

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	
Gary J. Sexton		Associate Professor	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
California State University, Long Beach, CA	B.A.	1965	Mathematics
California State University, Long Beach, CA	M.A.	1972	Mathematics
Oregon State University, Corvallis, OR	M.S	1972	Statistics
Oregon State University, Corvallis, OR	Ph.D.	1975	Statistics

A. Positions

- 1975-78 Research Associate (postdoctoral trainee), Oregon State University, Corvallis, Oregon and the Oregon Health Sciences University, Portland, Oregon
- 1978-85 Research Associate, Departments of Medicine and Physiology, The Oregon Health Sciences University, Portland, Oregon
- 1981-85 Adjunct Graduate Faculty in the Department of Statistics, Oregon State University, Corvallis, Oregon
- 1985-95 Research Assistant Professor, Department of Medicine, Division of Endocrinology / Metabolism / Clinical Nutrition, The Oregon Health Sciences University, Portland, OR
- 1990-92 Assistant Professor, Department of Surgery, Oregon Health Sciences University
- 1992-present Associate Professor, Department of Surgery, Medicine (Division of Endocrinology / Metabolism / Nutrition), Public Health and Preventive Medicine, Oregon Health Sciences University
- 1993-present Graduate Faculty of the School of Medicine, Oregon Health Sciences University

B. Selected peer-reviewed publications

- Howieson DB, Kaye JA, Camicioli R, Oken BS, Sexton G. Evidence of Alzheimer's Disease at the Pre-symptomatic Stage in a Very Elderly Sample. *Journal of the International Neuropsychology Society*. 1: 161, 1995.
- Derrer DS, Howieson DB, Kaye JA, Camicioli R, Sexton G. Memory measures in mild dementia: predictions from logistic regression models. *Journal of the International Neuropsychology Society* 1: 145, 1995.
- Howieson DB, Kaye JA, Camicioli R, Oken BS, Sexton G. Evidence of Alzheimer's Disease at the Pre-symptomatic Stage in a Very Elderly Sample. *Journal of the International Neuropsychology Society* 1: 161, 1995.
- Payami H, Montee KR, Zarepari S, Sexton GJ, Kaye JA, Bird TD, Yu CE, Wijsman EM, Heston LL, Litt M, Schellenberg, GD. Gender difference in Apolipoprotein E-associated risk for familial Alzheimer disease: A possible clue to the higher incidence of Alzheimer disease in women. *American Journal of Human Genetics* 58:803-811, 1996.
- Payami H, Montee KR, Zarepari S, Sexton GJ, Kaye JA, Bird TD, Yu CE, Wijsman EM, Heston LL, Schellenberg, GD. Gender difference in Apolipoprotein E-associated risk for familial Alzheimer disease (AD): A clue to the higher incidence of AD in women. *Parkinson-Alzheimer Digest* 6:20 - 23, 1996.

