



WASHINGTON UNIVERSITY IN ST. LOUIS

School of Medicine

Department of Neurology and
Neurological Surgery

Neurology
Alzheimer's Disease Research Center (ADRC)

PLEASE POST

**ALZHEIMER'S DISEASE RESEARCH CENTER
Tuesday Conference Schedule
12:00 – 1:00 PM**

January 4
*East Pavilion Auditorium

“Tau Splicing in Neurodegeneration”
Dr. Jane Wu
Department of Pediatrics/Division of Genetics

January 11

CANCELLED

January 18
*Schwarz Auditorium

“Caregiving Self-Efficacy: Strategies for Assessment and Intervention”
Ann Steffen, Ph.D.
Department of Psychology
University of Missouri, St. Louis

January 25
*Schwarz Auditorium

“Suicide Trends in Older Men: Cross-Country Comparisons”
James Demetriou, B.S.
Saint Louis University School of Medicine
(Mentor: Robin Eastwood, M.D.)
Department of Psychiatry

PLEASE NOTE CHANGE IN LOCATION

PHYSICIAN CME CREDIT NOW OFFERED

ACCREDITATION

Washington University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Washington University takes responsibility for the content, quality, and scientific integrity of this CME activity.

ADRC
Washington University School of Medicine
4488 Forest Park Avenue, Suite 130
St. Louis, MO 63108-2293
(314) 286-2881 • FAX: (314) 286-2763
Email: adrc@neuro.wustl.edu

Washington University designates this educational activity for a maximum of 1.0 hours in Category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

ADRC Tuesday Conference Presentation
12:00 – 1:00 PM

December 28 **CANCELLED—HAPPY HOLIDAYS!!**

January 4

*East Pavilion Auditorium

“Tau Splicing in Neurodegeneration”

Dr. Jane Wu

Department of Pediatrics/Division of Genetics

Save for next year’s round, (prob. Dec 98 for Jan 99) a lot of typing won’t have to be done again. Next year in 1999.

**Washington University’s Alzheimer’s Disease Research Center
Richard and Mildred Poletsky Education Fund**

The **Richard and Mildred Poletsky Education Fund** was initiated in 1995 by the family of Mr. Richard Poletsky, a native of St. Louis and alumnus of Washington University. Licensed as an electrical engineer in civil service, Mr. Poletsky and his family were dedicated to advancing our understanding of Alzheimer’s disease and promoting the care of Alzheimer’s patients and their families.

An annual contribution is made by the Poletsky family to encourage outstanding students to pursue careers in dementia care and/or research. Students should already have a bachelor degree and be actively enrolled in a professional training program. Postdoctoral trainees are eligible. This unrestricted award is made to supplement student funds, thus enabling the student greater access to educational opportunities. For example, students may use their award for travel to a professional conference on subjects related to dementia, to purchase laboratory materials for their research, to purchase books or journals, or to supplement their stipend.

Nominations from faculty mentors should be made by letter to the ADRC, accompanied by the candidate’s curriculum vitae and a one-page, single-spaced description of how they plan to use their award to further their training. Candidates will be reviewed for promise and interest in AD research and/or care. One year following the award, recipients will submit a letter (maximum of two single spaced pages) to the ADRC describing how the award facilitated their career training. These letters will be shared with the Poletsky family.

Deadline for receipt of application is: July 15, 1999.

Awards from the fund will be made in varying amounts up to \$1,000 as judged appropriate. Awards will be announced on **August 1, 1999**. Send applications to Dr. Virginia D. Buckles, Neurology - ADRC, Campus Box 8111 (286-2881).

