

CURRICULUM VITA

Dawn Bowers, Ph.D., ABPP/CN

CONTACT INFORMATION

Business Address: University of Florida
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Research Laboratory Cognitive Neuroscience Laboratory,
 Center for Movement Disorders & Neurorestoration
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Citizenship United States

EDUCATION

High School: Marianna High School (1968)
 Valedictorian

College: Emory University (1968-70)
 University of Florida, B.A., 1972, Magna Cum Laude

Graduate School: University of Florida, M.A., 1974
 Clinical Psychology

University of Florida, Ph.D., 1978
 Clinical Psychology [Neuropsychology]

Doctoral Dissertation: *Material Specific Hemispheric Activation*; (Co-Chairs: Paul Satz, Ph.D., Kenneth M. Heilman, M.D.)

Internship Clinical Psychology/ Neuropsychology, 1976-77
 Boston Veterans Administration Medical Center
 Supervisors: Edith Kaplan, Harold Goodglass,
 Neurogeriatrics Externship: Framingham Heart Study
 Pediatric Neuropsychology *Externship*: Martha Denckla, M.D
 . Beth Israel Hospital

Post-Doctoral Neurobehavioral Research Fellow, 1978-1979,
 Department of Neurology, University of Florida College of Medicine
 (Mentor: Kenneth M. Heilman, M.D.)

Licensure	Florida PY0003179, 1983
Board Certification	Board Certified in Clinical Neuropsychology, American Board of Professional Psychology (ABPP), April 2013

PROFESSIONAL BACKGROUND

Current Appointments	<p>Neuropsychology Area Head, Department of Clinical and Health Psychology, College of Public Health and Health Professions, University of Florida, 2006-2018</p> <p>UF Term Professor, University of Florida 2017-2020</p> <p>Professor in Clinical and Health Psychology, College of Public Health and Health Professions, University of Florida, Gainesville, Florida, 2004-ongoing</p> <p>Professor of Neurology, College of Medicine, University of Florida, 1998-ongoing</p> <p>Senior Neuropsychology Director, Center for Movement Disorders and Neurorestoration, University of Florida, 2006-</p> <p>UF Foundation Research Professor, University of Florida, 2006-2009</p> <p>Director, Cognitive Neuroscience Laboratory, Center for Movement Disorders & Neurorestoration, 2014-; Evelyn F. and William L. McKnight Brain Institute, 2000- 2014</p> <p>Doctoral Research Faculty, University of Florida, 1984-</p> <p>Graduate Faculty Status, University of Florida, 1980-</p>
Past Appointments	<p>Associate Professor of Clinical & Health Psychology, University of Florida, Gainesville, Florida, 1985-2005</p> <p>Associate Professor of Neurology, College of Medicine, University of Florida, Gainesville, Florida, 1985-2005</p> <p>Research Director, Pallidotomy Clinical Research Program, College of Medicine, 1995-1998</p> <p>Director, Clinical Neuropsychology Research Laboratory, Department of Neurology, College of Medicine, 1994-1998</p> <p>Senior Neuropsychologist, State of Florida Memory Disorders Clinic, University of Florida College of Medicine, 1986-1998</p> <p>Associate Professor of Clinical and Health Psychology and Neurology, College of Health Professions & College of Medicine, 1985-98.</p> <p>Assistant Professor of Neurology, University of Florida College of Medicine, Gainesville, Florida, 1980-1984</p> <p>Post-doctoral Neurobehavioral Fellow, Department of Neurology University of Florida College of Medicine, 1979-1980</p>

Research Associate, Department of Neurology, University of Florida
College of Medicine, 1977-1978

Teaching Fellow in Neurology, Boston University College of
Medicine, 1976-1977

Graduate Research Assistant, Neuropsychology Laboratory,
Department of Clinical and Health Psychology, University of
Florida, 1974-1976 (Supervisor: Paul Satz, Ph.D.)

Research Assistant, Department of Clinical and Health
Psychology, University of Florida, Gainesville, FL 1973-1974
(Supervisor: Molly Harrower, Ph.D.)

Graduate Teaching Assistant (Personal Growth, Abnormal
Psychology), Department of Psychology, University of
Florida, 1972-73

PROFESSIONAL ORGANIZATIONS

American Psychological Association, Divisions 12 (Clinical
Psychology), Division 20 (Aging) and Division 40 (Society for Clinical
Neuropsychology)

- Charter Member, Women in Neuropsychology (WIN), Division 40
- Fellow (Division 40), 2013;
- Division 40 Fellows Committee (2014 ongoing)
- Chair, Division 40 Fellows Committee (2016-ongoing)

American Academy of Clinical Neuropsychology (AACN),

- ABBP mentor (2013 onwards)

International Neuropsychology Society, 1975-present;

- Board of Governors: 2012-2015
- Awards Committee: 2005-2015
- Communications Committee: 2015- ongoing
- Continuing Education Committee: 1993-1998;
- Program Committee: 1986, 1991, 1996, 2004, 2008, 2013

American Academy of Neurology

Cognitive Neuroscience Society, 1994-present

Society for Neuroscience, 1994-present

Memory Disorders Research Society (Charter Member), 1988

GRANTS AND CONTRACTS

PI/MPI: *A Pilot Multi-Site Intervention with Near Infrared Stimulation: Revitalizing Cognition in Older Adults*. Mcknight Brain Research Foundation. (MPI: Bowers/Woods/Alexander), 5/1/2018-4/30/2020.

Co-Investigator: *Mechanisms of airway protection dysfunction in Parkinson's disease*. NIH R01 HD091658-01 (PI: K. Hegland), 7/1/2017- 2020.

MPI: *Determining plasticity of brain-regulatory mechanisms related to emotion processing: A Neurofeedback Approach in Aging and Parkinson Disease*. NIH/NIA R21-AG057200 (co-MPI: N. Ebner), 4/1/2017-3/31/2019.

Co-Investigator: *Closing the Loop on Tremor: A Responsive Deep Brain Stimulator for the Treatment* NIH/NINDS, UH3-NS095553 (PI: A. Gunduz), 9/30/2016-6/30/2021.

Co-Investigator: *The Human Thalamocortical Network in Tourette*. NIH/NINDS R01-NS096008, (PI: Michael Okun). 7/1/2016-6/30/2021.

Principal Investigator: *Pilot Intervention in Mild Cognitive Impairment: A Proof of Concept Study with Transcranial Near Infrared Stimulation*. State of Florida Ed and Ethel Moore Alzheimer's Program, 2016-2018.

PI/MPI: *Interdisciplinary Training in Movement Disorders and Neurorestoration*. NIH/NINDS, T32-NS082168, 2015-2020. (Co-MPI: D. Vaillancourt)

Co-Investigator: *Algorithm in Predicting Alzheimer's disease*. State of Florida Ed and Ethel Moore Alzheimer's Program, (PI: Meredith Wicklund). 2016-2017.

Co-I: *Dissociating Components of Anhedonia: Pilot Behavioral and fMRI Data for the Effort Expenditure for Rewards Task*. NIH/NIMH, R03-MH109336, (PI: Dotson), 2015-17.

PI/MPI: *Re-Vitalize: Improving Memory in MCI- Motion and emotion*. Sante Fe/Avmed Village Retirement Community (Co-MPI: M Marsiske), 2014-2016

Principal Investigator: *Emotion Regulation, Executive Function, and Parkinson Disease*. NIH R21NS079767 (Co-Investigators: Bradley, Perlstein, Okun), 2012-2015.

Co-Investigator: *Novel Markers in Alzheimer's Disease*, State of Florida (Overall PI: D. Loewenstein, Ph.D., Site PI: Meredith Wicklund, MD), 02/01/2015-6/30/2015

Co-Investigator: *A Closed Loop Neuromodulation Solution For Parkinson's Disease Related Freezing*, Michael J. Fox Foundation (PI: MS Okun), 2015-2017

Co-Investigator: *Tourette Syndrome Deep Brain Stimulation*. COM-MBI, (M.S. Okun, PI), 2014-15.

Co-Investigator: *White Matter Connectivity and PD Cognitive Phenotypes*. NIH/NINDS R01-NS082386, (PI: Pricel), 2013-2018

Principal Investigator: *The VITAL Study; A Platform for the Enhancement of Cognition in Normal Elderly* McKnight Brain Institute, 2010-2013.

Co-Investigator: *The Role of Visual Attention in Driving Safety in Parkinson disease*. National Parkinson Foundation. (Classen PI), 2010-2012.

Co-Investigator: *Language and Executive Function in Parkinson's Disease: Effects of dual task and exercise*. National Institutes of Aging. R21-AG033284, (Co-PI's: Chris Hass, Lori Altman), 8/2/2010-8/1/2012.

Co-Investigator: *Scheduled and Responsive Brain Stimulation for the Treatment of Tourette Syndrome*. National Institutes of Mental Health. 1R34MH080764, (Okun, PI), 9/2008-8/2012.

Principal Investigator: *Masked Faces in Parkinson Disease: Mechanism and Treatment*. NINDS R01-NS50633, 2004-2009, \$1,250,000.

Co-Principal Investigator. *Repetitive Transcranial Magnetic Stimulation for the Treatment of Apathy in Parkinson's Disease* (The Restore Study). Funded by Michael J. Fox Foundation, (H. Fernandez, PI), 2006-2008

Mentor, Institutional Training Grant (T32-DC008768), *Training in treatment of communication disorders and in translational neuroscience* (funded by National Institute of Deafness and Communication Disorders/NIH (L. Gonzalez-Rothi, PI), 7/1/2007-3/31/2012, \$812,217

Principal Investigator: *Ageing, emotional memory, and the amygdala-hippocampus*, Evelyn F. and

William B. McKnight Research Award, University of Florida, 2003-2005, \$70,000.

Principal Investigator: *Digitizing the Face: Priming, TMS, and Hemispheric Asymmetries*, NIMH R01-, MH62458, 2002-2006, \$850,000.

Co-Investigator: *The Influence of Tourniquet Time on Cerebral Embolic Events in Elderly Patients Undergoing Total Knee Arthroplasty*, University of Florida Opportunity Fund, (T. Monk, PI), 2002-2003, \$30,000.

Co-Investigator: *A Clinical Trial of Transcranial Magnetic Stimulation in Treatment of Depression*, funded by Medical Research Service of Veterans Administration, (S. Nadeau, PI), 2001-06, \$657,000.

Co-Investigator: *Pain Assessment in Nursing Home Residents*", NINR, (A. Horgas, PI), 2001-04, \$472,775.

Co-Investigator: *Cognitive Function after Coronary Artery Bypass Graft surgery with or without cardiopulmonary bypass*", Florida Biomedical Research Fund, State of Florida, (Davies, PI), 2001-2003, \$298,000.

Principal Investigator: *Cortisol, Emotional Reactivity, and Temporal Lobe Dysfunction*, University of Florida Opportunity Fund, 2001-02, \$30,000.

Principal Investigator: *Odor Affectivity: Impact of Temporal lobe ablations*, NIMH, Project 7, P50-5238: Center for Study of Emotion and Attention, (P. Lang, Center PI), 1994-2001.

Principal Investigator: *Disordered Affect Modulation after Hemispheric Dysfunction*. NIMH, R01-MH5243, 1996-2000, 482,481.

Principal Investigator: *Parkinson's Disease and Pallidotomy: Digitizing the Masked Face*, University of Florida Office of Research and Graduate Education, Faculty Development Award, \$30,000, 1996-1997.

Consultant: *HIV: Neuropsychiatric and Psychoimmune Relationships*, funded by National Institute of Mental Health, R01-MH44618, (D. Evans, PI), 1995-2000, \$5,362,308.

Principal Investigator: *Affect Modulation after Unilateral Temporal Lobectomy*, NINDS R01-S32911, 1994-1998, \$ 390,094.

Co-Principal Investigator: *Emotion and Hemisphere Dysfunction*, NIMH, R01 MH48861, (K. Heilman, PI), 1994-1997, \$486,000.

Co-Investigator: *Psychophysiology of implicit memory in Alcoholic Amnesia*, NIAA, R01-AA06203, (R. Bauer, PI), 1991-1994, \$248,000.

Principal Investigator: *Stroke and Affect*, University of Florida *Division of Sponsored Research*, Graduate Assistant Fellowship, University of Florida, 1991-1992

Co-Principal Investigator: *Early Brain Lesions and Affective Behavior in Children*, NIMH, #R01MH44689-0182, (K.Voeller, PI), 1990-1993.

Co-Investigator: *Retrosplenial Amnesia*, NINDS, R01- (E. Valenstein, PI), 1988-1990.

Co-Principal Investigator: *Disorders of Emotional Memory in Brain Damaged Patients*, NIMH R01-MH40214, (K. Heilman, PI), 1986-1989.

Co-Investigator: *Neglect in Animals and Man*, Medical Research Service of Veterans Administration, #114304813. (Heilman, PI) 1986-1991.

Principal Investigator: *Disorders of Temporal Memory*, University of Florida Division of Sponsored Research Graduate Fellowship, 1986-1987.

Co-Principal Investigator: *Covert Physiological Recognition in Alcoholic Amnesia*, NIAAA R01-AA06203A,

(R. Bauer, PI), 1983-1986, \$220,991.

Principal Investigator: *Lexical Priming in Hemispatial Neglect*, University of Florida Division of Sponsored Research Graduate Assistant Fellowship, 1983-1984.

Principal Investigator: *Effects of Hemispace on Visual laterality Tasks*, University of Florida Division of Sponsored Research, Faculty Development Award, \$5500, 1981-1982.

Co-Principal Investigator: *Disorders of Affectively Intoned Speech*, NINDS, R01-NS-10408. (K. Heilman, PI), 1981-1985.

Co-Investigator: *Neglect in man, Part II*, Medical Research Service of Veterans Administration, #114304813. (K. Heilman, PI), 1981-1984.

Principal Investigator: *Hemisphere: Relation to laterality of function in man*, NIMH R01-MH34752A . 1981-1985.

SPONSOR OF FUNDED RESEARCH AWARDS TO Junior Faculty, Post-docs, Students

Pre-Doctoral National Research Service Award (NRSA, F31 NS7033) *Emotion Psychophysiology in Parkinson's disease*. Funded by National Institute of Neurologic Disease and Stroke, 2010-2013. Jenna Dietz, M.S. (Role: Co-Mentor with M. Bradley, Ph.D.)

University Scholar Award, *Autonomic Functioning and Apathy in Parkinson's disease*, funded by University of Florida, 2008-2009, \$2500, Awarded to Jennifer Goetz (undergrad). (Role: Primary Mentor)

K23 Clinical Training Grant (K23- NS060660) *White Matter and Cognition in Parkinson Disease*, funded by National Institutes of Neurologic Disease and Stroke, 2007-2012, \$608,783; Awarded to Catherine Price, Ph.D. (Role: Primary Mentor)

Pre-doctoral National Research and Service Award (NRSA, F31NS059142) *Apathy, Neurocognitive functioning and Parkinson's Disease*, funded by National Institutes of Neurologic Disease and Stroke, 2007-2009; Awarded to Lindsey Kirsch-Darrow, M.S. (Role: Primary Mentor)

University Scholar Award, *Social Support as a predictor of DBS surgery outcome in Parkinson's Disease*, funded by University of Florida, 2005-2006, \$2500, Awarded to Amanda Fogel, B.S., (Role: Mentor)

Pre-doctoral National Research and Service Award (NRSA, F31 NS53403), *Parkinson's Disease, Psychophysiology, and the Amygdala*, funded by National Institutes of Neurologic Disease and Stroke, 2005-2007, \$85,000 Awarded to Kim Miller, M.S., (Role: Primary Mentor)

Minority Supplement to *Masked Faces in Parkinson's Disease*, funded by National Institutes of Neurologic Disease and Stroke, 2005-2007, \$98,000. Awarded to Mabel Lopez, Ph.D. (This grant was returned due to change in personal circumstance of Dr. Lopez).

Post-doctoral National Research and Service Award (NRSA, F32- AG021363), *Predictors of Post-Operative Cognitive Dysfunction in the Elderly*, funded by National Institutes of Aging, 2002-2004, \$85,000. Awarded to Catherine Price, Ph.D. (Role: Primary Mentor)

Pre-doctoral National Research and Service Award (NRSA, F31-MH63545) to Gregory Selke, *Emotional Reactivity in Conduct Disorder and ADHD*, funded by National Institute of Mental Health, 2001-2004, \$60,000, Awarded to Greg Selke, M.S.. (Role: Co-Mentor with E. Fennell, Ph.D.)