- Howieson DB, Dame A, Camicioli R, Sexton G, Payami H, Kaye JA. Cognitive markers preceding Alzheimer's dementia in the healthy oldest old. *Journal of the American Geriatrics Society* 45: 584-589, 1997.
- Payami H, Grimslid H, Oken B, Camicioli R, Sexton G, Dame A, Howieson D, Kaye J. Aprospective study of cognitive health in elderly (Oregon Brain Aging Study): Effects of family history and apolipoprotein E genotype. *Am J Hum Genet* 60: 948-56, 1997.
- Howieson DB, Dame A, Camicioli R, Sexton G, Payami H, Kaye JA. Cognitive markers preceding Alzheimer's dementia in the healthy oldest old. *Journal of the American Geriatrics Society* 45: 584-589, 1997.
- Payami H, Grimslid H, Oken B, Camicioli R, Sexton G, Dame A, Howieson D, Kaye J. Aprospective study of cognitive health in elderly (Oregon Brain Aging Study): Effects of family history and apolipoprotein E genotype. *Am J Hum Gen.* 60: 948-956, 1997.
- Kaye J, Swihart T, Howieson D, Dame A, Moore MM, Kamos T, Camicioli R, Ball M, Oken B, Sexton G. Volume loss of the hippocampus and temporal lobe in healthy elderly destined to develop dementia. *Neurology*, 48: 1297-1134, 1997.
- Payami H, Schellenberg GD, Zarepari S, Kaye J, Sexton GJ, Head MA, Matsuyama SS, Jarvik LF, Miller B, McManus DQ, Bird TD, Katzman R, Heston L, Norman D, Small GW. Evidence for association of HLA-A2 allele with onset age of Alzheimer's disease. *Neurology*. 1997 Aug;49(2):512-8.
- Camicioli R, Howieson D, Oken B, Sexton G, Kaye J. Motor slowing Precedes Cognitive Impairment in the Oldest Old. *Neurology*. 50: 1496-1498. 1998.
- Mueller EA, Moore MM, Kerr DCR, Sexton G, Camicioli RM, Howieson DB, Quinn JF, Kaye JA. Healthy Elderly Up to the Eleventh Decade of Life Lose Minimal Brain Volume When Assessed Longitudinally. *Neurology*, 51(6): 1555-62, 1998.
- Camicioli R, Moore M, Sexton G, Howieson D, Kaye J. Age-related brain changes associated with motor function in the healthy elderly. *Am Geriat Soc*, 47:330-334, 1999.
- Kaye J, Dame A, Lehman S, Sexton G. Factors Associated With Brain Donation Among Optimally Healthy Elderly People. *Journal of Gerontology: Medical Sciences*, 1999, Vol. 54, No. 11, M560-M564.
- Hickman S, Howison D, Dame A, Sexton G, Kaye J. Longitudinal Analysis of the Effects of the Aging Process on Neuropsychological Test Performance in the Healthy Young Old and Oldest Old. *Developmental Neuropsychology*. 2000; 17(3): 323-37.
- Derrer DS, Howieson DB, Mueller EA, Camicioli R, Sexton G, Kaye JA. Memory Testing in Dementia: How Much is Enough? *J Geriatr Psychiatry Neurol*. 2001 Spring;14(1):1-6.
- Payami H, Lee N, Zarepari S, Gonzales McNeal M, Bird T, Camicioli R, Bird T, Sexton G, Gancher S, Kaye J, Calhoun D, Swanson PD, Nutt J. Parkinson=s disease, CYP2D6 polymorphisms, and age. *Neurology*, 2001; 56: 1363-70.
- Ball MJ, Mathews R, Steiner I, Hill JM, Wisner TH, Murdoch GH, Kohama S, Sexton G, Nagalla S. Latent HSV1Virus in Trigeminal Ganglia: the optimal site for linking prevention of Alzheimer=s disease to vaccination. *Mov Disord*. 2001 Mar;16(2):190-6.
- Marquis S, Moore M, Howieson D, Sexton G, Payami H, Kaye J, Camicioli R. Independent predictors of cognitive decline in the healthy elderly. *Archives of Neurology*. 2002;59:601-6.
- Zarepari S, Camicioli R, Sexton G, Bird t, Swanson P, Kaye J, Nutt J, et al. Age of Onset of Parkinson=s disease andApolipoprotein E genotypes. *American Journal of Medical Genetics*107:156-161 (2002)
- Howieson, DB, Camicioli, R, Quinn, J, Silbert, LC, Care, B, Moore, MM, Dame, A, Sexton, G, and Kaye, JA. Natural history of cognitive decline in the old old. *Neurology*, 2003, 60, 1489-1494.
- 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*. (In Press) 2003

C. Research Support

M01 RR00334 (Kohler) 12/01/99 - 11/30/04
NIH

General Clinical Research Center

The major goals of this project are to make available to medical scientists the resources which are necessary for the conduct of clinical research. The Center is intended to provide an environment for studies of normal and abnormal body function and for investigations of the cause, progression, prevention, control, and cure of human disease; to provide an optimal setting for controlled clinical investigations; to encourage collaboration among basic and clinical scientists; to serve as an environment for training other health professionals in clinical research; and to provide resources in which advances in basic scientific knowledge may be translated into new or improved methods for patient care.

P30 AG08017 (Kaye) 03/01/01 - 04/31/06
NIH NIA

Alzheimer's Disease Center

The major goals of this project are to supply shared research resources to facilitate research in Alzheimer's disease. This includes providing well-characterized patient and family information and supply tissue and biological samples in research projects.

Role: PI of Data Management Core

P30 CA69533 (Bagby) 08/01/00 - 05/31/05
NIH/ NCI

The Oregon Cancer Center

The major goals of this project are to supply shared research resources to facilitate research in Cancer.

R21 MH066214 (Lou) 3/01/02- 2/29/04
NIH/NIMH

Transcranial magnetic stimulation and neuromodulation

The overall goal of this project is to study the effects of magnetic resonance stimulation in Parkinson's disease.