SAVE FOR NEXT YEAR OR ----1999****PROJECTS

Alzheimer's Disease Research Disease Center
1998 Call for Research Project (R01-type) Applications

The Washington University Alzheimer's Disease Research Center (ADRC) promotes and funds research on behavioral and/or biomedical correlates of healthy aging, and dementia, as well as their neurobiology. In addition to behavioral/social studies, appropriate topics include neuronal susceptibility, degeneration, repair and death; Alzheimer's disease and other dementing neurodegenerative diseases; Down syndrome; and mechanisms of relevant genetic susceptibility. Research from any University department or division may be supported if the topic is clearly related to dementia and/or aging of the nervous system. More distantly related work, such as certain developmental neurobiology, will be considered if clear justification can be made for Center support. **The principal investigator must be a Washington University faculty member.** The ADRC encourages Washington University faculty with related research interest to propose a five-year independent investigator (R01-type) project to be included in the upcoming 5-year competitive ADRC renewal. We anticipate inclusion of four projects with an average maximum annual direct cost budget of \$130,000 to \$140,000 each.

The ADRC currently consists of six cores, or research support activities, as well as the funded research projects and pilots. The cores include:

- | | |
|-------------------------------------|------------------------------------|
| 1) Administration | 5) Biostatistics |
| 2) Clinical | 6) Research Training & Information |
| 3) Psychometric | Transfer (TITC, Education Core) |
| 4) Neuropathology & Tissue Resource | |

The purpose of these cores is to provide subjects or research material, as well as research development support, to independent investigators within the University community. For example, the Clinical Core provides both normal and demented elderly subjects who are well characterized. Biological samples/data from well-studied subjects are available, including brain tissue, blood/serum, APOE genotype, and CSF. Interactions with any or all cores are encouraged, but proposals should not be limited by the core services currently available.

Examples of previously funded projects include:

1. Cellular biology of ApoE clearance receptor in CNS
2. Gene expression and neuron vulnerability in neurodegenerative disease
3. Molecular genetics of dementia
4. Molecular mechanism of naturally occurring neuronal death
5. Glutamate receptors and memory
6. Excitatory transmitters and Alzheimer's disease
7. Long term potentiation and excitatory aminoacids
8. The biochemistry of dopamine in Alzheimer's disease
9. Studies of visual dysfunction in SDAT
10. A prospective study of predictors of dementia and mortality in a general population sample of elderly subjects
11. Community attitudes regarding Alzheimer's disease
12. Choline acetyltransferase gene: Isolation and analysis
13. Cholinergic defects in senile dementia
14. Afferent inputs to magnocellular nuclei of basal forebrain
15. Central cholinergic neurons and nerve growth factor
16. Viruses as a tool for study of nervous system

Proposals are subject to competitive peer view. If your proposal will make use of any ADRC resource (e.g., brain tissue, ADRC subjects, statistical support) please be certain to acquaint yourself with the "Guidelines & Policies for Investigators Conducting Research within the ADRC" and consult appropriate core leaders. (A copy of the "Guidelines" is available from the ADRC office at 286-2881.)

A letter of intent to apply, along with a **PROPOSAL ABSTRACT (not to exceed one page) and SPECIFIC AIMS (not to exceed two pages), and your biosketch or CV must be received in the ADRC office no later than Thursday, OCTOBER 15th**. Please be sure to include a title for your project (not to exceed 56 characters including spaces), your campus and email address, and phone number. Projects to be included in the Center renewal will be selected on the basis of scientific excellence, programmatic issues, and budgetary constraints.

Selected projects will be incorporated into the ADRC 5-year competitive renewal application to NIA for an anticipated start date of May 1, 2000. PIs of promising projects will be asked to give a brief presentation for final selection determination in early December 1998. A more complete proposal from selected projects will be due February 1st, 1999.

Deadline: Oct 15, 1998 for:
LETTER OF INTENT to apply,

PROPOSAL ABSTRACT (not to exceed one page),
SPECIFIC AIMS (not to exceed two pages), and **biosketch/CV**

Contact: DR. VIRGINIA D. BUCKLES, 286-2881, Campus Box 8111-ADRC
adrc@neuro.wustl.edu [be sure to add subject header "ADRC Call" to email]).

