

**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. Bredezen, 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 1 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 spectroscopy 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 S. 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

Tsuanao 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.

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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