University Scholar Award, *Dopamine and working memory in Parkinson's Disease*, funded by University of Florida, 2003-2004, \$2500, Awarded to Harvey Montijo (undergrad); (Role: Primary Mentor)

University Scholar Award, *Expressivity in Parkinson's disease*, funded by University of Florida, 2001-2002, \$2500, Awarded to Wendelyn Bosch (undergrad). (Role: Primary Mentor)

University Scholar Award, *Digitizing the Face: Hemiface asymmetries and Gender*”; funded by University of Florida, 1999-2000, \$2500, Awarded to Ashish Desai (undergrad); . (Role: Primary Mentor)

Psi Chi Research Award to Jennifer Medina, *Retrieval of emotional memories in temporal lobe epilepsy*. 1st place winner (national level), 1999, \$1000 (Role: Mentor)

Psi Chi Research Award to Christopher Delisle, MRI volumetric analysis of the amygdala and hippocampus involving verbal memory in Parkinson’s disease. 2nd place winner (national level), 1998, \$500. (Role: Mentor)

Graduate Student Research Award to Charles Richardson, *Impact of Right Hemisphere Damage on Voluntary and Spontaneous Expression of Facial Affect*, funded by University of Florida, 1990-1991, \$12,000. (Role: Mentor)

PUBLICATIONS

Books

Harrower, M. and Bowers, D. (1987) The Inside Story: Reflections from the Basic Rorschach Types. Erlbaum: New York.

Doty, L., Heilman, K., Stewart, J., Bowers, D., Gonzalez-Rothi, L. (1995) Helping people with Progressive Memory Disorders: A Guide for You and Your Family. University of Florida Memory Disorder Clinic, University of Florida, Gainesville, FL.

Doty, L., Heilman, K., Stewart, J., Bowers, D., Gonzalez-Rothi, L. (2003) Helping people with Progressive Memory Disorders: A Guide for You and Your Family (edition 2). University of Florida Memory Disorder Clinic, University of Florida, Gainesville, FL

Tests

Bowers, D., Blonder, LX, and Heilman, KM (1989) The Florida Affect Battery. Center for Neuropsychological Studies, University of Florida, Gainesville, FL.

Bowers, D., Blonder, LX, and Heilman, KM (2001). The Florida Affect Battery, Manual (revised), Center for Neuropsychological Studies, University of Florida, Gainesville, FL

Peer Reviewed Articles

1. Levy, C.M. and Bowers, D. (1974) Hemispheric asymmetry of reaction time in a dichotic discrimination task. *Cortex*, 10, 19-25.
2. Bowers, D. and Heilman, K.M. (1976) Material specific hemispheric arousal. *Neuropsychologia* 14, 123-127.
3. Heilman, K.M., Bowers, D., Watson, R.T., and Greer, M. (1975). A reaction time study of hypokinesia in Parkinson’s disease. *Transactions of the American Neurologic Association*, 100, 1999-2001.
4. Heilman, K.M., Bowers, D., Watson, R.T., and Greer, M. (1976). Reaction times in Parkinson patients. *Neurology*, 33, 139-140.
5. Fennell, E., Bowers, D., and Satz, P. (1977). Within and crossmodal reliabilities of two laterality tasks. *Brain and Language*, 4, 63-69.
6. Fennell, E., Bowers, D., and Satz, P. (1977). Within and crossmodal reliabilities of two laterality tasks, among left handers. *Perceptual and Motor Skills*, 45, 451-456.

7. Heilman, K., Bowers, D., Rasbury, W., and Ray, R. (1977). Ear asymmetries on a selective attentional task. *Brain and Language*, 4, 390-395.
8. Fennell, E., Satz, P., Van den Abell, T., Bowers, D., and Thomas, R. (1978). Visuospatial competency, cerebral dominance, and handedness. *Brain and Language*, 5, 206-211.
9. Bowers, D., Heilman, K.M., Satz, P., and Altman, A. (1978). Simultaneous performance on verbal, nonverbal and motor tasks by right handed adults. *Cortex*, 14, 540-556.
10. Hines, D., Fennell, E., Bowers, D., and Satz, P. (1980). Left handers show greater test-retest variability in auditory and visual asymmetries. *Brain and Language*, 10, 208-211.
11. Bowers, D. and Heilman, K. (1980). Material specific hemispheric activation. *Neuropsychologia*, 18, 309-318.
12. Bowers, D. and Heilman, K. (1980). Pseudoneglect: Effects of hemispace on a tactile line bisection task. *Neuropsychologia*, 18, 491-496.
13. DeKosky, S., Heilman, K., Valenstein, E., and Bowers, D. (1980) Recognition and discrimination of emotional faces and pictures. Brain and Language 9:206-214.
14. Bowers, D., Heilman, K., and Van den Abell, T. (1981). Hemispace-VHF compatibility, *Neuropsychologia*, 19, 757-765.
15. Heilman, K., Bowers, D., and Watson, R.T. (1983). Performance on a hemispatial pointing task. *Neurology*, 33, 661-664.
16. Heilman, K., Watson, R., Bowers, D., and Valenstein, E. (1983). Dominance hemispherique droite pour l'attention. *Rev Neurol (Paris)*, 139, 15-17.
17. Heilman, K., Bowers, D., and Watson, R.T. (1984). Pseudoneglect in a patient with a partial callosal disconnection. *Brain*, 107, 519-532.
18. Heilman, K., Bowers, D., Speedie, L., and Coslett, B. (1984). Comprehension of emotional and nonemotional prosody. *Neurology*, 34, 917-921.
19. Bowers, D. and Heilman, K.M. (1984). Dissociation between the processing of affective and nonaffective faces: a case study. *Journal of Clinical Neuropsychology*, 6, 367-394.
20. Bowers, D., Bauer, R., Coslett, B., and Heilman, K. (1985). Processing of faces by patients with unilateral hemisphere lesions. I. Dissociation between judgments of facial affect and facial identity. *Brain & Cognition*, 4, 258-272.
21. Heilman, K., Bowers, D., Coslett, B., Whalen, H., and Watson, R.T. (1985). Directional hypokinesia: Prolonged reaction times for leftward movements in patients with right hemisphere lesions and neglect: directional hypokinesia. *Neurology*, 35, 855-860.
22. Watson, R., Heilman, K., and Bowers, D. (1985). Magnetic resonance imaging (MRI, NMR) seen in a case of callosal apraxia and pseudoneglect. *Brain*, 108, 535-536.
23. Heilman, K., Bowers, D., Valenstein, E., and Watson, R. (1986). The right hemisphere: neuropsychological functions. *Journal of Neurosurgery*, 64, 693-704. \
24. Meador, K., Watson, R., Bowers, D., and Heilman, K. (1986). Hypometria with hemispatial and limb motor neglect. *Brain*, 109, 293-306. \
25. Bowers, D., Coslett, B., Bauer, R., Speedie, L., and Heilman, K.M. (1987). Comprehension of emotional prosody following unilateral brain damage: Processing versus distraction defects. *Neuropsychologia*, 25,317-328.

26. Meador, K.J., Hammond, E.J., Loring, D.W., Feldman, D., Bowers, D., and Heilman, K.M. (1987), Auditory P3 correlates of phonemic and semantic processing. *International Journal of Neuroscience*, 35, 175-179.
27. Meador, K., Hammond, E., Loring, D., Allen, M., Bowers, D., and Heilman, K. (1987). Cognitive evoked potentials and disorders of recent memory. *Neurology*, 37, 526-529. \
28. Meador, K., Loring, D., Bowers, D., and Heilman, K. (1987). Remote memory and neglect syndrome. *Neurology*, 37, 522-526.
29. Coslett, B., Bowers, D., and Heilman, K. (1987). Reduction in cerebral activation after right hemisphere stroke. *Neurology*, 37, 957-962.
30. Valenstein, E., Bowers, D., Verfaellie, M., Heilman, K., Day, A., and Watson, R. (1987). Retrosplenic amnesia. *Brain*, 110, 1631-1646.
31. Bowers, D., Verfaellie, M., Valenstein, E., and Heilman, K. (1988). Impaired acquisition of temporal information in retrosplenic amnesia. *Brain and Cognition*, 8, 47-66.
32. Verfaellie, M., Bowers, D., and Heilman, K. (1988). Hemispheric asymmetries in mediating intention, but not selective attention. *Neuropsychologia*, 26, 521-531.
33. Verfaellie, M., Bowers, D., and Heilman, K. (1988). Attentional factors in the occurrence of the stimulus-response compatibility effect. *Neuropsychologia*, 26, 435-444.
34. Heilman, K.M., Bowers, D., and Shelton, P. (1990). Attention to near and far space: The third trichotomy. *Behavioral and Brain Sciences*, 13, 552.
35. Heilman, K.M., Bowers, D., Watson, R., Day, A., Valenstein, E., Hammond, E., and Duara, R. (1990). Frontal hypermetabolism and thalamic hypometabolism in a patient with abnormal orienting and retrosplenic amnesia. *Neuropsychologia*, 28, 161-170.
36. Coslett, B., Bowers, D., Fitzpatrick, E., Haws, B., and Heilman, K. (1990). Directional hypokinesia and hemispatial inattention in neglect. *Brain*, 113, 475-486.
37. Shelton, P., Bowers, D., and Heilman, K. (1990). Peripersonal and vertical neglect. *Brain*, 113, 191-205.
38. Speedie, L., Brake, N., Folstein, S., Bowers, D., Heilman, K. (1991). Comprehension of prosody in Huntington's disease. *Journal of Neurology, Neurosurgery, & Psychiatry*, 53, 607-610.
39. Martin, R., Meador, K., Loring, D., Bowers, D., and Heilman, K. (1990). The contribution of an imaginal code to verbal memory. *Cortex*, 26, 443-450.
40. Verfaellie, M., Bauer, R., and Bowers, D. (1991). Autonomic and behavioral evidence of implicit memory in amnesia. *Brain & Cognition*, 15, 10-25.
41. Cimino, C., Verfaellie, M., Bowers, D., and Heilman, K. (1991). Emotional autobiographical memory in right hemisphere damaged patients. *Brain & Cognition*, 15, 106-118.
42. Coslett, B., Bowers, D., Verfaellie, M., and Heilman, K. (1991). Frontal verbal amnesia: Phonologic amnesia. *Archives of Neurology*, 48, 949-955.
43. Blonder, L., Bowers, D., and Heilman, K. (1991). The role of the right hemisphere in emotional communication. *Brain*, 114, 1115-1127.
44. Bowers, D., Blonder, L., Heilman, K., and Feinberg, T. (1991). Differential impact of right and left hemisphere lesions on facial emotion versus object imagery. *Brain*, 114, 2593-2609.

45. Morris, M., Bowers, D., Chatterjee, A., and Heilman, K. (1992). Amnesia following a discrete lesion of the basal forebrain. *Brain*, *115*, 1827-1847.
46. Blonder, L., Burns, A., Bowers, D., Moore, R., and Heilman, K. (1993). Right hemisphere facial expressivity during natural conversation. *Brain and Cognition*, *21*, 44-56.
47. Chatterjee, A., Morris, M., Bowers, D., Doty, L., Williams, D.J., and Heilman, K. (1993). Cholinergic treatment of amnesia due to a basal forebrain lesion: theoretical issues. *Journal Neurology, Neurosurgery, & Psychiatry*, *56*, 1282-1289.
48. Bowers, D., Bauer, R.M., and Heilman, K. (1993). The nonverbal affect lexicon: Theoretical perspectives from neuropsychological studies of affect perception. *Neuropsychology*, *7*(4), 433-444.
49. Doty, L., Heilman, K.M., Bowers, D., and Gonzalez-Rothi, L. (1993). Case management of Alzheimer's disease. *Journal of Case Management*, *4*, 129-135.
50. Shelton, P., Bowers, D., Duara, R.J., and Heilman, K.M. (1994). Apperceptive visual agnosia. *Brain & Cognition*, *25*, 1-23.
51. Blonder, L.X., Burns, A., Bowers, D., Moore, R., and Heilman, K.M. (1995). Spontaneous gestures following right hemisphere infarct. *Neuropsychologia*, *33*, 211-218.
52. Jacobs, D., Williams, D.J., Shuren, J., Bowers, D., and Heilman, K. (1995). Anomia in a patient with a basal forebrain lesion. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, *8*, 200-207.
53. Heilman, K. & Bowers, D. (1995). Reply to Warrington-Rudge comment on "Apperceptive Visual Agnosia: A case study." *Brain & Cognition*, *28*, 178-179.
54. White, T., Bauer, R., Kessler, H., and Bowers, D. (1995). Recall of three words after five minutes: its relationship to performance on neuropsychology memory tests. *Applied Neuropsychology*, *2*, 130-138.
55. Jacobs, D., Shuren, J., Bowers, D., and Heilman, K. (1996). Emotional perception, imagery, and production in Parkinson's disease. *Neurology*, *45*, 1696-1702.
56. Kegl, J., Gilmore, R., Leonard, C., Bowers, D., Fennell, E., Roper, S., Trowbridge, P. Heilman, K., and Poizner, H. (1996). Lateralization and intrahemispheric localization studies of a familiarly left-handed deaf, epileptic signer of American sign language. *Brain and Cognition*, *32*, 335-338.
57. Jacobs, D., Shuren, J., Gold, M., Adair, J.C., Bowers, D., Williamson, D.G., Heilman, K.M. (1997). Physostigmine pharmacotherapy for anomia. *Neurocase*, *2*, 83-91.
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186. Bowers, D., Sapienza, C., Springer, U.S., Fernandez, H.H., Okun, M.S. (under review). Unmasking the face of Parkinson's patients: Results from a randomized double-blind sham controlled behavioral intervention.
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Published Reviews

1. Kirsch-Darrow, L., & Bowers, D. (2010). Invited Review: Apathy may herald cognitive decline and dementia in Parkinson's disease. *Movement Disorders*
2. Heilman, K., Watson, R., and Bowers, D. (1982). Hemispheric asymmetries and hemispatial neglect. *The Behavioral and Brain Sciences*, 3, 305-306.

Letters To Editor

1. Jones, J., Hass, C.J., Okun, M.S., Bowers, D. (2015). Reply: The 'cognitions' Index of the Parkinson's disease questionnaire-39 relates to sleep disturbances and hallucinations. *Parkinsonism and Related Disorders*. 21(3), 351-2. doi: 10.1016/j.parkreldis.2014.12.002. Epub 2014 Dec 11. PubMed PMID: 25616693.

Chapters

1. Trifilio, E., Heilman, K.M., Bowers, D. (in press). Alterations of Emotions and Mood with Aging. In Heilman, K.M., & Nadeau (Eds.), *Cognitive Chances and the Aging Brain*, Cambridge University Press
2. Hackney, M., Nocera, J., Bowers, D., Altman, L., Hass, C. (2015). The Chronic Exercise Cognition Interaction and Parkinson's Disease. In McMorris, T. (Ed.), *Exercise-Cognition Interaction: Neuroscience Perspectives*, New York: Academic Press.
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 15. Heilman, K., Bowers, D., Valenstein, E., and Watson, R. (1987). Hemispace and hemispatial neglect. In M. Jeannerod (Ed.), *Neurophysiological and Neuropsychological Aspects of Spatial Neglect*, pp. 115-150, Amsterdam: North Holland Publishers.
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Refereed Presentations/Abstracts at Professional Meetings

1. Bowers, D. and Heilman, K.M. (1975, February). *Hemispheric asymmetries of arousal*. Paper presented at 8th annual meeting of International Neuropsychological Society. Tampa, FL.
2. Heilman, K.M., Bowers, D., and Rasbury, W. (1975, November). *The role of complex maskers in the production of attentional asymmetries*. Poster presented at annual meeting of Society for Neuroscience. (Abstract: Neuroscience Abstracts, 1, 18, 1975).
3. Heilman, K.M., Bowers, D., Watson, R.T., and Greer, M. (1975, September). *Reaction time studies in Parkinson's Disease*. Poster presented at annual meeting of American Neurological Association. September 1975. New York, NY. (Abstract: Transactions of the American Neurological Association, 100, 199-200).
4. Bowers, D., Heilman, K.M., Satz, P., and Altman, A. (1976, February). *Simultaneous performance*

on verbal, nonverbal, and motor tasks by right and left handers. Paper presented at the 9th annual meeting of International Neuropsychological Society, Toronto, Canada.