Alzheimer's Disease Research Disease Center

Call for Pilot Research Grant Applications

The Washington University Alzheimer's Disease Research Center (ADRC) promotes and funds research on behavioral and/or biomedical correlates of healthy aging, and dementia, as well as their neurobiology. In addition to behavioral/social studies, appropriate topics include neuronal susceptibility, degeneration, repair and death; Alzheimer's disease and other dementing neurodegenerative diseases; Down syndrome; and mechanisms of relevant genetic susceptibility. Research from any University department or division may be supported if the topic is clearly related to dementia and/or aging of the nervous system. More distantly related work, such as certain developmental neurobiology, will be considered if clear justification can be made for Center support. Please call Dr. Virginia Buckles at 286-2881 with ideas and/or questions, as we may be able to assist you with appropriate justification. **The principal investigator must be a Washington University faculty or academic staff member.** The ADRC encourages Washington University faculty with related research interest to propose one-year pilot or feasibility projects.

The ADRC currently consists of five cores, or research support activities, as well as the funded research projects and pilots. The cores include:

- | | |
|-------------------------------------|------------------------------------|
| 1) Administration | 4) Biostatistics |
| 2) Clinical | 5) Research Training & information |
| 3) Neuropathology & Tissue Resource | Transfer (TITC, Education Core) |

The purpose of these cores are to provide subjects or research material, as well as research development support, to independent investigators within the University community. For example, the Clinical Core provides both normal and demented elderly subjects who are well characterized. Biological samples from well studied subjects are available, including brain tissue, blood/serum and CSF. Interactions with any or all cores are encouraged, but proposals should not be limited by the core services currently available.

Proposals are subject to competitive peer view. If your proposal will make use of any ADRC resource (e.g., brain tissue, ADRC subjects, statistical support) please be certain to acquaint yourself with the "Guidelines & Policies for investigators Conducting Research Within the ADRC" and consult appropriate core leaders. (A copy of the "Guidelines" is available from the ADRC office at 286-2881.)

In order for us to facilitate the review process, we must have a letter of intent to apply along with a **PROPOSAL TITLE** (maximum 56 characters) & **ABSTRACT in the ADRC office no later than Monday, NOVEMBER 8th. FIVE COMPLETE COPIES OF YOUR PROPOSAL must be received no later than Monday, NOVEMBER 22nd 1999.**

All pilots are funded for one year at an anticipated maximum of \$25,000 direct costs. Ordinarily, pilot funds may not be used to purchase equipment or used solely for salary support of one individual. If you are requesting equipment in your pilot application, you must discuss this with Dr. Buckles before submitting your application.

A major goal of pilot funding is to encourage new investigators, either junior investigators or more established investigators not currently doing Alzheimer or aging research in this area. Investigators previously funded through the ADRC are not eligible unless the pilot or feasibility study represents a major departure from earlier work.

Submissions should be made following the PHS 398 application format and must be complete including abstract, budget page and justification, other support, biosketch, etc. The specific aim, background and significance, preliminary studies and experimental design and methods sections CANNOT exceed TEN pages total. Please be sure to provide a title (maximum 56 characters & spaces) for your proposal and DO NOT EXCEED PAGE LIMITATIONS. Copies of complete PHS 398 (revised 4/98) packets may be obtained from your business office, the Research Office (747-0925) or by calling Rahul Parikh in the ADRC office (286-2438). Appropriate IRB review is required.

DEADLINE for Abstract and letter of intent: November 8th, proposal due November 22nd, 1999.

Anticipated ADRC decision by January 31, 2000, NIA funding expected to begin April 1, 2000.

PLEASE ADDRESS PROPOSALS AND ANY QUESTIONS REGARDING THIS CALL FOR PROPOSALS TO Dr. Virginia Buckles (286-2881); Campus Box 8111-ADRC).
