD and Patricia Slattum, PharmD, PhD* “Investigating the Relationship between Benzodiazepine Medications and the Development of Blood Brain Barrier Dysfunction as Risk Factors for Alzheimer's Disease”
	Virginia Tech	Webster L. Santos, PhD and Gregorio Valdez, PhD* “Controlling Neuronal Sphingosine-1-Phosphate as Alzheimer’s Disease Therapy”
	GMU	Catherine J. Tompkins, PhD and colleagues* “Individuals with Dementia at Adult Day Health Care Centers: Examining the Effects of Individualized Music on Mood and Agitation”
	Virginia Tech	Bin Xu, PhD, David Bevan, PhD and Ling Wu, MD, PhD* “Molecular Mechanisms of Amylin as a Novel Contributor to Alzheimer’s Disease”

The awards for this year were enhanced by a \$25,000 donation from Mrs. Russell Sullivan of Fredericksburg, in memory of her husband who died of dementia. Sullivan awards are indicated by an asterisk ().

2016 ¹	UVA	Matthew J. Barrett, MD, MSc, Jason Druzgal, MD, PhD, and Scott Sperling, PsyD “Nucleus Basalis of Meynert Degeneration in Parkinson Disease Cognition”
	VCU	Jennifer Inker, MBA, MS, Tracey Gendron, PhD, and J. James Cotter, PhD* “Use of Antipsychotic Medications by Residents with Dementia in Assisted Living Facilities”
	College of William and Mary	Oliver Kerscher, PhD and Munira Basrai, PhD* “STUblL-dependent clearance of transcriptionally-active, aggregate-prone proteins from the nucleus”
	VCU	Rory McQuiston, PhD* “AAV-Induced Tau Pathophysiology in Interneurons of the Mouse Hippocampus”
	UVA	Andrés Norambuena, PhD* “Amyloid Beta Peptides, Nutrient Signaling and Mitochondria Dysfunction: An Unholy Triad in Alzheimer’s Disease”
	Virginia Tech	Jyoti S. Savla, PhD, Karen A. Roberto, PhD, and Rosemary Blieszner, PhD* “Families in Rural Appalachia Caring for Older Relatives with Dementia”
	Christopher Newport University	Lisa S. Webb, PhD and Darlene A. Mitrano, PhD “Comparative Biochemical and Behavioral Analysis of the 3xTg-AD Mouse Model of Alzheimer's Disease”

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