Alzheimer's Disease Program
Past Award Recipients 1985-2007

Carol S. Aneshensel, Ph.D.
University of California, Los Angeles
Long-term impact of family caregiving

Matthew A. Battista, Ph.D.
University of California, San Francisco/Fresno
Analysis of Caregiver-report in dementia: Focus on caregiver-clinician discrepancy

D. Frank Benson, M.D.
University of California, Los Angeles
Clinical Profiles in Dementia

William Bondareff, Ph.D., M.D.
University of Southern California
Distribution of amyloid in senile plaques in Alzheimer's disease

Susan Y. Bookheimer, Ph.D.
University of California, Los Angeles
Cognitive stress test for early detection of Alzheimer's disease

Dale E. Bredesen, Ph.D.
La Jolla Cancer Research Foundation
The role of the p75 death domain in Alzheimer's disease

Edith Carlisle, Ph.D.
University of California, Los Angeles
Mineral element inter-relationships in Alzheimer's disease

Fen-Lei Chang, M.D.
University of California, San Francisco
Variation of neuropathology along the longitudinal axis of the hippocampus associated with the progression of Alzheimer's disease

Loring Chapman, Ph.D.
University of California, Davis
Possible etiological (airborne aluminum) and therapeutic (intranasal NGF) strategies in Alzheimer's disease

Gregory M. Cole, Ph.D.
University of California, San Diego
Amyloid B-protein precursor metabolism in brain and in vitro

Gregory M. Cole, Ph.D.
University of California, San Diego / Los Angeles
Metabolism of amyloid precursor in brain and in culture

Malcolm B. Dick, Ph.D.
University of California, Irvine
Development of a cross-cultural neuropsychological assessment battery for Alzheimer's disease
Robert H. Edwards, M.D.
University of California, Los Angeles
The transport of acetylcholine into synaptic vesicles

Lynn Friss Feinberg, M.S.W.
Family Caregiver Alliance (formerly Family Survival Project)
Away from home: A study of pre- and post-placement family caregiving for individuals with Alzheimer's disease and related disorders

Lynn Friss Feinberg, M.S.W.
Family Caregiver Alliance
Family caregivers and consumer choice: Options for in-home respite care

Stuart C. Feinstein, Ph.D.
University of California, Santa Barbara
Nerve growth factor signal transduction: "Slow" receptor purification and cloning

Stuart C. Feinstein, Ph.D.
University of California, Santa Barbara
Alzheimer's disease and post translation modification: Complementary utilization of an in vitro biochemical assay and a potential cell culture model to assess tau function and dysfunction

Stuart C. Feinstein, Ph.D.
University of California, Santa Barbara
Tau isoform expression in single cells: The Alzheimer's disease milieu

L. Jaime Fitten, M.D.
Friends Medical Science Research Center
Direct and laboratory evaluation of driving skills of Alzheimer's disease and related disorders patients

L. Jaime Fitten, M.D.
Sepulveda Veteran's Affairs Medical Center
A retrospective study of the driving histories of early dementia subjects with demonstrated impairment on the Sepulveda Road Test

Patrick Fox, Ph.D.
University of California, San Francisco
Comparison of rate of progression of Alzheimer's disease in subjects with early and late age of onset

Patrick Fox, Ph.D.
University of California, San Francisco
Health care costs in the last year of life: Does the type of dementia make a difference?

Sally A. Frautschy, Ph.D.
University of California, Los Angeles
Amyloid beta-protein catabolism in vitro and in vivo: The pathological mechanisms of sporadic Alzheimer's disease

Fred H. Gage, Ph.D.
University of California, San Diego
Behavioral, physiological and anatomical investigations of neural transplants into the brains of aged rats
Delores Gallagher-Thompson, Ph.D.
Palo Alto Veterans Medical Center
Mexican-American Alzheimer’s victims and their families:
Development of a psycho-educational treatment program

David L. Glanzman, Ph.D.
University of California, Los Angeles
Long-term potentiation: Cellular mechanisms and role in learning and memory

George G. Glenner, M.D.
University of California, San Diego
Alzheimer’s disease: Development of diagnostic tests and therapeutic approaches