5. Bowers, D. and Heilman, K.M. (1978, February). *Pseudoneglect in normals using a tactile line bisection task.* Paper presented at 11th annual meeting of International Neuropsychological Society. February 1978. Minneapolis, MN.
6. Bowers, D. and Heilman, K.M. (1979, February) *Material specific hemispheric activation.* Paper presented at the 12th annual meeting of International Neuropsychological Society. New York, NY.
7. Bowers, D. (1980, August). *Hemispatial effects on laterality tasks.* Invited Speaker. Symposium on: Models and Mechanisms of Cerebral Laterality. Paper presented an annual meeting of American Psychological Association. Montreal, Canada.
8. Bowers, D., Van den Abell, T., and Heilman, K.M. (1980, February). *Hemisphere-Visual Half Field (VHF) compatibility.* Paper presented at the 13th annual meeting of International Neuropsychological Society. San Francisco, CA. (Abstract: International Journal Neuroscience, 12, 238).
9. Bowers, D. and Heilman, K.M. (1981, February). *Dissociation between the processing of affective and nonaffective faces.* Paper presented at the 14th annual meeting of International Neuropsychology Society. Atlanta, GA. (Abstract: International Journal of Neuroscience).
10. Heilman, K.M., Bowers, D., Valenstein, E., and Watson, R.T. (1981, April). *A nonvisual test for hemispatial neglect.* Poster presented at annual meeting of American Academy of Neurology. Toronto, Canada. (Abstract - Neurology 31, 11).
11. Bauer, R., Bowers, D., Heilman, K.M., and Spencer, T. (1982, February). *Head versus body midline as a reference point for hemisphere.* Paper presented at 15th annual meeting of International Neuropsychology Society. Pittsburgh, PA. (Abstract: International Journal of Neuroscience).
12. Heilman, K.M., Bowers, D., Speedie, L., and Coslett, H.B. (1983, April). *Comprehension of emotional and nonemotional prosody.* Paper presented at American Academy of Neurology. San Diego, CA. (Abstract: Neurology,)
13. Heilman, K.M., Bowers, D., and Watson, R.T. (1983). *Pseudoneglect in a callosally disconnected patient.* Paper presented at annual meeting of American Neurologic Association. (Abstract: Annals of Neurology, 12, 96).
14. Heilman, K.M., Bowers, D., and Coslett, H.B. (1983, April). *Directional hypokinesia in neglect.* Poster presented at annual meeting of American Academy of Neurology. San Diego, CA. (Abstract – Neurology, 33, 104.)
15. Bowers, D., Coslett, H.B., and Heilman, K.M. (1984, February). *Comprehension of emotional messages by patients with unilateral hemispheric lesions: Processing versus distraction deficits.* Paper presented at 17th annual meeting of International Neuropsychology Society. Houston, TX.
16. Bowers, D., Bauer, R., Coslett, H.B., and Heilman, K.M. (1984, February) *Processing of facial affect and facial identity by patients with uni lateral hemispheric lesions.* Paper presented at the 17th annual meeting of International Neuropsychology Society. Houston, TX.
17. Coslett, H.B., Bowers, D., and Heilman, K.M. (1984, February). *Hemispatial memory asymmetries.* Paper presented at the 17th annual meeting of International Neuropsychology Society. Houston, TX.
18. Coslett, H.B., Bowers, D., Verfaellie, M., and Heilman, K.M. (1984, February) *Phonologic memory impairment with "minor" Broca's aphasia.* Paper presented at the 17th annual meeting of International Neuropsychology Society. Houston, TX.

19. Williams, C.S., Bowers, D., and Heilman, K.M. (1984, February) *Effects of hemispace on verbal and nonverbal laterality tasks*. Paper presented at 17th annual meeting of International Neuropsychology Society. Houston, TX.
20. Coslett, H.B., Bowers, D., and Heilman, K.M. (1984, April) *Reduction in cognitive activation following right hemisphere damage*. Poster presented at American Academy of Neurology. Boston, MA. (Abstract: Neurology, 34, 190).
21. Bowers, D., Verfaellie, M., Valenstein, E., and Heilman, K.M. (1985, February). *Impaired memory for temporal order in an amnesic with lesions of the left hippocampus and the left retrosplenial region*. Paper presented at the 18th annual meeting of the International Neuropsychology Society. San Diego, CA. (Abstract: Journal of Clinical and Experimental Neuropsychology 7: 1985)
22. Verfaellie, M., Bowers, D., Williams, C.S., and Heilman, K.M. (1985, February) *Dissociation of attention and intention in normal subjects*. Presented at 18th annual meeting of International Neuropsychology Society. San Diego, CA. (Abstract: Journal of Clinical and Experimental Neuropsychology 7: 1985).
23. Speedie, L., Folstein, S., Bowers, D., and Heilman, K.M. (1985, February). *Comprehension of prosody in Huntington's disease*. Paper presented at 18th annual meeting of International Neuropsychology Society. San Diego, CA. (Abstract: Journal of Clinical and Experimental Neuropsychology, 7, 49).
24. Meador, K., Bowers, D., Watson, R.T., and Heilman, K.M. (1985, February). *Hypometric apraxia with hemispacial/limb hypokinesia*. Poster presented at the 18th annual meeting of International Neuropsychology Society. San Diego, CA. (Abstract: Journal of Clinical and Experimental Neuropsychology 7, 41).
25. Meador, K., Hammond, E., Bowers, D., and Heilman, K.M. (1985, February). *Auditory cognitive evoked potential correlates of levels of processing*. Paper presented at the 18th annual meeting of the International Neuropsychology Society, San Diego, CA. (Abstract: Journal of Clinical and Experimental Neuropsychology, 7, 34).
26. Coslett, H.B., Bowers, D., Haws, B., and Heilman, K.M. (1985, February). *An analysis of the determinants of hemispacial performance*. Presented at the 18th annual meeting of International Neuropsychology Society. San Diego, CA. (Abstract: J. Clinical and Experimental Neuropsychology 7, 34).
27. Meador, K.J., Hammond, E., Allen, M., Bowers, D., and Heilman, K.M. (1985, April). *Cognitive evoked potentials and recent memory disorders*. Presented at annual meeting of American Academy of Neurology, Dallas, TX. (Abstract: Neurology, 35, 129).
28. Verfaellie, M., Bowers, D., and Heilman, K.M. (1985, November). *The influence of attentional manipulations on stimulus-response compatibility*. Presented at annual meeting of the Psychonomics Society. Boston, MA. (Abstract – Bulletin of the Psychonomic Society, 23, 290).
29. Bowers, D., Verfaellie, M., and Heilman, K.M. (1986, February) *Paradoxical recency judgments in retrosplenial amnesia*. Presented at 19th annual meeting of the International Neuropsychology Society. Denver, Colorado. (Abstract: J. Clinical & Experimental Neuropsychology, 8: 1986).
30. Verfaellie, M., Bauer, R., and Bowers, D. (1986, February) *Preserved activation of memory traces in an amnesic with a lesion of the left retrosplenial-fornix region*. Paper presented at the 19th annual meeting of International Neuropsychology Society. Denver, Colorado. (Abstract: J. Clinical & Experimental Neuropsychology, 8: 1986).
31. Cimino, C. and Bowers, D. (1986, February) *Hemispacial effects in two tactuospatial line orientation tasks*. Presented at the 19th annual meeting of the International Neuropsychological Society. Denver, Colorado. (Abstract: J. Clinical & Experimental Neuropsychology, 8: 1986).

32. Bauer, R.M., Rediess, S., Verfaellie, M., Walker, V., Shrier, R., Bowers, D., and Watson, R.T. (1986, February) *Electrodermal discrimination without verbal recognition in Korsakoff and Alzheimer patients*. Presented at 19th annual meeting of the International Neuropsychology Society. Denver, Colorado. (Abstract: J. Clinical & Experimental Neuropsychology, 8, 1986).
33. Meador, K.J., Loring, D.W., Bowers, D., and Heilman, K.M. (1986, April) *Remote memory and neglect syndrome*. Paper presented at the annual meeting of the American Academy of Neurology. New Orleans, Louisiana. (Abstract - Neurology 36, Suppl. 1, p. 170, 1986).
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35. Bowers, D., Verfaellie, M., and Rapsack, S. (1987, February) *Different forms of temporal amnesia following basal forebrain versus retrosplenial lesions in man*. Paper presented at 20th annual meeting of the International Neuropsychology Society. Washington, D.C. (Abstract: J. Clinical & Experimental Neuropsychology 9:15, 1987).
36. Bowers, D. and Heilman, K.M. (1987, February) *Syndromes of facial affect processing*. Paper presented at the 20th annual meeting of the International Neuropsychology Society. Washington, D.C. (Abstract: J. Clinical & Experimental Neuropsychology 9:58, 1987).
37. Bowers, D., Heilman, K.M., Rapsack, S., Verfaellie, M., and Watson, R.T. (1988, February) *Panamnesia following lesions of the basal forebrain*. Paper presented at annual meeting of International Neuropsychology Society. New Orleans, Louisiana (Abstract: J. Clinical and Experimental Neuropsychology 10: 1988).
38. Cimino, C.R., Verfaellie, M., Bowers, D., and Heilman, K.M. (1988, January) *Emotional autobiographical memory in right hemisphere damaged patients*. Paper presented at 21st annual meeting of International Neuropsychological Society. New Orleans, Louisiana. (Abstract: J. Clinical & Experimental Neuropsychology 10: 1988).
39. Heilman, K.M., Bowers, D., Watson, R.T., Valenstein, E., Day, A., Hammond, E., and Duara, Ranjan (1988, April). *Fluorodeoxyglucose positron emission tomography in a patient with retrosplenial amnesia and aberrant directed attention*. Presented at annual meeting of American Academy of Neurology. Cincinnati, Ohio. (Abstract: Neurology 38: 20 [Suppl. 1], 1988).
40. Martin, R., Meador, K., Loring, D., Bowers, D., and Heilman, K. (1989, February). *The contribution of an imaginal code to verbal memory*. Presented at 22nd annual meeting of the International Neuropsychological Society. Vancouver, B.C., Canada. (Abstract: J. Clinical & Experimental Neuropsychology 11, 1989).
41. Bowers, D., White, T., and Bauer, R.M. (1989, April) *Recall of 3 words after 5 minutes: its relation to performance on complex neuropsychological memory tests*. Paper presented at the annual meeting of the American Academy of Neurology. Chicago, Illinois. (Abstract: Neurology 39: [Suppl. 1], 1989).
42. Bowers, D., Heilman, K., Duara, R., Verfaellie, M., and Valenstein, E. (1989, October) *Semantic encoding in a retrosplenial amnesia with thalamic hypometabolism and frontal hypermetabolism*. Paper presented at annual meeting of the Memory Disorders Research Society. Boston, Massachusetts.
43. White, T., Bauer, R., and Bowers, D. (1989, November). *Recall of 3 words after 5 minutes: its relation to performance on neuropsychological memory tests*. Presented at annual meeting of National Academy of Neuropsychology. Washington, D.C.
44. Bowers, D., Blonder, L., Feinberg, T., and Heilman, K. (1990, February). *Emotional versus visual object imagery: Differential impact of right versus left hemisphere lesions*. Presented at the 23rd

- annual meeting of the International Neuropsychological Society, Orlando, Florida. (Abstract: J. Clinical & Experimental Neuropsychology 12:84, 1990).
45. Maher, L., Ochipa, C., Bowers, D., Rothi, L.J., Blonder, L.X., and Heilman, K.M. (1990, February). *Ideomotor apraxia and visual imagery*. Presented at the 23rd annual meeting of International Neuropsychological Society, Orlando, Florida. (Abstract: J. Clinical & Experimental Neuropsychology 12:89, 1990).
 46. Cimino, C., Bowers, D., and Heilman, K. (1990, February). *Psychophysiological responses to laterally presented emotional stimuli*. Presented at the 23rd annual meeting of International Neuropsychological Society, Orlando, Florida. (Abstract: J. Clinical & Experimental Neuropsychology 12:44, 1990).
 47. Blonder, L., Bowers, D., and Heilman, K. (1990, February). *The role of the right hemisphere in emotional communication*. Presented at the 23rd annual meeting of International Neuropsychological Society, Orlando, Florida. (Abstract: J. Clinical & Experimental Neuropsychology 12:33, 1990).
 48. White, T., Bauer, R., and Bowers, D. (1990, February). *The 3 words in 5 minutes test: I. Discriminant analysis of its ability to predict impairment on neuropsychological memory tests*. Presented at the 23rd annual meeting of the International Neuropsychological Society, Orlando, Florida. (Abstract: J. Clinical & Experimental Neuropsychology 12: 59, 1990).
 49. Doty, L., Bowers, D., and Heilman, K. (1990, November). *Florida Mental Status Exam for Progressive Dementia Screening*. Presented at annual meeting of Gerontological Society of America, Boston, Massachusetts. (Abstract: The Gerontologist 30:20A [Special Issue], 1990).
 50. Morris, M., Bradley, M., Bowers, D., Lang, P., and Heilman, K. (1991, February). *Valence-specific hypoarousal following right temporal lobectomy*. Presented at the 24th annual meeting of the International Neuropsychology Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology 13:42, 1991).
 51. Morris, M., Heilman, K., and Bowers, D. (1991, February) *Amnesia following a discrete basal forebrain lesion*. Presented at the 24th annual meeting of International Neuropsychology Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology 13:21, 1991).
 52. Glantz, M., Bowers, D., Heilman, K., Morris, M., Cimino, C., and Blonder, L. (1991, February) *Autobiographical memory: Valence specific effects in LHD and RHD patients*. Presented at the 24th annual meeting of International Neuropsychology Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology 13:68, 1991).
 53. Ochipa, G., Rapcsak, S., Maher, L., Bowers, D., Rothi, L., and Heilman, K. (1991, February). *Selective deficit of motor imagery in ideomotor apraxia*. Presented at 24th annual meeting of the International Neuropsychology Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology 13:54, 1991).
 54. Blonder, L., Bowers, D. and Heilman, K. (1991, February) *Logical inference following right hemisphere damage*. Presented at the 24th annual meeting of the International Neuropsychology Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology, 13:39, 1991).
 55. Maher, L., Bowers, D., Rapcsak S., Ochipa, C., and Heilman, K. (1991, February). *Visual Imagery in two cases of cortical blindness*. Presented at the 24th annual meeting of the International Neuropsychology Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology 13:39, 1991).
 56. Greve, K., Bauer, R.M., Bowers, D. (1991, February). *Failure of implicit access to affective facial representations in right hemisphere disease*. Presented at the 24th annual meeting of the International Neuropsychology Society, San Antonio, Texas. (Abstract: Journal of Clinical and Experimental Neuropsychology, 13:25, 1991).

57. Blonder, L., Burns, A., Bowers, D., Heilman, K. (1991, February). *Right hemisphere facial expressivity during natural conversation*. Presented at the 24th annual meeting of the International Neuropsychology Society, San Antonio, Texas. (Abstract: Journal of Clinical & Experimental Neuropsychology, 13:94, 1991).
58. Bauer, R., Verfaellie, M., Greve, K., Bowers, D., Rediess, S., Schramke, D. (1991, February) *Verbal and electrodermal response to levels of processing manipulation in Korsakoff and Alzheimer's patients*. Presented at the 24th annual meeting of the International Neuropsychological Society, San Antonio, Texas. (Abstract: J. Clinical & Experimental Neuropsychology 13:110, 1991).
59. Bowers, D., Heilman, K. (1992, February). *Issues in the perception of nonverbal affect signals*. Invited Speaker. Symposium on Emotion and the Brain (J.C. Borod, Organizer), Presented at the 25th annual meeting of the International Neuropsychological Society, San Diego CA. (Abstract: J. Clinical & Experimental Neuropsychology 4:51, 1992).
60. Richardson, C., Bowers, D., Eyeler, L., Heilman, K. (1992, February). *Asymmetrical control of emotional facial expression depends on the means of elicitation*. Presented at the 25th annual meeting of the International Neuropsychology Society, San Diego, CA. (Abstract: J. Clinical & Experimental Neuropsychology 14:95, 1992).
61. Morris, M., Bowers, D., Verfaellie, M., Blonder, LX, Cimino, C., Bauer, R., Heilman, K. (1992, February) *Emotional memory in right and left hemisphere damaged patients*. Presented at the 25th annual meeting of International Neuropsychology Society, San Diego, CA. (Abstract: J. Clinical & Experimental Neuropsychology 14:95, 1992).
62. Morris, M., Bowers, D., Verfaellie, M., Blonder, LX, Cimino, C., Bauer, R., Heilman, K. (1992, February) *Lexical denotation and connotation in right and left hemisphere damaged patients*. Presented at the 25th annual meeting of the International Neuropsychology Society, San Diego, CA. (Abstract: J. Clinical & Experimental Neuropsychology 14:105, 1992).
63. Bowers, D. (1992, July). Symposium on '*Behavioral and Neurologic Aspects of Social Communication Disorders in Children*' (Organizer and chair). Presented at the 25th annual mid-year meeting of the International Neuropsychology Society, Durham England (Abstract: J. Clinical & Experimental Neuropsychology)
64. Blonder, L.X., Burns, A., Bowers, D., Moore, R., & Heilman, K. (1992, July). *Spontaneous gesturing following right hemisphere damage*. Presented at the 25th mid-year meeting of the International Neuropsychology Society, Durham, England. (Abstract: J. Clinical & Experimental Neuropsychology, June 1992).
65. Jacobs, D., Bowers, D., Heilman, K. (1993, April). *Impaired facial emotional imagery in patients with Parkinson's disease*. Presented at the annual meeting of the American Academy of Neurology, New York. (Abstract: Neurology 43: Supplement 2 A276, 1993).
66. Bowers D., Richardson, C., Heilman, K., & Eyeler, L. (1994, February) *Dissociations between the perception and production of facial emotions*. Presented at the 27th annual meeting of the International Neuropsychology Society, Cincinnati, OH. (Abstract: J. Clinical & Experimental Neuropsychology).
67. Richardson, C., Bowers, D., Leonard, C.M., & Heilman, K.M. (1994, February). *Utility of digitized imaging for facial asymmetry research*. Presented at the 27th annual meeting of the International Neuropsychology Society, Cincinnati, OH. (Abstract: J. Clinical & Experimental Neuropsychology).
68. Kegl, J., Gilmore, R., Fennell, E., Bower, D., Poizner, H., & Heilman, K. (1994). *WADA testing of a deaf, left-handed ASL signer reveals right dominance for language*. Presented at the 27th annual meeting of the International Neuropsychology Society, Cincinnati, OH. J. Clinical & Experimental Neuropsychology).

