

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Silbert, Lisa C.		Assistant Professor of Neurology	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
UCLA, Los Angeles, CA	B.S.	May 1992	Psychobiology
Indiana University School of Medicine, Indianapolis, IN.	M.D.	May 1996	Medicine
Indiana University/Methodist Hospital, Indianapolis, IN.	Internship	July 1996- June 1997	Internship
UCLA, L.A., CA.		July 1997- June 2000	Residency in Neurology
Clinical Electrophysiology, and Geriatric Neurology, OHSU, Portland, OR		August 2000- July 2003	Fellowships

A. EMPLOYMENT

- 1991-1992 Research Assistant to Dr. Jackson Beatty, a behavioral neuroscientist in the psychology department at the University of California, Los Angeles. Involved in research project examining the diagnosis of Alzheimer's disease from T2-weighted images obtained from Magnetic Resonance Imaging, University of California, Los Angeles.
- May, 2000 Visiting Research Assistant: National Hospital for Neurology and Neurosurgery, Queen Square, London.
- 2000-2002 Senior Instructor of Neurology, Oregon Health & Science University, Portland, Oregon, Chairman Dennis Bourdette, M.D.
- 2000-present Neurologist, Portland Veteran's Administration Hospital, Portland, Oregon, Department Head Ruth Whitham, M.D.
- 2002-present Consulting Neurologist, University of California, San Diego-University of Guam Lytico-Bodig Research Consortium, Mangilao, Guam, P.I. Douglas Galasko, M.D.
- 2002-present Assistant Professor of Neurology, Oregon Health & Science University, Portland, Oregon, Chairman Dennis Bourdette, M.D.

B. HONORS

- 1987 Psi Chi, the National Honor Society in Psychology. University of California, Los Angeles.
- 1988 Alpha Lambda Delta; National freshman honors society belonging to the Association of College Honor Societies.

C. PROFESSIONAL SOCIETIES

1992-1998	American Medical Association, Student member
1999-present	American Academy of Neurology (AAN), member
2001-present	AAN Clinical Neurophysiology Section, member
2001-present	AAN Geriatric Neurology Section, member
2003-present	American Association of Electrodiagnostic Medicine, member

D. PUBLICATIONS

Original Research - Manuscripts

Silbert LC, Durocher A., and Biller J. The “S” in MELAS. *Journal of Stroke and Cerebrovascular Diseases* 1996; volume 6, number 2: 67-71.

Montine TJ, Quinn JF., Milatovic D., Silbert LC., Dang T., Sanchez S., Terry E., Roberts LJ 2nd., Kaye JA., Morrow JD. Peripheral F2-isoprostanes and F4-neuroprostanes are not increased in Alzheimer's disease. *Annals of Neurology*. 52(2):175-9, 2002 Aug.

DB Howieson, PhD, R Camicioli, MD, J Quinn, MD, LC Silbert, MD, B Care, MM Moore, A Dame, G Sexton, PhD, JA Kaye, MD. Natural History of Cognitive Decline in the Old Old. *Neurology*. 60:1489-1494, 2003 May.

Silbert LC, Quinn JF., Moore MM., Corbridge E., Ball MJ., Murdoch, G., Sexton, G., Kaye, JA. Changes in Premorbid Brain Volume Predict Alzheimer's disease Pathology. *Neurology*. 61(4): 487-492, 2003 August.

Original Research – Abstracts

Silbert, L., Ball, M., Quinn, J., Moore, M., Corbridge, E., Kaye, J., *Changes in Premorbid Brain Volume Predicts Neurofibrillary Tangle and Neuritic Plaque Burden in People with a Wide Range of Cognitive Function*. *Neurology* 56 (suppl.3); A296, 2001.

Silbert, L., Sexton, G., Moore, M., Payami, H., Quinn, J., Howieson, D., Kaye, J. *Brain Reserve and the Incidence of Cognitive Impairment as measured by Head Circumference and Intracranial Volume: A Head to Head Comparison*. *Neurobiology of Aging* 23 (S295); 1101, 2002.

Silbert, L., Moore, M., Zitzelberger, T., Siemsen, G., Oken, B, Kaye, J. *Increased Frontal Periventricular White Matter Hyperintensity Volume is Associated with Gait Performance in Nondemented Elderly*. *Neurology* 60 (suppl.1); A115, 2003.

Galasko, D., Salmon, D., Olichney, J., Craig U., Kaye, J., Silbert, L., Thal, L. *Diverse Types of Pathology Underlie Dementia in Older Chamorros*. *Neurology* 60 (suppl.1); 2003.