Maria Luisa Gorno Tempini, M.D., Ph.D.
University of California, San Francisco
A longitudinal study of primary progressive aphasia

Franz F. Hefti, Ph.D.
University of Southern California
Brain-derived neurotrophic factor (BDNF) in Alzheimer’s disease

David M. Holtzman, M.D.
University of California, San Francisco
Exploring the role of /A4-amyloid in neurodegeneration with transgenic and Trisomy 16 mice

Karen Hsiao, M.D., Ph.D.
University of California, San Francisco
Characterization of PrP in inherited prion diseases

J. Edward Jackson, M.D.
University of California, San Diego
Risk factors for development of Alzheimer’s disease: A pilot study in recruitment of cognitively normal spouse controls from the California Alzheimer’s Disease Diagnostic and Treatment Centers (ADDTC)

William Jagust, M.D. and David Lindeman, Ph.D.
University of California, Davis
Cost-differentials of specialized versus non-specialized long-term care facilities for dementia patients

William Jagust, M.D. and Bruce Reed, Ph.D.
University of California, Davis
Bradyphrenia and anosognosia in Alzheimer’s disease and multi-infarct dementia

William Jagust, M.D.
University of California, Davis
Brain imaging in at-risk individuals

Terry L. Jernigan, Ph.D.
Veteran’s Medical Research Foundation
Clinical fMRI for diagnosis and treatment of AD. Paradigms for bilingual and low-income education groups
Julene K. Johnson, Ph.D.
University of California, San Francisco
California Non-Alzheimer's Disease Diagnostic Reliability Consortium

Bryan Kemp, Ph.D.
Los Amigos Research and Education Institute
Role of dysfunctional beliefs in caregiver stress

Jeffrey S. Kixmiller, Ph.D.
East Bay Institute for Research and Education (EBIRE)
Evaluation of prospective memory training efficacy in individuals with mild Alzheimer’s disease

Bob Knight, Ph.D.
University of Southern California
Reducing caregiver stress; physical and emotional effects

P.D. Kushner, Ph.D.
Pacific Presbyterian Medical Foundation
A search for a cell marker in Alzheimer's disease neurons

P.D. Kushner, Ph.D
Pacific Presbyterian Medical Foundation
Purification and characterization of the human neuronal Tor 23 antigen

Frank M. LaFerla, Ph.D.
University of California, Irvine
Investigations into the neurotropic herpes simplex virus-type I as a cofactor in Alzheimer’s disease

Ratneshwar Lal, Ph.D.
University of California, Santa Barbara
Amyloid beta protein ion-channel provides a direct mechanism for Alzheimer's disease

Ratneshwar Lal, Ph.D.
University of California, Santa Barbara
Imaging molecular structure and ligand-induced conformations of ion-channels formed by amyloid beta protein in a physiological environment

Ratneshwar Lal, Ph.D.
University of California, Santa Barbara
Multimodal imaging of real-time amyloid beta protein-neurotoxicity and underlying mechanisms in cells

Kuo-Fen Lee, M.D.
The Salk Institute for Biological Studies
Cre recombinase-mediated targeted deletion of the NGF gene in adult mouse hippocampus

John Lew, Ph.D
University of California, Santa Barbara
Role of Cdk5 in Alzheimer’s Disease: Substrate specificity and cellular targets
Morton Lieberman, Ph.D.
University of California, San Francisco
Family decisions to institutionalize Alzheimer patients

Morton A. Lieberman, Ph.D.
University of California, San Francisco
Impact of Alzheimer’s disease on intergenerational families

Michael E. Mahler, M.D.
University of California, Los Angeles
Treatment of agitation in Alzheimer's disease: A comparison of haloperidol and trazodone

Nigel T. Maidment, Ph.D. and Larry T. Feldman, Ph.D.
University of California, Los Angeles
Development of a gene therapy approach to Alzheimer’s disease

Eliezer Masliah, M.D.
University of California, San Diego
Role of amyloid precursor protein in the synaptic of the neocortex in transgenic mouse models