69. Gilmore, R., Kegl, J., C. Leonard, D. Bowers, S. Roper, E. Fennell, H. Poizner, K. Heilman. (1994, March). *Functional cortical mapping of a left-handed deaf signer of ASL, right dominant for spoken and signed language*. Presented at the annual meeting for the Society for Cognitive Neuroscience. San Francisco, CA.
70. Bowers, D., Bauer, R., Verfaellie, M., & Valenstein, E. (1994, November). *Retrograde amnesia following a retrosplenial lesion*. Presented at the annual meeting for the Society for Neuroscience, Miami Fl. (Abstract: Neuroscience Abstracts, 1994, pp.)
71. Eckert, M.A., Lucas, T., Bowers, D., Leonard, C., Quisling, R., Gilmore, R. (1995, September). *Hippocampal MR volumes as a function of onset and duration in patients with left temporal lobe epilepsy*. Presented at the annual meeting of the American Electroencephalographic Society, Washington, DC.
72. Slomine, B., Bowers, D., Heilman, K.M., Bauer, R.M., & Bradley, M. (1995, November). *Shock induced anticipatory anxiety: Impact of right or left hemispheric lesions in humans*. Presented at the annual meeting of the Society for Neuroscience, San Diego (Abstract: Neuroscience Abstracts, 1995).
73. Eckert, M.A., Gautier, E., Gilmore, R., Kuldau, J., Bowers, D., Flynn, T., Quisling, R., & Leonard, M. (1995, November). *Superior temporal gyrus in schizophrenia and epilepsy*. Presented at the annual meeting for Society for Neuroscience, San Diego (Abstract: Neuroscience Abstracts 1995).
74. Briggs, R., Crosson, B., Sadek, J., Gokcay, D., Gordon, M. Kim, M., Crucian, G., Bowers, D., Nadeau, S., Anderson, J., Heilman, K. (1996, January). *Preliminary results from fMRI studies of motor activity at 1.5T*. Radiology Research Day, University of Florida, January 1996.
75. Bowers, D., Blonder, L.X., Slomine, B., Heilman, K. (1996, March). *Nonverbal Affect Signals: Patterns of deficits following hemispheric strokes using the Florida Affect Battery*. Paper presented at the annual meeting of the American Academy of Neurology, San Francisco (Abstract: Neurology, February 1996).
76. Chaskes, R., & Bowers, D. (1996, February). *Gender differences in the hedonic perception of odors*. Women's Health and Research: Applying the National Agenda. Gainesville, FL February 16, 1996.
77. Chaskes, R., Bowers, D. (1996, April). *Laterality effects in the hedonic perception of odors*. Presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
78. Kegl, J., Gilmore, R., Leonard, C., Bowers, D. Fennell, E., Roper, S. Trowbridge, P., Poizner, H., Heilman, K. (1996, August). *Lateralization and intrahemispheric localization studies of a familial left-handed deaf, epileptic signer of American Sign Language*. Presented at the 7th annual meeting of TENNET VII, Toronto, Canada.
79. Behrman, A., Light, K., Flynn, S., Bowers, D., Triggs, W., Friedman, W. (1996, November) *Upright mobility in Parkinson's Disease: Backward walking is the most difficult*. Presented at the annual meeting of the Society for Neuroscience, Washington, DC. (Abstract: Neuroscience Abstracts, November 1996).
80. Light, K., Behrman, S., Flynn, S., Bowers, D., Friedman, W. (1996, November). *Timing of functional movements for individuals with Parkinson's disease*. Washington DC. (Abstract: The Gerontologist).
81. Stearns, B., Bowers, D. Eckert, M., Lucas, T., Gilmore, R., Roper, S., Leonard, C., Barta, P. (1996, December). *Volumetric amygdala asymmetries differ from hippocampal asymmetries in temporal lobe epilepsy*. Presented at the annual meeting of the American Epilepsy Society, San Francisco, CA, December 1996.
82. Rogish, M., Zawacki, T., Schaffer, D., Gilmore, R., Bowers, D. (1997, February). *Crossmodal association of emotional stimuli in patients with unilateral anterior temporal lobe dysfunction*. Presented at the 30th annual meeting of the International Neuropsychology Society, Orlando, FL.

83. Bowers, D. (1997). *Startling Facts about Emotion: New Approaches to the Psychological study of emotion*. Workshop. Bowers (organizer). Pre-workshop presented at the 30th annual meeting of the International Neuropsychology Society, Orlando, FL.
84. Doty, L., Lombardi, D., Heilman, K.M., Bowers, D., Stewart, J., Gonzalez-Rothi, L. (1997, March). *Evaluation of Guidebook for family caregivers of patients with progressive dementia*. Women's Health and Research Conference, Gainesville, FL, March 1997.
85. Delisle, C., Eckert, M., Lucas, M., Bowers, D., Leonard, C., Barta, P. (1997, April) *MRI volumetric analysis of the amygdala and hippocampus involving verbal memory in Parkinson's disease*. Presented at annual meeting of the Southeast Psychological Association, Atlanta, GA.
86. Bowers, D., Crucian, G., Friedman, W.A., Triggs, W. Behrman, A., Greer, M. (1997, April). *Memory and neuropsychological status following computerized image guided stereotactic pallidotomy in Parkinson's Disease*. Presented at annual meeting of American Academy of Neurology, Boston, MA, (Abstract: Neurology, S1, 1997).
87. Bowers, D., Eckert, M., Gilmore, R., Bauer, R., Roper, S., Leonard, T., Bradley, M., Lang, P., Barta, P. (1997, October) *Startle eyeblink magnitude in humans depends on extent of right amygdala removal*. Presented at annual meeting of Society for Neuroscience, New Orleans, LA. (Abstract: Neuroscience Abstracts, October 1997.)
88. Bowers, D. (1997, December) *New paradigms for the study of emotional reactivity in temporal lobe epilepsy*. Invited speaker. Presented at the annual meeting of the American Epilepsy Society. Boston, MA.
89. Bowers, D. Gilmore, R. Bauer, R., Rogish, M., Kortenkamp, S., Gokcay, D., Bradley, M. & Roper, S. (1998, November). *Affect modulation of startle is disrupted by right, but not left, temporal resections involving the amygdala*. Presented at annual meeting of Society for Neuroscience, Los Angeles, CA. (Abstract: Neuroscience Abstracts Oct 1998).
90. Gilmore, R., Bowers, D., Bauer, R., Rogish, M., Kortenkamp, S., Gokcay, D., Bradley, M., Roper, R. (1998, December) *Startle modulation in complex partial epilepsy*. American Epilepsy Society, San Francisco, CA.
91. Bowers, D., Rogish, M. Eckert, M., Kortenkamp, S. Gilmore, R., Roper, S. (1999, February) *Decoding nonverbal social signals of fear and threat by patients with unilateral temporal ablations involving the amygdala*. Presented at the 32nd annual meeting of International Neuropsychology Society, Boston, MA. (Abstract: J. Clinical & Experimental Neuropsychology).
92. Kortenkamp, S., Bowers, D., Rogish, M., Bauer, R., Gilmore, R., Roper, S. (1999, February). *Odor affectivity: Impact of anterior temporal lobectomy*. Presented at the 32nd annual meeting of International Neuropsychology Society, Boston, MA. (Abstract: J. Clinical & Experimental Neuropsychology).
93. Crucian, G., Keiller, J., Hughes, J., Barrett, Williams, D, Bowers, D., Heilman, K. (1999, February). *Hemispheric differences in emotional reactions to false feedback*. Presented at the 32nd annual meeting of International Neuropsychology Society, Boston, MA. (Abstract: J. Clinical & Experimental Neuropsychology).
94. McCoy, K., Kortenkamp, S., Rossi, R, Bowers, D., Triggs, W., Greer, R. (1999, February) *Neuropsychological sequelae of transcranial magnetic stimulation for treatment of depression*. Presented at the 32nd annual meeting of International Neuropsychology Society, Boston, MA. (Abstract: J. Clinical & Experimental Neuropsychology).
95. Bowers, D., Rogish, M., Kortenkamp, S., Gilmore, R., Roper, S. (1999, April). *Processing fear and threat signals following temporal lobe lesions*. Presented at the annual meeting of the Cognitive Neuroscience Society, Washington DC..

96. Medina, J., Bowers, D., Gilmore, R., Rogish, M., Roper, S. (1999). *Retrieval of emotional memories in temporal lobe epilepsy*. Presented at the annual meeting of the American Epilepsy Society, Orlando, FL..
97. Gilmore, R., Fennell, E., Bowers, D., Bauer, R., Eisenschenk, S., Cibula, J., Quisling, R., Williams, L., Roper, S. (1999, December). *Methohexital Wada testing for prognosis of seizure outcome in patients undergoing anterior temporal lobectomy*. Presented at the annual meeting of the American Epilepsy Society, Orlando, FL.
98. Bowers, D. (2000, February). *Reflections on the contributions of Molly Harrower*. Symposium on "Historical Contributions to Clinical Neuropsychology: Biographic Perspectives" (Corwin Boake, organizer). Presented at 33rd annual meeting of International Neuropsychology Society, Denver CO. (Abstract. Journal International Neuropsychological Society, 1, S1, 2000).
99. Leritz, E., Loftis, C., Crucian, G., Bowers, D. (2000, February). *Self-awareness deficits in Parkinson's disease*. Presented at 33rd annual meeting of International Neuropsychology Society, Denver, CO. (Abstract. Journal International Neuropsychological Society, 1, S1, 2000).
100. McDonald, C., Crosson, B., Bowers, D. (2000, February). *Semantic encoding, memory and retrosplenial amnesia*. Presented at 33rd annual meeting of the International Neuropsychology Society, Denver, CO. (Abstract. Journal International Neuropsychological Society, 1, S1, 2000).
101. Gokcay, D., Bowers, D., Richardson, C., Desai, A. (June 2000) *Use of local entropy changes as a measure for identification of facial expressions*. Presented at the annual meeting of the ICASSP International Conference on Acoustics, Speech, and Signal Processing, Istanbul Turkey.
102. Desai, A., Bowers, D., Gokcay, D., Richardson, C. (2000, April). *Digitizing the Face: Emotion asymmetries and Gender*. Presented at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.
103. Pedraza, O., Bowers, D., Gilmore, R., Hamby, M. (2000, April) *Hemispheric asymmetry of amygdala volumes: A meta-analysis*. Presented at the annual meeting of the American Psychological Society, Miami, FL.
104. Bowers, D., Gilmore, R., Gokcay, D., Bauer, R., Roper, S. (2000, December) *Affect modulation of startle by verbal semantic stimuli: Laterality effects following temporal lobectomy*. Presented at the annual meeting of the American Epilepsy Society, Los Angeles, CA
105. Desai, A., Gokcay, D., Richardson, C., Hamby, M., & Bowers, D. (2001, February) *Digitizing the moving face during emotional displays: movement asymmetries*. Presented at the 34th annual meeting of the International Neuropsychology Society, Chicago, IL. (Abstract. Journal International Neuropsychological Society, 2, S1, 2001).
106. McDonald, C., Kortenkamp, S., Bowers, D. (2001, February) *The role of the retrosplenial region in the evaluation of emotional stimuli and memories*. Presented at the 34th annual meeting of the International Neuropsychology Society, Chicago, IL. (Abstract. Journal of the International Neuropsychological Society, 2, S1, 2001).
107. Pedraza, O., Selke, G., Demerit, J., Eckert, M., Bowers, D. (2001, February) *Contributions of hippocampal and amygdala asymmetries to verbal memory in temporal lobe epilepsy*. Presented at the 34th annual meeting of the International Neuropsychology Society, Chicago, IL.. (Abstract. Journal International Neuropsychological Society, 2001).
108. Bowers, D., Gilmore, R., Gokcay, D., Roper, S., Rogish, M., Kortenkamp, S. (2001, February). *Laterality effects in Verbal-Emotional Modulation of Startle Following Temporal Lobectomy*. Presented at the 34th annual meeting of the International Neuropsychology Society, Chicago, IL.. (Abstract. Journal International Neuropsychological Society, 2001).

109. Demery, J., Hamby, M., Bowers, D. (2001) *Affect modulation of startle response by the semantic representation of faces*. Presented at the 34th annual meeting of the International Neuropsychology Society, Chicago, IL. (Abstract. Journal International Neuropsychological Society, 2001).
110. Kortenkamp, S., Bauer, R., Bowers, D., Crosson, B., Fennell, E., Gilmore, R. (2001, February). *Verbal distraction during the CFT: an attempt to increase the sensitive to right TLE*. Presented at the 34th annual meeting of the International Neuropsychology Society, Chicago, IL. (Abstract. Journal International Neuropsychological Society, 2001).
111. Crucian, G.P., Barrett, A.M., Burks, D.W., Riestra, A.R., Roth, H.L., Schwartz, R.L., Triggs, W.J., Bowers, D., Friedman, W., Greer, M., & Heilman, K.M. (2001, February). *Object orientation in Parkinson's Disease*. Paper presented at the 34th annual meeting of the International Neuropsychological Society, Chicago, IL. (Abstract. Journal International Neuropsychological Society, 2001).
112. Selke, G., Fennell, E, Bowers, D. (2001, November). *Emotional reactivity and startle responses in children*. Presented at the annual meeting for the Society for Neuroscience, San Diego, CA (Abstract: Neuroscience Abstracts, Oct 2001).
113. Bowers, D., Gilmore, R., Selke, G., Eckert, M. (2001). *Memory, emotion, and hippocampal/amygdalar volumetrics in patients with Temporal Lobe Epilepsy*. Presented at the annual meeting of the American Epilepsy Society, Philadelphia, December 2001.
114. Selke, G., Fennell, E., Dikel, T., Bosch, W., Harrell, D., and Bowers, D. (2002, February). *Support for a developmental shift in emotional reactivity in male children*. Presented at 35th annual meeting of International Neuropsychology Society, Toronto, CA. (Abstract: Journal of International Neuropsychology Society, 8, 233).
115. Belanger, H., and Bowers, D. (2002, February). *Affective verbal memory following unilateral temporal lobectomy*. Presented at 35th annual meeting of International Neuropsychology Society, Toronto, CA. (Abstract: Journal of International Neuropsychology Society, 8, 235).
116. Leritz, E., Shenal, B., Crucian, G., and Bowers, D. (2002, February). *Differential effects of pallidotomy on depression and anxiety in Parkinson's disease*. Presented at 35th annual meeting of International Neuropsychology Society, Toronto, CA. (Abstract: Journal of International Neuropsychology Society, 8, 203).
117. Triggs, W., Bowers, D., Gokcay, D. (2002, April). *Lateralized asymmetry of facial motor evoked potential*. Presented at 54th annual meeting of American Academy of Neurology, Denver, CO. (Abstract: Neurology, 58, 268).
118. Bowers, D., Parkinson, B., Gober, T., Bauer, M.C., White, E., and Bongiolatti, S. (2002, November) *Two faces of emotion: patterns of startle modulation depend on facial expressions and on knowledge of evil*. Presented at 32nd annual meeting of Society for Neuroscience, Orlando, FL. (Abstract: Neuroscience Abstracts, 2002, 8, 780.9).
119. Pedraza, O. Bowers, D., Gilmore, R., and Eisenschenk, S. (2002, November). *A meta-analysis of MRI- based volumetric asymmetry of the hippocampus and amygdala in >1500 normal adults*. Presented at 32nd annual meeting of Society for Neuroscience, Orlando, FL. (Abstract: Neuroscience Abstracts, 2002, 8, 872.7).
120. Parkinson, B., Bongiolatti, S., Eisenshenk, S., Gilmore, R., and Bowers, D. (2003, February). *Diurnal mood variability following anterior temporal lobectomy*. Presented at 36th annual meeting of International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of International Neuropsychology Society, 9, 277).
121. Bowers, D., Bosch, W, Peden, C., Triggs, W., and Gokcay, D. (2003, February). *Faces of emotion in Parkinson's disease: Microexpressivity and bradykinesia during voluntary emotions*. Presented at 36th annual meeting of International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of