Quinn, J., Silbert, L., Kulhanek, D., Dang, T., Moore, M., Kaye, J. *Plasma Beta Amyloid 1-42 Is Stable over 8 weeks in Alzheimer's Patients Initiated Donepezil*. *Neurology* 60 (suppl.1); 2003.

Kaye, J., Moore, M., Dame, A., Howieson, D., Quinn, J., Silbert, L., Zitzelburger, T., Friedman, D. *Distinguishing Features of the Oldest Old with Elite Memory* . *Neurology* 60 (suppl.1); 2003.

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Principal Investigator/Program Director (Last, first, middle): Silbert, Lisa C.

Silbert, L, Jolman, S. Eaton, R., Sexton, G., Oken, B., Lou, J-S, Kaye, J. *Age-Related Subcortical White Matter Change is Associated with Increased Cortical Excitability – A TMS Study*. *Neurology* 62 (suppl. 5), 2004.

Kaye, J., Moore, M, Galasko, D., Craig, U., Adonay, R., Silbert, L. *Family History of Mariana's Dementia (MD) or Parkinsonism-Dementia Complex (PDC) is Associated with Differences in Brain Volume Among Chamorro Adults*. *Neurology* 62 (suppl. 5), 2004.

Erten-Lyons, D., Moore, M., Howieson, D., Quinn, J., Silbert, L., Kaye, J. *Rates of Brain Volume Loss Prior to Diagnosis Identify MCI Patients Who are destined to Develop Dementia*. *Neurology* 62 (suppl. 5), 2004.

Kaye, J., Paul, S., Adak, S., Gorman, W., Zimmerman, E., Moore, M., Silbert, L. *High Signal Intensity Volume Predicts the Time to Dementia Among Normal Aging and Early Cognitive Impairment*. *Neurology* 62 (suppl. 5), 2004.

E. Research Support

Ongoing Research Support

American Academy of Neurology Foundation Silbert (PI) 07/01/04 - 07/01/06
Clinical Research Training Fellowship

Major Goals: The goal of this two-year fellowship is to support clinical research training in the neurosciences, providing partial funding for salary support and formal education in patient-oriented clinical research. The major goals of the project are to investigate the role of nonspecific subcortical white matter change in disrupting CNS processing, as manifested by increased cortical excitability and poorer performance on tests of cognitive and motor function in the elderly.

Role: PI \$50,000/yr salary + \$7,000/yr education

OHSU General Clinical Research Center Silbert (PI) 12/01/03 – 11/30/04
Clinical Research Enhancement Funds Program (CREF)

Altered cortical excitability and CNS processing in the elderly with MRI subcortical white matter signal change.
Major Goals: This study aims to determine the effects of MRI WMH in disrupting CNS processing, resulting in slowed performance on tests of cognitive processing speed, in the oldest old. Furthermore, it aims to establish TMS- derived measures of cortical excitability as a marker of CNS processing efficiency by examining its relationship to WMH and psychometric tests of cognitive processing speed in the elderly population.

Role: PI \$20,000

Alzheimer's Association Silbert (PI) 02/01/03 – 12/31/03 (extended to 12/21/04)

Effects of White Matter change on Cognitive Processing in elderly at highest risk for dementia

Major Goals: To develop pilot data on the effects of MRI white matter change on cognitive processing speed in the Elderly using Transcranial Magnetic Stimulation

Role: PI \$25,000

Merit Review Grant Kaye (PI) 4/1/91 - 3/31/06

Veterans Affairs

Oregon Brain Aging Study

Major Goals: The major goal of the Oregon Brain Aging Study (OBAS) is to study the natural history of brain aging in the optimally healthy oldest old

Role: Co-Investigator

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Principal Investigator/Program Director (Last, first, middle): Silbert, Lisa C.

U01 AG10483 Thal (PI)

10/27/97 - 06/30/06

NIH/NIA ADCS (Subcontract to OHSU)

Major Goals: To investigate age related neurodegenerative diseases in Micronesia. In particular, this project aims to study the etiology and progression of dementia in the Chamorro Indian population of Guam. Project 3: Neuroimaging of Aging and Neurodegenerative Diseases on Guam: To establish whether regional brain volume changes assessed with MRI can distinguish among the major forms of dementia (Parkinsonism-Dementia Complex or Mariana dementia) likely to affect Chamorro people
Role: Consulting Neurologist

Role: Clinical Consultant