



## Danielle Harvey, Ph.D.

<b>Clinical Interests</b>	Dr. Harvey's research interests fall in the statistical challenges of analyzing high-dimensional data, particularly neuroimaging data. Specific focus is the development of models and approaches that make use of the anatomy and underlying biology of disease processes. The majority of her collaborative research falls in the area of Alzheimer's disease and other neurodegenerative diseases and how neuroimaging can help identify individuals in the earliest stages of disease.
<b>Title</b>	Associate Professor, PhD
<b>Specialty</b>	Public Health Sciences- Division of Biostatistics
<b>Department</b>	<a href="#">Public Health Sciences</a>
<b>Division</b>	Public Health Sciences
<b>Address/Phone</b>	UC Davis School of Medicine - Medical Sciences 1C, Suite 145 Davis, CA 95616
<b>Education</b>	Ph.D., University of Chicago, Chicago, Illinois, 2001 B.A., Pomona College, Claremont, California, 1996
<b>Professional Memberships</b>	American Statistical Association International Biometric Society, Eastern North American Region Sigma Xi
<b>Honors and Awards</b>	GGE Teacher of the Year Award, awarded by the GGE students to the most outstanding faculty member of the year, 2006
<b>Select Recent Publications</b>	Tomaszewski Farias S, Chand V, Bonnici L, Baynes K, Harvey D, Mungas D, Simon C, Reed B. Idea density measured in late life predicts subsequent cognitive trajectories: implications for the measurement of cognitive reserve. <i>Journals of Gerontology Series B: Psychological Sciences and Social Sciences</i> 2012;67:677-686. Landau SM, Harvey D, Madison CM, Koeppe RA, Reiman EM, Foster NL, Weiner MW, Jagust WJ and the Alzheimer's Disease Neuroimaging Initiative. Associations between cognitive, functional, and FDG-PET measures of decline in AD and MCI. <i>Neurobiology of Aging</i> 2011;32:1207-1218. Landau SM, Harvey D, Madison CM, Reiman EM, Foster NL, Aisen PS, Petersen RC, Shaw LM, Trojanowski JQ, Jack Jr, CR, Weiner MW, Jagust WJ, and the Alzheimer's Disease Neuroimaging Initiative. Comparing predictors of conversion and decline in mild cognitive impairment. <i>Neurology</i> 2010;75:230-238.



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Mungas D, Beckett L, Harvey D, Tomaszewski Farias S, Reed B, Carmichael O, Olichney J, Miller J, DeCarli C. Heterogeneity of cognitive trajectories in diverse older persons. *Psychology and Aging* 2010; 25:606-619.

Beckett LA, Harvey DJ, Gamst A, Donohue M, Kornak J, Zhang H, Kuo JH; and the Alzheimer's Disease Neuroimaging Initiative. The Alzheimer's Disease Neuroimaging Initiative: Annual change in biomarkers and clinical outcomes. *Alzheimer's and Dementia* 2010;6:257-264.

Harvey DJ, Weng Q, Beckett LA. On an asymptotic distribution of dependent random variables on a 3-dimensional lattice. *Statistics and Probability Letters* 2010;80:1015-1021.

Tomaszewski Farias S, Mungas D, Reed BR, Harvey D, DeCarli C. Progression of mild cognitive impairment to dementia in clinic- versus community- based cohorts. *Archives of Neurology* 2009; 66:1151-1157.

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