- International Neuropsychology Society, 9, 212).
122. Bowers, D., and Leritz, B. (2003, February). *Awareness deficits in Parkinson's disease*. Poster presented at 36th annual meeting of International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of International Neuropsychology Society, 9, 313)
 123. Pedraza, O., Bongiolatti, S., Bosch, W., Gokcay, D., and Bowers, D. (2003, February) *Static vs. dynamic measures of facial expression in Parkinson's disease*. Presented at 36th annual meeting of International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of International Neuropsychology Society, 9, 212).
 124. Hamby, M., Desai, A., Gokcay, D., and Bowers, D. (2003, February). *Digitizing the moving face during non-emotional expressions*. Presented at 36th annual meeting of International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of International Neuropsychology Society, 9, 265).
 125. Selke, G., McDonald, C., and Bowers, D. (2003, February) *Retrosplenial contributions to verbal emotional processing*. Presented at the 36th annual meeting of the International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of International Neuropsychology Society, 9, 186).
 126. Rogish, M., Bowers, D., Bauer, R., and Gilmore, R. (2003, February) *The differential contribution of perceived social support and surgical outcome on depression in post-surgical ATL epilepsy patients*. Poster presented at 36th annual meeting of International Neuropsychology Society, Honolulu, HI. (Abstract: Journal of International Neuropsychology Society, 9, 277).
 127. Pedraza, O., Springer, S., Gober, T., Okun, M, and Bowers, D. (2003, October) *The effect of unilateral pallidotomy on proactive interference and verbal learning*. Paper presented at 17th Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders, San Francisco, CA. (Abstract: Movement Disorders, 18, 1087).
 128. Seignorel, P., Miller, K., Okun, M., and Bowers, D. (2003, October). *Startle eyeblink in psychogenic movement disorder*. Poster presented at Psychogenic Movement Disorder Workshop. Movement Disorders Society, Atlanta, GA.
 129. Miller, K., Kortenkamp, S., Rogish, M., Gilmore, R., Roper, S., and Bowers, D. (2003, November) *Odor preference deficits following right, but not left temporal lobectomy*. Poster presented at 33rd annual meeting of Society for Neuroscience, New Orleans, LA. (Abstract: Neuroscience Abstracts, 2003).
 130. Bowers, D., Bosch, W., Gober, T., Montijo, H., Miller, K., Springer, U., Foote, K., and Okun, M. (2004, February). *Startling facts about emotion in Parkinson's disease*. Presented at 37th annual meeting of International Neuropsychology Society, Baltimore, MD. (Abstract: Journal of International Neuropsychological Society, 10, S1, 69).
 131. Springer, U., Bowers, D., Shapira, N., Goodman, W., Heilman, K., Foote, K., and Okun, M. (2004, February). *Long term habituation of stimulation-induced smiling in a patient with deep brain stimulation*. Poster presented at 37th annual meeting of International Neuropsychology Society, Baltimore, MD. (Abstract: Journal of International Neuropsychological Society, 10, S1, 155-56).
 132. Crucian, G., Burks, D., Mielke, J., Shenal, B., Rhodes, R., Grande, L., Womack, K., Riestra, A., Okun, M., Bowers, D., and Heilman, K. (2004, February) *Memory in Parkinson's disease: a step-wise analysis*. Poster presented at 37th annual meeting of International Neuropsychology Society, Baltimore, MD. (Abstract: Journal of International Neuropsychological Society, 10, S1, 66).
 133. Miller, K., Bowers, D., Bosch, W., Gober, T., Montijo, H., Springer, S., Foote, K., and Okun, M. (2004, February). *Reduced fear-potentiated startle in medicated Parkinson's disease patients*. Poster presented at 37th annual meeting of International Neuropsychology Society, Baltimore, MD. (Abstract: Journal of International Neuropsychological Society, 10, S1, 70).

134. Bowers, D., Kirsch, L., Springer, U., Miller, K., Crucian, G., Foote, K., and Okun, M. (2004, April). *Psychophysiologic blunting in Parkinson's Disease*. Presented at 56th Annual Meeting of the American Academy of Neurology, San Francisco, CA. (Abstract: Neurology, 62, 421).
135. Okun, M., Bowers, D., Springer, U., Shapira, A., Malone, D., Rezai, A., Nuffin, B., Heilman, K., Morecraft, R., Rasmussen, S., Greenberg, B., Foote, K., and Goodman, W. (2004, April). *What's in a smile? Intra-operative observations of contralateral smiles induced by deep brain stimulation*. Presented at 56th Annual Meeting of the American Academy of Neurology, San Francisco, CA. (Abstract: Neurology, 62, 392).
136. Pedraza, O., Lucas, J., Smith, G., Willis, F., Graff-Radford, N., Petersen, R., Ferman, T. Bowers, D., and Ivnik, R. (2004, July). *Factor validity and cross-cultural equivalence of a Core Neuropsychological Test Battery in elderly African Americans*. Presented at 9th International Conference on Alzheimer's Disease and Related Disorders, Philadelphia PA. (Abstract: Neurobiology of Aging, 25: S134-S134 Suppl. 2, Jul 2004).
137. Fernandez, H., Crucian, G., Jacobson, C., Freeman, K., Patel, N., Munson, Bowers, D., and Okun, M. (2004, October). *Cognitive impairment parallels motor progression in Parkinson's disease*. Presented at the 18th Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. (Abstract: Movement Disorders, 19, 1125-1126).
138. Shapira, A., Wint, D., Bowers, D., Springer, U., Fernandez, H., Goodman, W., Foote, K., Okun, M. (2004, October). *Fear and panic induced by deep brain stimulation*. Presented at the 18th Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. (Abstract: Movement Disorders, 19, 1130).
139. Willard, K., Licht, B., Gilmore, R., Licht, F., Sackellares, J.C., Eisenschenk, S., Bowers, D., Hyson, L., and Kirsch, L. (2004, December). *Affect in epilepsy patients undergoing video-EEG monitoring: Retrospective versus momentary assessment and temporal relation to seizures*. Presented at the 58th annual meeting of the American Epilepsy Society, New Orleans, LA. (Abstract: Epilepsia, S1, 2004).
140. Bowers, D., Parkinson, B., Gilmore, R., Roper, S., and Eisenschenk, S. *Diurnal mood variability following right and left temporal lobectomy*. (2004, December). Presented at the 58th annual meeting of the American Epilepsy Society, New Orleans, LA. (Abstract: Epilepsia).
141. Springer, U., Norton, J., Rosas, A., McGetrick, J., and Bowers, D. (2005, February). *Modulation of emotional reactivity via semantic knowledge of famous faces*. Presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 35).
142. Pedraza, O., Bowers, D., Marsiske, M., Fennell, E., and Bauer, R. (2005, February). *Relationship between intellectual ability and malingering on the LMT, WMT, and CARB*. Poster presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 83).
143. Pedraza, O., Bowers, D., Bauer, R., Fennell, E., and Marsiske, M. (2005, February). *Classification accuracy of malingering measures in a yoked control group design*. Poster presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 85).
144. Bowers, D., Gokcay, D., Springer, U., Ghacibeh, G., Triggs, W. (2005, February). *A cortico-motor hypothesis for face expression asymmetries: converging data from TMS and face digitizing*. Paper presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 104).
145. Triggs, W., Ghacibeh, G., Springer, U., and Bowers, D. (2005, February). *Lateralized asymmetry in motor control over the lower face: A TMS-MEP study*. Paper presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International

Neuropsychological Society, 11, S1, 105).

146. Kirsch, L., Fernandez, H., Okun, M., Romrell, J., Jacobsen, C., and Bowers, D. (2005, February). *Examining apathy and depression in Parkinson's disease*. Poster presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 160).
147. Price, C., Eisenschenk, S., Gilmore, R., and Bowers, D. (2005, February). *Circadian cortisol rhythms after right or left temporal lobectomy*. Poster presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 57).
148. Miller, K., Bowers, D., Price, C., Montijo, H., Springer, U., Kirsch, L., Foote, K., and Okun, M. (2005, February). *Clinical utility of the "N-back" test in detection of working memory impairment in Parkinson's Disease*. Presented at 38th annual meeting of the International Neuropsychology Society, St. Louis, MO. (Abstract: Journal of International Neuropsychological Society, 11, S1, 163).
149. Kirsch, L., Fernandez, H., Okun, M., Romrell, J., Jacobsen, C., and Bowers, D. (2005, April). *Apathy and depression in patients with Parkinson's disease or Dystonia*. Presented at the 57th annual meeting of the American Academy of Neurology, Miami, FL (Abstract: Neurology, 64 (6), Suppl. 1, March 22, 2005). **Selected by AAN as a meeting highlight.**
150. Okun, M., Knight, W., Shapira, A., Bowers, D., Springer, U., Martin, P., Munson, S., Fernandez, H., Mann, G., Goodman, W., & Foote, K. (2005, April). *Benefits and side effects from acute blinded stimulation of the anterior limb of the internal capsule and the nucleus accumbens*. Presented at 57th annual meeting of the American Academy of Neurology, Miami, FL. Okun, M., (Abstract: Neurology, 64 (6), A77-A77 Suppl. 1, Mar 22 2005).
151. De Zayas, M., Price, C., Miler, K., Dickey, D., & Bowers, D. (2005, April). *Decline in working memory for verbal material over 3 age groups*. Poster presented at Southeastern Psychological Association, Atlanta, GA.
152. Wood, M., Price, C., Montijo, H., Bowers, D., Leonard, C., Schmalfuss, I. (2005, July). *Volumetric measurement of the entorhinal cortex: A reliability analysis*. Presented at Alzheimer's Association International Congress on the Prevention of Dementia: Early Diagnosis and Intervention. Washington, D.C.
153. Miller, K., Bowers, D., Fernandez, H., Foote, K., Okun, M.S. (2005, October) *Comparison of mood profiles across Parkinson's disease, Essential Tremor, and dystonia Patients*. Presented at 19th Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders (Abstract: Movement Disorders, September 2005).
154. Kellison, I., Price, C., Dickey, D., Shugarman, I, Bowers, D., Gearen, P., & Monk, T. (2005, October). *Influence of smoking history on cognitive decline after orthopedic surgery*. Poster presented at National Academy of Neuropsychology, Tampa, FL (Abstract: Archives of Clinical Neuropsychology, 20 (7): 860, October 2005).
155. Springer, U.S., McGetrick J., Rosas, A., & Bowers, D. (2006, February). *Differences in psychophysiologic reactivity while viewing static vs dynamic facial affect*. Presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 227).
156. Mikos, A., Lopez, M., Price, C., & Bowers, D. (2006, February). *Memory for emotional words in mild cognitive impairment*. Presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 120).
157. Miller, K.M., Bowers D., Fernandez H.H., Jacobson, C., Foote, K.D., & Okun, M.S. (2006, February) *Patterns of depressed mood symptoms in Parkinson's disease, dystonia, and essential tremor*.

- Presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 236).
158. Kellison, I., Sapienza, C., Springer, U., Okun, M., Bowers, D. (2006, February). *Improved facial expressivity in a patient with idiopathic parkinson's disease after expiratory muscle strength treatment*. Poster presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 114).
 159. Kirsch-Darrow, L., Marsiske, M., Mikos, A., Fernandez, H., Okun, M., Bowers, D. (2006, February). *Apathy: An important "factor" in Parkinson's disease*. Poster presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 114).
 160. Kirsch-Darrow, L., Kellison, I., Mikos, A., & Bowers, D. (2006, February). *Apathy in the absence of frontal cognitive deficits: a case study*. Poster presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 230).
 161. Selke, G., Mikos, A., Springer, U., Goodman, W., Okun, W., Bowers, D. (2006, February). *Enhanced startle modulation to contamination pictures in Obsessive Compulsive Disorder: a case study*. Poster presented at 39th annual meeting of the International Neuropsychology Society, Boston, MA. (Abstract: Journal of International Neuropsychological Society, 12, S1, 230).
 162. Price, C. C., Bowers, D., Schmalfluss, I., Libon, D., Heilman, Dickey, D., Gearen, P., K., Monk, T. (2006, February). . White matter abnormalities and post-operative cognitive dysfunction in healthy older adults. Paper presented at: Symposium on Vascular Disease in Demented and nondemented patients: the Paradigm of Vascular Load, 39th annual meeting of the International Neuropsychology Society, Boston, MA (Abstract: Journal of the International Neuropsychological Society, 12, S, p .265).
 163. Fernandez, H., Williams, L., Seignourel, P., Crucian, G., Bowers, D., Okun, M. (2006, April). *Laterality, location, type and severity of motor dysfunction may predict cognitive decline in Parkinson's disease*. Presented at the 58th annual meeting of the American Academy of Neurology, San Diego, CA. (Abstract: Neurology, March 2006).
 164. Pavon, J.M., Thomas, P.C., Bowers, D., Lopez, M., Crucian, G.P., Okun, M.S. (2006). *Neuropsychological function and age impact extended hospital stay following DBS*. Poster presented at ??? (Abstract: Movement Disorders, 21: S119 Suppl 13, 2006).
 165. Wood, M., Price, C., Montijo, H., Bowers, D., Leonard, C., Schmalfluss, I. (2006). *Volumetric measurement of the entorhinal cortex: A reliability and validity analysis*. Poster presented at symposium of University Scholars Program. Gainesville, FL.
 166. Mikos, A., Miller, M., Gadwal, S., Norton, J., Okun, M., Bowers, D. (2006, August). *Reduced emotional modulation of startle eyeblink in Essential Tremor*. Presented at the annual meeting of the American Psychological Association, New Orleans, LA. (Abstract: The Clinical Neuropsychologist, 20: 598-598, Sept 2006).
 167. Springer, U., Chang Y., Graf-Radford, J., Jacobson, C. Crucian, G., Okun, M., Bowers, D. (2006, August). *Neuropsychological profile of pre-surgical Essential Tremor*. Presented at the American Psychological Association, New Orleans, LA. (Abstract: The Clinical Neuropsychologist, 20: 599-599, Sept 2006).
 168. Kellison, I., Kirsch-Darrow, L., Lopez, M., Crucian, G., Fernandez, H., Okun, M., Bowers, D. (2006, August). *Apathy and executive function in non-demented Parkinson's disease*. Presented at the American Psychological Association, New Orleans, LA. (Abstract: The Clinical Neuropsychologist, 20: 597-597, Sept 2006).
 169. Okun, M., Mikos, A., Gadwal, S., Norton, J., Fernandez, H., Rodrigues, R., & Bowers, D. (2006,