Steven S. Matsuyama, Ph.D.
Western Geriatric Research Institute
Diagnosis of Alzheimer's disease: Continuation of a follow-up study

Steven S. Matsuyama, Ph.D.
Western Geriatric Research Institute
Positron emission tomography (PET) correlates of cognitive decline in Alzheimer's relatives

M.P. McKinley, Ph.D.
University of California, San Francisco
Developmental biology of brain degeneration and dementia

Bruce Miller, M.D.
University of California, San Francisco
The California Research Consortium for the study of frontotemporal dementia Consortium Award

Bruce L. Miller, M.D.
Harbor-UCLA Medical Center
Choline, NMR spectoscopy and Alzheimer's disease

Bruce Miller, M.D.
Harbor-UCLA Medical Center
Ethrocyte choline metabolism in Alzheimer's disease

Bruce Miller, M.D.
University of California, San Francisco
The California Research Consortium for the study of frontotemporal dementia Consortium Award

Carol Miller, M.D.
University of Southern California
Post-synaptic terminal -mRNA and protein expression in early Alzheimer's disease
Josh W. Miller, Ph.D.  
University of California, Davis  
*Vitamin B6, Alzheimer's disease, and cognitive function in older adults*

Linda Mitteness, Ph.D.  
University of California, San Francisco  
*Safety of demented people: Evaluation by family caregivers and professionals*

William C. Mobley, M.D., Ph.D.  
Stanford University  
*Genetic basis for failed NGF signaling in mouse models of Down syndrome*

William C. Mobley, M.D., Ph.D.  
University of California, San Francisco  
*Producing CNS cell lines to study neurodegeneration in Alzheimer's disease*

William C. Mobley, M.D., Ph.D.  
Stanford University  
*A mouse model for studying NGF-signaling defect in Alzheimer's disease and Down syndrome*

Deborah J. Moritz, Ph.D.  
University of California, San Francisco  
*Progression of Alzheimer's disease: An epidemiologic pilot study*

Laura Mosqueda, M.D.  
University of California, Irvine  
*Abuse of elders with dementia: Toward a model of prediction*

Greer M. Murphy, Jr., M.D., Ph.D.  
Stanford University  
*Genome-wide expression analysis of Alzheimer's disease model transgenic mice after dietary manipulation*

Tsutomu Nakada, M.D.  
University of California, Davis  
*Membrane phospholipid profile of Alzheimer's brain*

Rachael Neve, Ph.D.  
University of California, Irvine  
*Role of amyloid protein precursor in Alzheimer's disease neurodegeneration*

Celia J. Orona, Ph.D.  
San Jose State University  
*Alzheimer's disease, Latino caregivers and the social construction of moral obligation*

William M. Pardridge, M.D.  
University of California, Los Angeles  
*Alzheimer's disease and human brain capillary biochemistry*

William M. Pardridge, M.D.  
University of California, Los Angeles  
*Metabolism of amyloid peptide precursor by cortical microvessels isolated from Alzheimer's disease brain*
William M. Pardridge, M.D.
University of California, Los Angeles
Imaging Alzheimer's disease brain amyloid

Lynn S. Perlmutter, Ph.D.
University of Southern California
Microangiopathy and Alzheimer's disease

Jane S. Paulsen, Ph.D.
University of California, San Diego
The association between extrapyramidal and cognitive deficits in Alzheimer's disease

Robert I. Pfeffer, M.D.
University of California, Irvine
Early SDAT: Predicting change and preventable complications

Christian J. Pike, Ph.D.
University of California, Irvine
Estrogen neuroprotection: Cellular, pathological, and behavioral correlates in Alzheimer's disease and the canine model of age-related dementia

Stanley Prusiner, M.D.
University of California, San Francisco
[Recipient of the 1997 Nobel Prize in Physiology or Medicine]
Molecular biology of brain degeneration and dementia

Jon Pynoos, Ph.D.
University of Southern California
Alzheimer's home assessment project

Joe W. Ramsdell, M.D.
University of California, San Diego
Evaluating the home environment of the Alzheimer's patients

Charles E. Ribak, Ph.D.
University of California, Irvine
An in vitro model for the production of neurofibrillary tangles in cortical pyramidal cells

