

# Elizabeth A. Disbrow, M.S., Ph.D.

<b>Clinical Interests</b>	Dr. Disbrow's primary research interest is in the organization and function of higher-order somatosensory cortex. Additionally, in conjunction with colleagues, she has developed a model for functional magnetic resonance imaging (fMRI), magnetoencephalography (MEG) and diffusion-tensor imaging (DTI). Dr. Disbrow has begun comparing imaging results to data collected using invasive "gold standard" methods such as electrophysiological recording and neuroanatomical tracer injections. Further, she recently has begun to study higher-order somato-motor function in Parkinson's disease. Dr. Disbrow is using fMRI and MEG to measure cortical and subcortical responses to a task hierarchy designed to examine cognitive functions such as motor planning and inhibition, cognitive switching, and memory.
<b>Title</b>	Associate Adjunct Professor
<b>Specialty</b>	Neurology
<b>Department</b>	<a href="#">Neurology</a>
<b>Division</b>	Neurology
<b>Center/Program Affiliation</b>	<a href="#">Center for Neuroscience</a>
<b>Education</b>	Ph.D., UC Davis, Davis, California, 1996 M.S., California State University, Sacramento, Sacramento, California, 1990 B.S., UC Davis, Davis, California, 1988
<b>Professional Memberships</b>	Society for Neuroscience
<b>Select Recent Publications</b>	E. A. Disbrow, Hinkley, L. B. N., Roberts, T. P. L. Ipsilateral representation of oral structures in human anterior parietal somatosensory cortex and integration of inputs across the midline. <i>Journal of Comparative Neurology</i> 467(4): 487-495, 2003. E. Disbrow, Litinas, E., Recanzone, G.H., Padberg, J., Krubitzer, L. Cortical connections of the second somatosensory area and the parietal ventral area in macaque monkeys. <i>Journal of Comparative Neurology</i> 462:382-399, 2003. L. Krubitzer, Huffman, K. J., Disbrow, E., Recanzone, G. The organization of area 3a in macaque monkeys: Contributions to the cortical phenotype. <i>Journal of Comparative Neurology</i> , 471(1): 97-111, 2003. E.A. Disbrow, Litinas, E., Recanzone, G.H., Slutsky, E., Krubitzed, L. Thalamocortical connections

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