- October). *Enhanced startle with dopaminergic administration in subjects with Parkinson disease*. International Parkinson Congress, Kyoto, Japan. (Abstract: Movement Disorders, 21: 2590, P949, Supp 15, 2006).
170. Kirsch, L., Bowers, D., Fernandez, H., Rodriguez, R., Okun, M.S. (2006, October) *Relationship between apathy symptoms and levodopa dosage in Parkinson's disease*. Presented at International Parkinson Congress, Kyoto, Japan. (Abstract: Movement Disorders 12 (Suppl 15): 558.
171. Okun, M.S., Roy, A., Garvan, C., Fernandez, H., Rodriguez, R.L., Loring, D., Meador, K. (2006). *Does perceived cognitive dysfunction on the PDQ-39 correlate with cognitive dysfunction in Parkinson's disease*. Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Chicago, Ill (Abstract: Movement Disorders, 21(9): 1545-1545, 2006).
172. Seignourel, P., Okun, M., Miller, K., Kellison, I., Bauer, R., Fernandez, H., Rodriguez, R., Repetto, M., Bowers, D. (2006, October). *Abnormal affective startle modulation in psychogenic movement disorders*. Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Chicago, Ill. (Abstract: Movement Disorders, 21 (9), 1549-1549, September 2006).
173. Halkias, I., Krishnan, M., Seignourel, P., Bowers, D., Rosado, C.A., Fernandez, H.H., Rodriguez, R.L., Skidmore, F., Foote, K.D., & Okun, M.S. (2006, October). *The Florida Surgical Questionnaire for Parkinson's disease (FLASQ-PD): A potential triage tool for cognitive dysfunction in DBS candidates*. Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Chicago, Ill (Abstract, Movement Disorders, 21 (9), 1553, Sept 2006).
174. Anderson, A.M., Skoblar, B.M., White, T., Jacobson, C., Fernandez, H., Foote, K.D., Okun, M.S., Bowers, D. (2007, February). *Selection of normative reference data influences clinical considerations*. Presented at 40th Annual Meeting of the International Neuropsychological Society, Portland, OR. (Abstract: Journal of International Neuropsychological Society, S1, 2007).
175. Mikos, A., Wood, M., Price, C., & Bowers, D. (2007, February). *Aging, emotional memory, and the hippocampus*. Presented at 40th Annual Meeting of the International Neuropsychological Society, Portland, OR. (Abstract: Journal of International Neuropsychological Society).
176. Springer, U., Conwell, E., Norton, J., Rosas, A., & Bowers, D. (2007, February). *Investigating facial movement asymmetries in the spontaneous expression of positive and negative emotion*, Presented at 40th Annual Meeting of the International Neuropsychological Society. Portland, OR . (Abstract: Journal of International Neuropsychological Society, S1, 2007).
177. Kellison, I., Price, C., Woods, M., & Bowers, D. (2007, February). *Mild cognitive impairment: Memory, cortisol, and hippocampal volumetrics*. Presented at 40th Annual Meeting of the International Neuropsychological Society. Portland, OR. (Abstract: Journal of International Neuropsychological Society, S1, 2007).
178. Kirsch, L., Okun, M., Fernandez, H., & Bowers (2007, February) *Parkinson's disease: Relationship between apathy and dopaminergic medication*. Presented at 40th annual meeting of the International Neuropsychological Society. Portland, OR. (Abstract: Journal of International Neuropsychological Society, S1, 2007).
179. Skoblar, B., Crucian, G., Anderson, A., Foster, P., Drago, Bowers, D., Okun, M., Heilman, K. (2007, February). *Neuropsychological prediction of memory function in Parkinson's disease*. Presented at 40th annual meeting of the International Neuropsychological Society. Portland, OR. (Abstract: Journal of International Neuropsychological Society, S1, 2007).
180. Kellison, I., Kirsch-Darrow, L., Fernandez, H., Okun, M.S., Bowers, D. (2007, April). *Apathy in non-demented Parkinson Disease: Relationship to executive dysfunction?* Presented at annual meeting of American Academy of Neurology, Boston MA. (Abstract: Neurology, March 2007). **Selected as**

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181. Mikos, A., Skoblar, B., Kellison, I., Nizenzon, A., Springer, U., Fernandez, H., Okun, M.S., & Bowers, D. (2007, June). *Behind the masked face: Emotion self-perception and apathy in PD patients*. Presented at International Parkinson Congress, Istanbul Turkey. (Abstract: Movement Disorders 2007, September 2007)
182. Cooper CA, Wood MF, Mikos AE, Kirsch L, Jacobson C, Okun MS, Rodriguez RL, Bowers D, Fernandez HH (2007, September). *Laterality of Motor Impairment Could Play a Role in Cognitive Function in Parkinson Disease*. Presented at the Annual meeting of the Florida Society of Neurology, Orlando, FL.
183. Mikos AE, Cooper CA, Wood MF, Kirsch L, Jacobson C, Fernandez HH, Okun, MS, Rodriguez RL, Bowers D. (2007, September). *Axial versus appendicular motor impairments are associated with different cognitive deficits in Parkinson Disease*. Presented at the Annual meeting of the Florida Society of Neurology, Orlando, FL.
184. Skoblar, B.M., Mikos, A.E., Nizenzon, A., Kirsch-Darrow, L., Okun, M.S., Fernandez, H.H., Bowers, D. (2007, October). *The contribution of apathy to global cognitive status in Parkinson's disease*. Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders, Washington, DC. (Abstract: Movement Disorders, September 2007).
185. Kirsh-Darrow, L., Zahodne, L., Skoblar, B., Hass, C., Jacobson, C., Okun, M.S., Fernandez, H.H., Bowers, D. (2007, October). *Assessing apathy with the UPDRS: Comparison with the Apathy Evaluation Scale*. Presented an Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders, Washington, DC. (Abstract: Movement Disorders, September 2007)
186. Okun, M.S., Fernandez, H.H., Bowers, D., Wu, S., Suelter, M., Jacobson, C., Rodriguez, R.L., Foote, K.D. (2007, October). *The cognition and mood in Parkinson Disease (CoMPare) DBS Trial*. Presented at annual meeting of the American Neurologic Association, Washington, DC. (Abstract:)
187. Kaufman, D., Perlstein, W.M., Okun, M.S., Fernandez, H.F., Bowers, D. (2007, October). *Apathy, emotional symptoms, and P3 response in Parkinson's disease*. Presented at Society for Psychophysiological Research., Savannah, GA (Abstract: Psychophysiology, 2007, 44, Suppl 1: S1-111)
188. Kaufman, D., Perlstein, W.M., Bishop, M., & Bowers, D. (2007, October). *Age-related changes in P3 response and executive functioning*. Presented at Society for Psychophysiological Research, Savannah, GA (Abstract: Psychophysiology, 2007, 44, Suppl 1: S1-111).
189. Pavon, J.M., Thomas, P.C., Bowers, D, Roy, A., Garvan, C., Okun, M.S. (2007, November). *Impact of Age and Neuropsychological Function on Extended Hospital Stay following Deep Brain Stimulation*, 60th annual meeting of the Gerontological Society of America, San Francisco, CA. (Abstract: The Gerontologist, S1, Oct. 2007).
190. Mikos, A.E, Parker, B., Kirsch-Darrow, L., Jacobson, C., Okun, M.S., Fernandez, H.H., Bowers, D. (2008, February). *Concurrent validity between a computerized battery and the DRS-2 in the cognitive screening of movement disorders patients*. Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. (Abstract: Journal of International Neuropsychological Society).
191. Mikos, A., Skoblar, B., Springer, U.S., Kellison, I.L., Nizenzon, A., Fernandez, H.H., Okun, M.S., Bowers, D. (2008, February). *Emotion self-perception in Parkinson Disease*. Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. (Abstract: Journal of International Neuropsychological Society).
192. Springer, U.S., Parker, B., Fernandez, H.H., Crucian, G.P., Okun, M.S., Bowers, D (2008, February) *Operating characteristics of Mindstreams' Visual Spatial Perception Score in Parkinson's Disease*.

Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. .
(Abstract: Journal of International Neuropsychological Society).

193. Kirsch-Darrow, L., Zahodne, L., Mikos, A., Skoblar, B. Hass, C., Jacobson, C., Fernandez, H., Okun, M.S., Rodriguez, R., Bowers, D. (2008, February) *Apathy measurement in Parkinson's disease; Comparing the UPDRS item 4 and the Apathy Evaluation Scale*. Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. . (Abstract: Journal of International Neuropsychological Society).
194. Zahodne, L.B., Kellison, I., Okun, M.S., Fernandez, H.H., Bowers, D. (2008, February). *Changes in Apathy and Depression over Time among Patients with Parkinson's Disease*. Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. . (Abstract: Journal of International Neuropsychological Society).
195. Zahodne, L., Young, S., Nisenzon, A., Jacobson, C., Fernandez, H.H., Okun, M.S., Bowers, D. (2008, February). *Profiles of apathy among Parkinson patients in the United States*. Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. (Abstract: Journal of International Neuropsychological Society).
196. Bowers, D., Kirsch-Darrow, L., Mikos, A., Springer, U.S., Fernandez, HH, Okun, MS. (February 2008). *Apathy in non-demented Parkinson Disease: Relationship to psychophysiological blunting*. Presented at 41st annual meeting of the International Neuropsychological Society, Waikoloa, HI. . (Abstract: Journal of International Neuropsychological Society).
197. Okun, M.S., Fogel, A., Skoblar, B., Zeilman, P., Foote, K.F., Bowers, D. (2008, April). *Patient centered outcomes for Deep Brain Stimulation*. Presented at American Academy of Neurology, Chicago IL (Abstract: Neurology, March 2008).
198. Bowers, D., Kirsch-Darrow, L., Mikos, A., Springer, U.S., Fernandez, HH, Okun, MS. (2008, April). *Apathy and psychophysiologic blunting in Parkinson Disease*. Presented at annual meeting of American Academy of Neurology, Chicago, IL. (Abstract: Neurology, March 2008)
199. Kaufman, D.S., Perlstein, W.M., Blanco, M.J., Larson, M.J., Okun, M.S., Fernandez, H.F., Bowers, D. (2008, April). *Relationship between Apathy and the P3 Responses in Parkinson Disease*. Presented at American Academy of Neurology, Chicago, IL. (Abstract: Neurology, March 2008.)
200. Kluger, B., Garvan, C., Jaconson, C., Rodriguez, R., Fernandez, H., Fogel, A., Skoblar, B., Bowers, D., & Okun, M.S. (2008, April). *Prevalence and Clinical Significance of Fatigue following Deep Brain Surgery in Parkinson's disease*. Presented at American Academy of Neurology, Chicago, IL (Abstract: Neurology, March 2008.)
201. Cooper, C.A., Wood, M.F., Mikos, A.E., Kirsch, L., Jacobson, C., Okun, M.S., Rodriguez, R.L., Bowers, D., & Fernandez, H.H. (2008, April). *Laterality of Motor Impairment Could Play a Role in Cognitive Function in Parkinson Disease*. Presented at the Annual Meeting of the American Academy of Neurology, Chicago IL, Chicago, IL.. (Abstract: Neurology, March 2008).
202. Okun, M.S., Fernandez, H.H., Wu, S.S., Kirsch-Darrow, L., Bowers, D., Suelter, M., Jacobson, C., Wang, X., Gordon, C., Zeilman, P., Romrell, J., Martin, P., Rodriguez, R., Foote, K.D. (2008, June). *Cognition and Mood in Parkinson Disease after Unilateral STN versus GPi DBS: The COMPARE Trial*. Presented at 12th International Congress of Parkinson's Disease, Chicago, Ill. (Abstract: Movement Disorders)
203. Okun, M.S., Fernandez, H.H., Wu, S.S., Kirsch-Darrow, L., Bowers, D., Suelter, M., Jacobson, C., Wang, X., Gordon, C., Zeilman, P., Romrell, J., Martin, P., Rodriguez, R., Foote, K.D. (2008, June). *Cognition and Mood in Parkinson Disease after Unilateral STN versus GPi DBS: The COMPARE Trial*. Presented at meeting of annual meeting of AASFN, Vancouver, Canada
204. Nisenzon, A.N., Springer, U.S., Mikos, A., Okun, M.S., Fernandez, HF., Bowers, D. 2008, August). *Effect of Motor Symptom Onset Asymmetry on Facial Expressivity in Parkinson Disease*. Presented

- at annual meeting of American Psychological Association, Boston, MA. (Abstract: Clinical Neuropsychologist, 22 (4), 742-43).
205. Bowers, D., Springer, Mikos, A., Nisenzon, A., Sapienza, C., Fernandez, H., Okun, M.S., (2008, September). *Role of dopaminergic medications in influencing masked faces in Parkinson disease: Timing is key*. Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Salt Lake City, UT (Abstract: Movement Disorders, August 2008, 23 (11), 1629).
 206. Haq, I.U., Foote, K.D., Wu, S., Goodman, W.G., Sudhyadhom, A., Bowers, D., Fernandez, H.h., Jacobson, C.C., & Okun, M.S. (2008). Brain Regions for smile and panic phenomena induced during intraoperative test stimulation in obsessive compulsive disorder (OCD). Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Salt Lake City, UT (Abstract: Movement Disorders, August 2008, 23, (S1), 2386-87).
 207. Price, C.C., Mikos, A.E., Keiski, M.A., Fernandez, H.H., Okun, M.S., Bowers, D. (2008 September). *Intact global cognition on the DRS-2 in Parkinson disease may be misleading*. Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Salt Lake City, UT (Abstract: Movement Disorders, August 2008, 23, 11, 1635.).
 208. Zahodne, L., Okun, M.S., Foote, K., Fernandez, H.H., Bowers, D. (2008, September). *Cognitive Declines One Year after Unilateral STN and GPI Deep Brain Stimulation Surgery in Parkinson's Disease*. Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Salt Lake City, UT. (Abstract: Movement Disorders, August 2008, 23, 11).
 209. Mikos, A.E., Okun, M.S., Zahodne, L., Foote, K., Bowers, D. (2008, September). *Declines in Memory and Processing Speed after Unilateral Deep Brain Stimulation Surgery for Parkinson's disease*. Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders. Salt Lake City, UT (Abstract: Movement Disorders, August 2008, 23(11), 1634).
 210. Mikos, A., Okun, M.S., Noecker, A., Zahodne, L., Kirsch-Darrow, L., Won, M., McIntyre, Foote, K., Fernandez, H.H., Bowers, D. (2009, February). *Unilateral DBS for Parkinson's disease: Experiments to Dissect the Effects on Cognition and Language*. Paper as part of Symposium on "Brain Ganglia and Cognition", 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. . (Abstract: Journal of International Neuropsychological Society, S1, 2009).
 211. Mikos, A. E., Okun, M. S., Kirsch-Darrow, L., Zahodne, L., Foote, K. & Bowers, D. (2009, February). *Characterizing verbal fluency declines associated with unilateral DBS for Parkinson's disease*. Presented at 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. . (Abstract: Journal of International Neuropsychological Society, S1.2009).
 212. Springer, U., Troche, J., Kuhn, G., Crucian, G., Fernandez, H., Rodriguez, R. Okun, M.S., Bowers, D. (2009, February). *Computerized Self-Ordered Working Memory Performance in Nondemented Parkinson Disease*. Presented at 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).
 213. Bowers, D., Springer, U., Mikos, A., Syme, M., Sapienza, C., Fernandez, H., Okun, M.S. Bowers, D. (2009, February). *Dopamine and Masked Faces in Parkinson Disease*: Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. . (Abstract: Journal of International Neuropsychological Society, S1, 2009).
 214. Mikos, A., Okun, M. S., Zahodne, L., Fernandez, H., Foote, K., Jacobson, C., & Bowers, D. (2009, February). *Declines in word recall and processing speed after deep brain stimulation surgery for Parkinson disease: A controlled study using reliable change*. Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).
 215. Keiski, M., G. Z. Reckess, C. C. Price, M. S. Okun, D. Bowers (2009, February) *Equivalence of*

WCST-128 and WCST-64 in Pre and Post DBS Patients with Parkinson's Disease Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).