John M. Ringman, M.D.
University of California, Los Angeles
Behavioral and biochemical correlates of presenilin-1 related Alzheimer's disease

Jeffrey A. Roberts, D.V.M.
University of California, Davis
Functional and anatomical imaging analysis of the primate central nervous system

William Rodman Shankle, M.S., M.D.
University of California, Irvine
Use of magnetic resonance imaging to measure regional cerebral flow: Comparison with SPECT measures
Howard Rosen, M.D.
University of California, San Francisco
Emotional learning in Alzheimer’s disease, mild cognitive impairment, frontotemporal dementia and semantic dementia

Michael Russell, Ph.D.
University of California, Davis
Spontaneous model of early amyloid plaque formation

Alfredo A. Sadun, M.D., Ph.D.
University of Southern California
The visual system in Alzheimer’s disease

Tsunao Saitoh, Ph.D.
University of California, San Diego
Protein phosphorylation in Alzheimer’s fibroblasts

Catherine Schaefer, Ph.D.
Kaiser Foundation Research Institute
An epidemiological study of risk factors for Alzheimer’s disease

Barnett A. Schlinger, Ph.D.
University of California, Los Angeles
A model for estrogen effects on memory loss

Eric M. Shooter, Ph.D.
Stanford University
Structure/function analysis of the nerve growth factor receptor

Eric M. Shooter, Ph.D.
Stanford University
Nerve growth factor and neuronal survival

Eric M. Shooter, Ph.D.
Stanford University
Understanding how nerve growth factor keeps nerve cells alive

Gary W. Small, M.D.
University of California, Los Angeles
Positron emission tomography in people at risk for familial Alzheimer’s disease

Eugene Sobel, Ph.D.
University of Southern California
Occupations with electromagnetic field exposure: A possible risk factor for Alzheimer’s disease

Palmer W. Taylor, Ph.D.
University of California, San Diego
Molecular control of acetylcholinesterase gene transcription

Bruce Teter, Ph.D.
Sepulveda Research Corporation
Role of ERK in apoE isotype-dependent neuroplasticity
Leon J. Thal, M.D.
University of California, San Diego
Amyloid beta protein precursor in CSF in Alzheimer's disease: A potential marker

Paola S. Timiras, Ph.D.
University of California, Berkeley
In vitro model for Alzheimer's disease: Metabolic studies of tau proteins

Jared R. Tinklenberg, M.D.
Stanford University
Amyloid gene expression in Alzheimer's disease

Ian S. Trowbridge, Ph.D.
The Salk Institute for Biological Research
Cellular trafficking of B-Amyloid precursor protein

Mark H. Tuszynski, Ph.D., M.D.
University of California, San Diego
Therapeutic effects of BDNF Lentiviral gene delivery in the entorhinal cortex

J. Ramon Valle, Ph.D.
San Diego State University
Hispanic elderly neuropsychological study

Vijaya K. Vijayan, Ph.D.
University of California, Davis
Significance of a unique non-neuronal cell clustering in the brain in Alzheimer's disease

Philip R. Vulliet, Ph.D., D.V.M.
University of California, Davis
Cellular mechanisms controlling formation of neurofibrillary tangles

P.A. Walicke, M.D., Ph.D.
University of California, San Diego
Fibroblast growth factor as a new neurotrophic factor

Joseph B. Watson, Ph.D.
University of California, Los Angeles
Age-dependent synaptic targets of oxidative stress

Kirk C. Wilhelmsen, M.D., Ph.D.
Ernest Gallo Clinic and Research Center
The Alzheimer's Research Centers of California Genetics Initiative Consortium Award

Candace Wilkenson, Ph.D.
Southern California Research Institute
Detecting early signs of impaired driving skills in Alzheimer's disease patients

Tony Wyss-Coray, Ph.D.
The J. David Gladstone Institutes
In vivo role of protease nexin-1 in Alzheimer's disease
Xiao Xu, M.D., Ph.D.
The J. David Gladstone Institutes

Role of molecular interaction between amyloid precursor protein (APP) and p53 regulation in neuronal apoptotic degeneration