PSG
PARKINSON STUDY GROUP

Bonnie E. Levin, PhD is a neuropsychologist whose research examines neurocognitive and affective changes associated with neurodegenerative disease and the normative again process. Her work focuses on the inter-relationship between behavioral and motor symptoms in Parkinson's disease and the neural circuitry underlying executive function and age related cognitive decline. Her current work aims to advance our understanding of frontal striatal circuit function in cognition and to generate data that will improve our knowledge of key clinical parameters associated with differential rates of cognitive decline. Current projects include: imaging and clinical correlates of white matter changes associated with the aging process and structural and metabolic markers underlying different symptom profiles in neurodegenerative disease. Dr. Levin is the Alexandria and Bernard Schoninger Associate Professor of Neurology and Director of the Division of Neuropsychology in the Department of Neurology at the University of Miami, Miller School of Medicine.

Representative Publications:

Nation, DA, Katzen, HL, Scanlon, BK, Papapetropoulos, S, Duncan, R, Rodriguez, RA, Singer, C & **Levin, BE**. Defining Subthreshold Depression in Parkinson's Disease. *International Journal of Geriatric Neuropsychiatry* (in press).

Levin, BE, Behavioral and neuropsychological outcomes in clinical trial research. In K. Woodbury-Harris and B. Coull (Ed) *Clinical Trials in Neuroscience* Karger, AG (in press).

Papapetropoulos, S, Katzen, H, Schrag, A, Singer, C, Scanlon, BK, Nation, D, Guevara, A, & **Levin, B**. A questionnaire-based (UM-PDHQ) study of hallucinations in Parkinson's disease. *BMC Neurology*, 2008 Jun 20;8(21).

Katzen HL, **Levin BE**, Weiner WJ. Side and type of motor symptom Influence cognitive in Parkinson's disease. *Movement Disorders*, 2006, 21 (11), 1947-1953.

Levin, BE, Katzen H. Early cognitive changes and nondementing behavioral abnormalities in Parkinson's disease. In: W. Weiner and A.E. Lang(Ed). Behavioral Neurology of Movement Disorders. *Advances in Neurology* 2005, 85-90. New York: Raven Press.