216. L. E. Kirsch-Darrow, M. Marsiske, M. Okun, K. Foote, D. Bowers. (2009, February). *Longitudinal Change in Apathy Following Deep Brain Stimulation for Parkinson's Disease*. Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).
217. Zahodne, L.B., Nisenzon, A., Price, C.E., Bauer, R.M., Fernandez, H.H., Okun, M.S., & Bowers, D. (2009, February). *Comparing memory for word lists and stories in Parkinson's disease: Disease effect or psychometric artifact?* Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).
218. Zahodne, L., Okun, K.D. Foote, H.H. Fernandez, D. Bowers. (2009, February) *A Reliable Change Analysis of Cognitive Declines One Year after Unilateral Deep Brain Stimulation Surgery in Parkinson's Disease*. Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).
219. Miller, K., Okun, M.S., Marsiske, M., Fennell, E.B., Bowers, D. (2009, February). *Arousal modulated startle reflex hyporeactivity in Parkinson's disease*. Presented at the 42nd annual meeting of the International Neuropsychological Society, Atlanta, GA. (Abstract: Journal of International Neuropsychological Society, S1, 2009).
220. Kirsch-Darrow, L, Marsiske M., Okun, M., Foote, K., & Bowers, D. *Longitudinal Change in Apathy Following Deep Brain Stimulation for Parkinson's Disease*. (2009, April). Presented at 61st meeting of the American Academy of Neurology, Seattle, WA. (Abstract: Neurology, March 2009, 72(11), A221-222).
221. Zahodne, L., Okun, M.S., Foote, K., Fernandez, H., Rodriguez, R., Kirsch-Darrow, L., Wu, S., & Bowers, D. (2009, April). *Greater improvements across quality of life domains following unilateral deep brain stimulation surgery in GPi as compared to STN: Results from a randomized, controlled trial in Parkinson disease*. Presented at 61st meeting of the American Academy of Neurology, Seattle, WA. (Abstract: Neurology, 72 (11), A221, Suppl. 3, 2009).
222. Nadeau, S.E., Ricciulti, N., Ward, H., Cheng, J., Bowers, D., Triggs, W. (2009, April), *rTMS treatment of refractory depression: stimulus laterality effect exceeds rTMS effect*. Presented at 61st meeting of the American Academy of Neurology, Seattle, WA. (Abstract: Neurology, 72 (11), A280, Suppl. 3, 2009).
223. Mikos, A., Noecker, A., Chaturvedi, A., Bowers, D., Foote, K., Okun, M.S., McIntyre, C.C. (2009, October). *Relationship of Patient-Specific Models of Deep Brain stimulation to Verbal Fluency Performance*. 23rd Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders, Baltimore, MD (Abstract: Movement Disorders, 24, S481, Suppl. 1, 2009)..
224. Burdick, A., Haq, I., Okun, M. S., Ward, H. E., Bova, F., Jacobson, C., Bowers, D., Zeilman, P., Foote, K. D. (2009) Prevalence of Twiddler's syndrome as a cause of deep brain stimulation hardware failure. Presented at 23rd Annual Symposium on Etiology, Pathogenesis, and Treatment of Parkinson's Disease and Other Movement Disorders, Baltimore, MD (Abstract: Movement Disorders, 24, S481, Suppl.1, 2009).
225. Haq IU, Foote KD, Wu SS, Goodman, W.G., Sudhyadhom, A., Ricciuti, N., Goodman, W., Siddiqui, M., Bowers, D., Jacobson, C., Ward, H., Okun, M.S. *A Small Pilot Study of Smile Induction in the NIH OCD DBS Cohort: A Potential Predictor of Therapy Response?* Presented at annual meeting of the American Neurologic Association, (Abstract: Annals of Neurology, Volume 66, S78-79, Suppl 13, 2009).

226. Schoenfield, K., Jordan, L., Bowers, D. (2009, November) *The Emotional Enhancement Effect in Memory: Differences Between Age and Gender Groups* . Presented at Annual Biomedical Research Conference for Minority Students (ABRCMS), Phoenix, AZ.
227. Hass, C., Vallabhajosula, S., Zahodne, L., Sozda, C., Nocera, J., Bowers, D., Fernandez, H. (2010, February). *Is Apathy associated with Postural Control in Parkinson's Disease*. Presented at Annual meeting of Gait and Mental Function Conference, Washington, DC.
228. Kirsch-Darrow, L.D., Marsiske, M.S., Okun, M.S., Foote, K., Fernandez, H.H., Bowers, D. (2010, February). *Apathy and Depression: Separate Factors in Parkinson's Disease*. Presented at 43rd annual meeting of the International Neuropsychological Society, Acapulco, Mexico. (Abstract: Journal of the International Neuropsychological Society, S1, 2010).
229. Jordan, L.B., Ferencz, B., McKentley, H., Okun, M.S., Bowers, D. (2010, March). *Anhedonic Deficits in Parkinson's Patients with Apathy*. American Neuropsychiatric Association, Tampa FL. , (Abstract: J. Neuropsychiatry & Clinical Neuroscience, Suppl 2, 2010, 74(9), A80).
230. Jordan, L., Dietz, J., Clark, A., McKentley, H., Okun, M.S., Bowers, D. (2010, April). *Muted Enhancement of Emotional Memory in Parkinson's Disease*. 62nd annual meeting of the American Academy of Neurology, Toronto, CAN (Abstract: Neurology, 2010, 74(9), A72 Suppl. 2).
231. Goetz, J., Bowers, D., Zahodne, L., Fernandez, H., Okun, M.S. (2010, April). *Mood and Autonomic Symptom Clusters in Parkinson's Disease*. 62nd annual meeting of the American Academy of Neurology, Toronto, CAN, (Abstract: Neurology, 2010, 74(9), A78 Suppl. 2)..
232. Fernandez, H.H., Bowers, D., Triggs, W., Perlstein, W., Hass, C., Zahodne, L., Sozda, C., Rodriguez, R., Malaty, I., & Wu, S. (2010, April). *Repetitive transcranial magnetic stimulation (rTMS) for treatment of Apathy in Parkinson's disease: Results from a double-blind, sham-controlled randomized controlled trial* . 62nd annual meeting of the American Academy of Neurology, Toronto, CAN, (Abstract: Neurology, 2010, 74(9), A74, Suppl. 2)..
233. Zahodne, L.B., Kirsch-Darrow, L., Fernandez, H., Okun, M.S., Bowers, D. (2010, April). *Divergent Trajectories of Apathy and Depression over two years in Medically-Managed idiopathic Parkinson's disease*. 62nd annual meeting of the American Academy of Neurology, Toronto, CAN, (Abstract: Neurology, 2010, 74(9), A77, Suppl. 2)..
234. Prosje, M., Dietz, J., Price, C.M., Bauer, R., Okun, M.S., Bowers, D. (2010, April). *Mood and Neurocognitive Contributions to a Dementia Screening Scale in Patients with Parkinson's Disease*. 62nd annual meeting of the American Academy of Neurology, Toronto, CAN, (Abstract: Neurology, 2010, 74(9), A80, Suppl. 2).
235. Dietz, L., Bradley, M., Jordan, L., Braun, T., Okun, M., Bowers, D. (2010, April). *The Pupil as a Measure of Emotional-Modulated Arousal in Parkinson's Disease*. Presented at the 62nd annual meeting of the American Academy of Neurology, Toronto, CAN, (Abstract: Neurology, 2010, 74(9), A72-73. Suppl. 2).
236. Kay, D., Kirsch-Darrow, L., Zahodne, L., Okun, M.S., Fernandez, H., Bowers, D. (2010, April). *Dimensions of Apathy in Parkinson Disease: Apathy Scale Revisited*. Presented at the 62nd annual meeting of the American Academy of Neurology, Toronto, CAN, (Abstract: Neurology, 2010, 74(9), A76-77, Suppl. 2).
237. Ferencz, B., Kirsch-Darrow, L., Bogoroskaya, M., Okun, M.S., Bowers, D. (2010, April). *Gadgets and Toys: Construct Validity of Apathy in Parkinson's Disease*. Presented at the 62nd annual meeting of the American Academy of Neurology, Toronto, CA, (Abstract: Neurology, 2010, 74(9), A74 Suppl. 2).
238. Sozda, C., Zahodne, L., Bowers, D., Perlstein, W., & Fernandez, H. (2010, April). *Correlation of Depressive Symptoms to Neural Reflections of Conflict Processing in Parkinson's disease*. Presented at 62nd annual meeting of the American Academy of Neurology, Toronto, CA, (Abstract:

- Neurology, 2010,74(9), A74, Suppl. 2).
239. Zahodne, L., Susatia, F., Bowers, D., Okun, M.S., Fernandez, H.H. (2010, March) *Binge Eating in Parkinson Disease: Prevalence, Correlates, and the Contribution of Deep Brain Stimulation*. Presented at 62nd annual meeting of the American Academy of Neurology, Toronto, CA (Abstract: Neurology, 2010, 74(9), A80, Suppl. 2).
 240. Haq IU, Foote KD, Wu SS, Goodman, W.G., Sudhyadhom, A., Ricciuti, N., Goodman, W., Siddiqui, M., Bowers, D., Jacobson, C., Ward, H., Okun, M.S. *Laughter Induction in the NIH OCD DBS Cohort: A Potential Predictor of Therapeutic Response?* Presented at 62nd annual meeting of the American Academy of Neurology, Toronto, CA (Abstract: Neurology, 2010, 74(9), A409., Suppl. 2).
 241. Nisenzon, A., Robinson, M.E., Bowers, D., Banou, E., Malaty, I., Okun, M.S. (2010, April). *Measurement of Patient Centered Outcomes in Parkinson's Disease: What do Patients' Really Want from their Treatment?* Annual meeting of the Society for Behavioral Medicine, Seattle, WA.
 242. Kay, D., Nisenzon, A., Robinson, M., Okun, M., Fernandez, H., and Bowers, D (2010, June). *Parkinson patients care about improving their sleep difficulties: do we care?* 24th Annual Meeting of the Associated Professional Sleep Societies, LLC., San Antonio, TX. (Winner: Movement Disorders Section Investigator Award).
 243. Mikos A, Pavon, J Bowers D, Foote KD, Resnick AS, Fernandez HH, Thomas P, Garvan C Roy A, Okun MS. (2010, June) Factors Related to Extended to Hospital Stays Following Deep Brain Stimulation for Parkinson's Disease. 14th International Congress of Parkinson's Disease and Movement Disorders, Buenos Aires, Argentina, June 2010. (Abstract: Movement Disorders 2010; 25, Issue 7(Suppl 2):807, pg S453.)
 244. Burdick AP, Fernandez HH, Foote KD, Bowers D, Jacobson CE, Ward HE, Okun MS. (2010, June). Target Specificity for Post-DBS Anger. 14th International Congress of Parkinson's Disease and Movement Disorders, Buenos Aires, Argentina, June 2010. (Abstract: Movement Disorders 2010; 25, Issue 7(Suppl 2):769, pg S440.)
 245. Dietz, J., Bradley, M., Okun, M.S., Bowers, D. (2011). Divergent effects of emotional arousal on physiology and behavior in Parkinson's disease. Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, 2011).
 246. Coronado, N., Cunningham, Freedland, A., Cosentino, S., Bowers, D., Okun, M., Penny D., Libon, D., Price, C. (2011), *Considerations for MoCA Clock: Improved diagnostic efficacy with rating training and addition of the copy condition*. Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, 2011).
 247. Janecek, J., Rog, L., Prosje, M., Okun, M.S., Price, C., Bauer, R., Bowers, D. *MCI in Parkinson disease: Measures matter*. Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, 2011).
 248. Prosje, M., Tyner, C., Okun, M.S., Bowers, D. (2011). *Cognitive decline starting in the 4th decade: A female carrier of the Leptzaeus-Merzbacher's (PLP!) gene.* , Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, 2011). I
 249. Springer, U., Kuhn, T., Okun, M., Bauer, R., Fernandez, H., Bowers, D (2011) *Paradoxical visuospatial cognition in essential tremor: a case of compensation*. Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, 2011).
 250. Price, C., Ward, J., Moffett, K., Bowers, D., Tanner, J., Fernandez, H., Okun, M. (2011). *Post-*

- operative cognitive dysfunction in at risk populations: A “proof of principle” study.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, 2011).
251. Sisco, S., Price, C., Freedland, A., Cunningham, H., Okun, M., Bowers, D. (2011). *Assessing interference independent of processing speed on the Stroop test in a Parkinson’s disease sample.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
252. Cunningham, H., Coronado, N., Ward, J., Mitchell, S., Libon, D., Cosentino, S., Penney, D., Bowers, D., Okun, M.S. Price, C. (2011). *Clock Drawing: A comparison between controls, Parkinson disease, and PD with mild cognitive impairment.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
253. Mikos, A., Okun, M.S., Foote, K. Zahodne, L., Kirsch-Darrow, L., & Bowers, D. (2011). *Do clustering and switching add to our understanding of deep brain stimulation related verbal fluency declines in Parkinson disease.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
254. Gullett, J., Price, C., Nguyen, P., Okun, M.S., Bauer, R., Bowers, D (2011). *Reliability of a Benton JOLO short form in Parkinson disease.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
255. Kay, D., Zahodne, L., Kirsch-Darrow, L., Jones, J., Jordan, L., Okun M.S., Bowers, D. (2011). *Apathy in Parkinson’s disease: Comparing FrSBe and Apathy Scale.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
256. Jones, J., Dietz, J., Kirsch-Darrow, L., Jordan, L., Okun, M., Bowers, D. (2011). *Self-perceived changes in apathy and executive function in Parkinson disease and dystonia.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
257. Leininger, S., Freeland, A., Ward, J., Tanner, J., Ngyuen, P., Mitchell, S., Bowers, D., Libon, D., C. Price (2011, February). *Rey-Osterreith Complex Figure (ROCF) Flowchart units and associations to memory performance in Parkinson’s disease.* Presented at 44th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, Suppl 1, 2011).
258. Zahodne, L., Marsiske, M., Okun, M.S., Bowers, D. (2011). *Naturalistic trajectories of mood and motor symptoms in Parkinson’s disease: a multivariate latent growth curve analysis.* Presented at 39th meeting of the International Neuropsychological Society, February 2011, Boston, MA. (Abstract: Journal of the International Neuropsychological Society).
259. Kirsch-Darrow, L., Zahodne, L., Okun, M.S., Bowers, D. (2011, March). *Apathy and Cognition in Parkinson Disease: Apathy’s unique contribution to “mesial” tasks of executive function.* Presented at annual meeting of American Neuropsychiatric Association, Denver CO. (Abstract: J. Neuropsychiatry and Clinical Neuroscience).
260. Kay, D., Jones, J., Kirsch-Darrow, L., Jordan, L., Okun, M.S., Bowers, D. (2011, June). *Pilot study of the effects of poor sleep on Essential tremor and Parkinson disease.* Presented at annual meeting of 25th Annual Meeting of the Associated Professional Sleep Societies, LLC., Seattle, WA.
261. Troster, A.I., Bowers, D., Levin, B., Goldstein, M., WOehr, J., Barrett, E., Okun, M. (2011, June) *Twelve month neuropsychological outcome of bilateral subthalamic deep brain stimulation using the Libra tm DBS System (SJM) in Parkinson disease.* Presented at annual meeting of International Congress of Parkinson’s disease and Movement Disorders, Toronto, CA. (Abstract Movement

Disorders, S2, 2011, 26).

262. Troster, A.I., Bowers, D., Levin, B., Goldstein, M., Woehr, J., Barrett, E., Okun, M (2011, June) *Three-month neuropsychological outcomes of bilateral subthalamic deep brain stimulation using the Libratm DBS System (SJM) in Parkinson's disease: A delayed activation controlled, randomized study*. Presented at annual meeting of International Congress of Parkinson's disease and Movement Disorders, Toronto, CA. (Abstract Movement Disorders, S2, 2011, 26).
263. Limotai N, Oyama G, Go CL, Bernal O,*Ong T, Bhidayasiri R, Bowers D, Ward H, Okun MS. *Addiction-like Relationships between DAWS, DDS and ICDs*. Presented at International Congress of Parkinson's Disease and Movement Disorders, Toronto, Canada. (Abstract: Movement Disorders, Vol. 26, Suppl. 2, 2011, pp. S1–S385.)
264. Troster, A.I, Bowers, D., Levin, B. (2011, July). *Group and individual neuropsychological outcomes after 90 days of bilateral SNT brain stimulation in Parkinson's disease: a delayed-activation controlled randomized study*. Presented at annual mid-year meeting of International Neuropsychological Society, Auckland, NZ (Abstract: Brain Impairment,12, Suppl July 201, p.18).
265. Dietz, J., Jones, J., Perlstein, W.P., Okun, M.S., Bowers, D. (2011, September). *The late positive potential as an index of motivational activation in Parkinson Disease*. Presented at annual meeting of Society for Psychophysiology Research, Boston, MA. (Abstract: Psychophysiology, S1, August 2011).
266. Zahodne, L., Bowers, D. (2011, September). *Chronometry of affective startle modulation in Parkinson's disease without depression*. Presented at annual meeting of Society for Psychophysiology Research. Boston, MA. (Abstract: Psychophysiology S1, August 2011).
267. Bowers, D., Sapienza, C., Springer, U., Milkos, A., Nisenzon, A., Clark, A., Rodriguez, R., Fernandez, H., Okun, M.S. (2012, February). *Unmasking the face of Parkinson's patients: Results from a randomized double-blind sham controlled behavioral intervention*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
268. Dietz, J., Jones, J., Perlstein, W.M., Okun, M.S., Bowers, D. (2012, February). *Detecting emotional significance: the Late positive potential in Parkinson disease*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
269. Jones, J., Malaty, I., Okun, M., Bowers, D. (2012, February) *Health comorbidities, cognition, and quality of life in Parkinson disease: Results from the National Parkinson Foundation Quality Initiative with 1935 patients*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
270. Jones, J., Skoblar, B., Kirsch-Darrow, Okun, M.S., Bowers, D. (2012, February). *Contribution of apathy and depression to global cognitive status in 209 nondemented Parkinson patients*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
271. Glass Umfleet, L., Bowers, D., Price, C., Bauer, R., Keiski, M., Dede, D., Kay, D., Jones, J., Jacobson, C., Foote, K., Okun, M.S. (2012, February). *Parkinson's disease normative study: Normative data for commonly used clinical neuropsychological data in 379 PD patients*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
272. Umfleet, L., Jones, J., Price, C., Bauer, R., Okun, M.S., Bowers, D. (2012, February). *Neuropsychological test performance: Effects of age of onset in a non-demented Parkinson's Disease patient population*. Presented at 45th annual meeting of the International

- Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
273. Bowers, D. (2012, February). Symposium organizer and chair: *Current Controversies in Parkinson Disease*. Speakers: A. Troster: Mild cognitive impairment (MCI) in Parkinson disease: new criteria and controversies; L. Zahodne: Cognitive decline following deep brain stimulation: debates regarding clinical relevance and potential mechanism; D. Bowers: The apathy-depression conundrum in Parkinson disease- does it matter?; C. Price: PD as a disconnection syndrome versus a fractionation disorder. Discussant: Don Stuss; Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
274. Bowers, D. (2012, February). The apathy-depression conundrum in Parkinson disease- does it matter, As part of Symposium (Current Controversies in Parkinson disease). Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
275. Leninger, A., Freedland, A., Umfleet, L., Schwab, N., Ward, J., Coronado, N., Tanner, J., Nguyen, P., Bowers, D., Libon, D., and Price, C. (2012, February). *Rey-Osterrieth Complex Figure Flowchart Organizational Approach as a Measure of Executive Functioning in Parkinson's Disease Patients*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
276. Cunningham, H., Penney, D., Davis, R., Tanner, J., Nguyen, P., Schwab, N., Malaty, I., Okun, M., Bowers, D., Libon, D. J., Price, C. C. (February, 2012) *Clock Drawing in PD: What makes the clock drawing test tick?* Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
277. Freedland, A., Glass Umfleet, L., Schwab, N., Ward, J., Leninger, S., Coronado, N., Tanner, J., Nguyen, P., Okun, M., Bowers, D., Price, C.C. (2012, February). *Test-retest reliability on the Rey-Osterrieth Complex figure test in a sample of Parkinson's disease patients compared to normal controls*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
278. Tanner, J.J., Price, C.C., Malaty, I., Okun, M.S., Libon, D., Bowers, D. (2012, February) *Verbal learning profiles and entorhinal cortex volume in Parkinson's Disease*. Presented at 45th annual meeting of the International Neuropsychological Society, Montreal, Canada. (Abstract: Journal of the International Neuropsychological Society, 2012, S1).
279. Butterfield, L., Song, W., Kirsch-Darrow, L., Okun, M.S., and Bowers, D. (2012, March). *Apathy and dysphoric mood as independent predictors of quality of life in Parkinson's Disease*. Presented at annual meeting of American Neuropsychiatric Association, New Orleans LA. [Abstract: J. Neuropsychiatry & Clinical Neuroscience, 2012, S1).
280. Zahodne, L., and Bowers, D. (2012, March). *Depression in Parkinson's disease: Relation to startle eyeblink psychophysiology and affective chronometry*. Presented at the annual meeting of American Neuropsychiatric Association, New Orleans LA. [Abstract: J. Neuropsychiatry & Clinical Neuroscience, 2012, S1).
281. Gravano, J., Sozda, C., Kaufman, D., Bowers, D. Okun, M.S., Perlstein, W. (2012, April). *A behavioral and electrophysiological examination of attentional networks in Parkinson disease*. Presented at annual meeting of the Cognitive Aging Conference. Atlanta, GA.
282. Altmann, L., Stegemoller, E., Hazamy, A., Wilson, J.P., Bowers, D. Sapienza, C., Okun, M.S., Hass, CJ (2012, June). *Graded dual task benefits of cognitive tasks on cycling in Parkinson's Disease: Effects of kinesia paradoxical*. Presented at the 16th International Congress of Parkinson's disease and Movement Disorders, Dublin, Ireland. (Abstract: Movement Disorders 2012;27 Suppl 1 :31).

283. Hazamy, A.A., Altmann, L.J.P., Wilson, J.P., Stegemoller, E., Bowers, D., Sapienza, C.M., et al; *Dual task dissociations in cognitive performance in Parkinson's disease*. Presented at the 16th International Congress of Parkinson's disease and Movement Disorders, Dublin Ireland. [abstract: Movement Disorders 2012; 27 Suppl 1 :56.]
284. Kirsch-Darrow, L., Okun, M.S., & Bowers, D. (2012, June). *Characteristics of apathy and depression in Parkinson's Disease patients with dementia*. Presented at the annual meeting of the American Association of Clinical Neuropsychology, Chicago IL. (Abstract: The Clinical Neuropsychologist)
285. Jones, J., Jacobson, C., Murphy, M.C., Okun, M.S. Bowers, D. (2012, August). *Health comorbidities and cognition in a clinic sample of 403 Parkinson's Disease patients*. Presented at the annual meeting of the American Psychological Association, Orlando, FL. (**Award Winner**)
286. Bowers, D. (2012, August). *Startling facts about emotion in Parkinson's disease*. Invited address. Division 40, Presented at the annual meeting of the American Psychological Association, Orlando, FL.
287. Bowers, D. (2012, August), Invited Discussant. Panel on: *Professional Dilemmas: Managing inappropriate exchanges in the workplace. A conversation sponsored by Women in Neuropsychology (WIN). Organized by Kretzmer, T., Pavalla, S.* Presented at the annual meeting of the American Psychological Association, Orlando, FL.
288. Thomas, K., Marsiske, M., Jones, J., Marra, D., Bowers, D. (2012, November). *Age as a moderator of fatigue severity on a task of cognitive switching*. Presented at 65th annual meeting of the Gerontologic Society of America. San Diego, CA. (Abstract: The Gerontologist, October 2012).
289. Dietz, J., Bradley, M.M., Perlstein W.E., Okun, M.S., Bowers, D. (2013, February). *Parkinson's disease, apathy, and the ERP to emotional pictures*. Presented at the 46th annual meeting of the International Neuropsychological Society, Kona, Hawaii. (Abstract: Journal of the International Neuropsychological Society, S1, 2013).
290. Jones, J., Jacobson, C., Murphy, M., Okun, M.S., Bowers, D. (2013, February). *Differential effects of hypertension and hypotension on executive and memory status in nondemented Parkinson disease patients*. Presented at the 46th annual meeting of the International Neuropsychological Society, Kona, Hawaii. (Abstract: Journal of the International Neuropsychological Society, S1, 2013).
291. Lafo, J., Jones, J., Okun, M.S., Bauer, R.M., Price, C.E., Bowers, D. (2013, February). *Memory dissociations in Essential Tremor and Parkinson disease: a Final common pathway?* Presented at the 46th annual meeting of the International Neuropsychological Society, Kona, Hawaii. (Abstract: Journal of the International Neuropsychological Society, S1, 2013).
292. Mangal., P. Jones, J., Lafo, J., Okun, M.S., Bauer, R.M., Price, C.E., Bowers, D. (2013, February). *Many faces of mild cognitive impairment in Parkinson's disease: Classification approaches matter*. Presented at the 46th annual meeting of the International Neuropsychological Society, Kona, Hawaii. (Abstract: Journal of the International Neuropsychological Society, S1, 2013).
293. Diemunsch, N., Kay, D. B., Bowers, D. (2013, June). *Sleep-Related Impairment: Parkinson's Disease Symptoms and Insomnia*. Presented at 27th annual meeting of the Associated Professional Sleep Societies, Baltimore, MD.
294. Hassan, A, Vallbhajosula, S., Zahodne, L.B., Bowers, D., Okun, M.S., Fernandez, H.H., Hass, C. (2013, June). *Apathy, depression and postural instability in Parkinson disease: Related to a common pathophysiology*. Presented at the annual meeting of the International Congress of Parkinson Disease and Movement Disorders, Sydney Australia. (Abstract: Movement Disorders, May 2013).
295. Dietz, J., Bradley, M.M., Lang, P.J., Okun, M.S., Bowers, D. (2013, October). *Psychophysiology of emotion in Parkinson's disease: from perception to action*. Presented at the annual meeting of the Society for Psychophysiological Research, Florence, Italy. (Abstract: Psychophysiology, September

- 2013).
296. *Dietz Renfroe, J., Bradlely, M.M., Lang, P.J., Okun, M.S., Bowers, D.* (2014, February). *Electrocortical correlates of preparation for action in parkinson disease: role of incentive motivation.* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 297. *LeMonda, B.C., Giles, K., Price, C. E., Marsiske, M, Okun, M. S., Bauer, R.M., & Bowers, D.* (2014, February). *A Data-Driven approach to the classification of neurocognitive subtypes of Parkinson's Disease: Clinical correlations and relationship to MDS criteria.* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 298. *Lafo, J.A., Jones, J.D., Mangal, P., Okun, M.S., Price, C.P., Bauer, R.M., Bowers, D.* (2014, February). *Visuoperceptual task impairments in Parkinson's disease: A pathway-specific association of executive function and memory? Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington.* (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 299. *Jones, J.D., Mangal, P., Lafo, J.A., Okun, M.S., Bowers, D.* (2014, February). *Mood and amotivation symptoms in parkinson patients with and without mild cognitive impairment (MCI): Comparison of 3 MCI classification approaches.* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, WA. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 300. *Jones, D., Hass, C., Lafo, J., Mangal, P., Okun, M.S., Bowers, D.* (2014, February). *The cognition index of the Parkinson's Disease Questionnaire-39: What does it really measure?* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 301. *Mangal, P., Jones, J., Lafo, J., Foote, K., Okun, M.S., Bauer, R.M., Bowers, D.* (2014, February). *Cognitive and brain reserve in parkinson disease (PD): Predictors of cognitive changes over time* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 302. *Gravano, J., Kaufman, D.A., Sozda, C., Okun, M.S., Bowers, D., Perlstein, W.M.* (2014, February). *Neurocognitive and emotional correlates of attentional networks in Parkinson's disease.* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 303. *Lemonda, B., Giles, K., Peck, C.P., Bowers, D.* (2014, February). *A case study of a patient with Susac Syndrome.* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 304. *Kaufman, D., Perlstein, W.M., Okun, M.S., van Pattern, R., Okun, M.S., Bowers, D.* (2014, February). *Novelty processing and apathy in Parkinson's disease.* Presented at the 47th annual meeting of the International Neuropsychological Society, Seattle, Washington. (Abstract: Journal of the International Neuropsychological Society, S1, 2014).
 305. *Schwab, M., Tanner, J., Nguyen, P., Schmalpus, I., Bowers, D., Price, C.* (2014, June). *Warning to Neuropsychologists Examining Structure-Function: Registration Matters.* Presented at the annual meeting of the American Academy of Clinical Neuropsychology, New York City, NY. (Abstract: The Clinical Neuropsychologist).
 306. *Bowers, D.* (2014, August). *Laughter Elicited by Deep Brain Stimulation: Implications for Affective Neuroscience.* Presented as part of Interdisciplinary Symposium, Laughter and Sociality: Integrating Evolutionary, Developmental, Cognitive, and Clinical Perspectives, Nancy Dress, organizer. Annual convention of the American Psychological Association, Washington DC.

307. Altmann, L., Stegemoller, E., Bowers, D., Okun, M.S., Hass, C.J. (2015, February). *Effects of aerobic exercise intervention in Parkinson's disease*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
308. Scott, B.M., Maye, J., Jones, J., Thomas, K., Trifilio, E., Hass, C., Marsiske, M., Bowers, D. (2015, February). *Walking as a stressor in cognitively normal older adults: Post-exercise pulse pressure better predicts executive function than pre-exercise pulse pressure*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
309. Scott, B. M., Strutt, A. M., Lundberg-Love, P. K., Schmitt, A. L., Trifilio, E. R., & Bowers, D. (2015, February). *Comparison of psychogenic movement disorders patients with non-epileptic seizures vs. other hyperkinetic motor manifestations*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
310. Wald, D., Jones, J.D., Cummings, T., Mikos, A., Rodriguez, R., Okun, M.S., Bowers, D. (2015, February). *Is exercise more important for cognitive and mood functioning among Parkinson's disease patients than normal elderly?* Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
311. Jones, J., Helpfrey, J., Thomas, K., Marsiske, M., Bowers, D. (2015, February). *Influence of everyday walking on cognition: Multilevel modeling results from the Village Interactive Training and Learning study*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S2, 2015).
312. Jones, J.D., Marsiske, M., Okun, M.S., Bowers, D. (2015, February). Latent growth curve analysis reveals worsening Parkinson's disease quality of life is driven by depression. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
313. Lafo, J., Bowers, D., Marsiske, M., Marra, D., Thomas, K., Jones, J.D., Reynolds, B., Hass, H., Steindler, D., Bauer, R.M. (2015, February). *Effects of combined cognitive training and physical exercise on spatial navigation and learning in older adults*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
314. Mangal, P., Lafo, J., Okun, M.S., Bradley, M.M., Bowers, D. (2015, February). *Emotional memory, the late positive potential, and Parkinson's disease*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
315. Trifilio, E., Scott, B., Thomas, K., Jones, J.D., Marsiske, M., Bowers, D. (2015, February). *Age related changes in apathy, but not anticipatory anhedonia in cognitively normal older adults*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
316. Thomas, K.R., Marsiske, M., Jones, J.D., Reynolds, B., Steindler, D., Bowers D. (2015, February). *Effects of Wii, aerobic exercise and cognitive interventions on older adults' self-evaluation of intellectual aging*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
317. Maye, J., Scott, B., Jones, J., Thomas, K., Bowers, D., Marsiske, M. (2015, February). *Relationships of pulse pressure and cognitive functioning in cognitively normal older adults in the VITAL study*. Presented at 48th annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).

318. Butterfield, L., Jones, J., Thomas, K., Marsiske, M., Bowers, D. (2015, February). *Apathy and fatigue are better predictors of cognitive performance than other mood variables in a sample of healthy older adults*. Presented at 48rd annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
319. Butterfield, L., Cimino, C., Salazar, R., Lee, C., Haley, W., Sanchez-Ramos, J., Bowers, D., Okun, M.S. (2015, February). *The Parkinson's Active Living (PAL) Program: A Behavioral Intervention Targeting Apathy in Parkinson's Disease*. Presented at 48rd annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
320. Hazamy, A., Altmann, Troche, M., Cowles, W., & Bowers, D. (2015, February). *Emotional sentence processing in persons with Parkinson's disease*. Presented at 48rd annual meeting of the International Neuropsychological Society, Denver CO. (Abstract: Journal of the International Neuropsychological Society, S1, 2015).
321. Morishito,..... (2015, April). *Interdisciplinary Deep Brain Stimulation Screening and the Relationship to Unintended Hospitalizations and Quality of Life*. Paper presented at the 67th annual meeting of the American Academy of Neurology, Washington DC. (Abstract: Neurology, March 2015).
322. Bowers, D., Sapienza, C., Rodriguez, R., Fernandez, H., Okun M.S. (2015, June). *Unmasking the face of Parkinson disease. Immediate and 3 month followup from a randomized control behavioral intervention*. Presented at the annual meeting of the International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
323. Scott, B Scott, B. M., Strutt, A. M., Lundberg-Love, P. K., Schmitt, A. L., Trifilio, E. R., & Bowers, D. (2015, June). *Psychogenic movement disorders: Are there neurocognitive differences between patients with non-epileptic seizures vs those with other hyperkinetic motor manifestations?* Presented at annual meeting of the International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract; Movement Disorders, May 2015).
324. Butterfield, L., Cimino, C., Salazar, R., Lee, C., Haley, W., Sanchez-Ramos, J., Okun, M.S., Bowers, D. (2015, June). *A New program for treating Apathy in Parkinson Disease: PAL*. Presented of the annual meeting of the International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
325. Wald, D., Jones, J., Cummings, T., Mikos, A., