



## Want to do more?

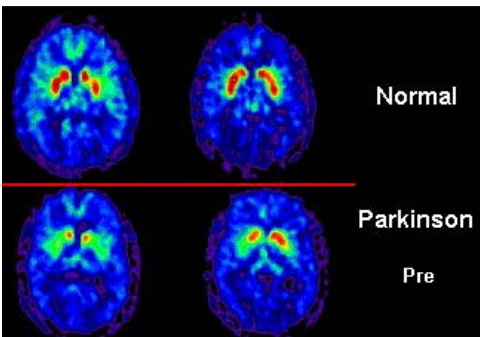
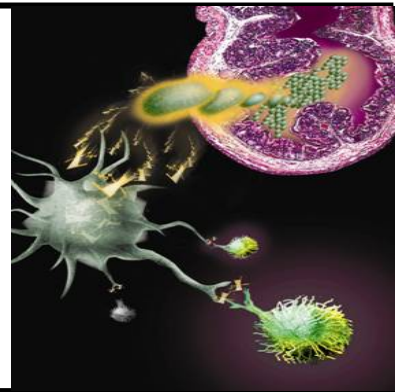
We have many opportunities for our research volunteers to participate in affiliated studies that are moving the field ahead. Take a look below and see if you find an opportunity that is right for you.

### Research Opportunities For UK ADC Subjects and Other Interested Research Volunteers

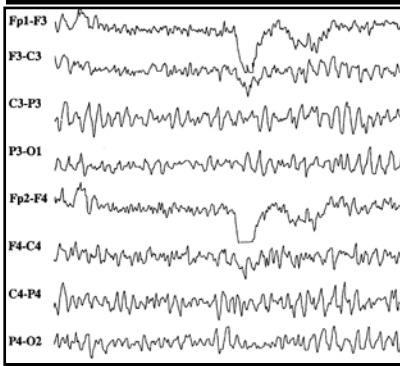


**Discourse Processing in Healthy Aging: Currently Enrolling!** This study investigates the impact of memory changes in healthy aging on discourse activities such as telling a story, describing a picture and explaining a procedure. Participants should be between the ages of 60 and 90, have normal (or corrected to normal) hearing and vision and have no history of neurological disease. Subjects will be compensated. For more information call Dr. Capilouto at (859) 321-1100 ext 80555.

**Natural Immunity in Healthy Aging** Age-related changes can seriously affect the immune systems ability to fight off common infections and illness. This could be related to a decline in the effectiveness of the body's own "natural killer cells". By donating just a few tablespoons of blood at a single visit, you can help Dr. Charles Lutz unlock the reasons for this decline in natural immunity. Solving this riddle could help eliminate many of the most common infectious causes for decline in the elderly today! For more information call Dr. Lutz at (859) 323-0356



**Neuroimaging Studies of Depression in Parkinson's disease** Depression is often a part of the brain changes seen in Parkinson's disease. This study uses functional MRI to study these changes in persons with Parkinson's disease and in normal aged volunteers. For more information, call the Communications and Emotions Lab at (859) 257-9223 x2



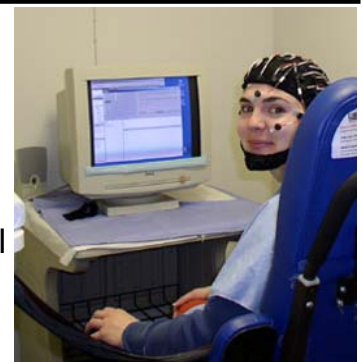
**Alzheimer's disease Detection via Nonlinear Analysis of EEG** This study is being conducted in partnership with researchers from the Oakridge National Laboratory in TN. EEG is a routine medical tool that carries no adverse effects and may serve as one of the best diagnostic tools for detecting early memory and thinking changes. Subjects with normal memory and thinking, mild cognitive impairment, early Alzheimer's disease and dementia with Lewy bodies are being recruited for this study  
 For more information or to enroll call Diana at (859) 257-1412 x 234

**Computerized Assessment of Early Visual-Spatial Dysfunction in Subjects with Normal Memory and Thinking and Early Preclinical Alzheimer' disease and dementia with Lewy bodies** Computerized tests of visual function may allow early diagnosis of Alzheimer's disease and related disorders. Three "fun" tests are like video games, but even easier to use, with only two buttons to control your responses. This testing takes about 20 minutes in a one time visit. For more information or to enroll call Diana at (859) 257-1412 x 234

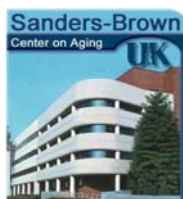


**Detection of Pre-symptomatic Alzheimer's disease by fMRI** Functional MRI allows researchers to see how different brain areas communicate with one another while performing a memory or thinking activity. Verbal memory decline is a major complaint in persons who may be at risk for more general memory decline. This research is designed to develop new methods of detecting early, preclinical AD, allowing earlier intervention and an increased chance to prolong or abort the future development of dementia. Potential subjects with previous stroke, metallic implants, or claustrophobia may not be acceptable enrollees in this study. For more information call Diana at (859) 257-1412 x 234

**Neuroimaging (fMRI) of Short-term Visual Memory in Older and Mild Cognitive Impairment Adults** Normal memory function requires both attentional and memory related processing in the brain. In this study, researchers are able to see brain areas involved in both attention and memory, and investigate how they work together in normal aging and in early memory decline. Potential subjects with previous stroke, metallic implants, or claustrophobia may not be acceptable enrollees in this study. For more information call the Aging Brain and Cognition Lab at (859) 323-7263



For information on other ongoing or planned Clinical Trials in Alzheimer's disease, please contact Diana at (859) 257-1412 ext 234



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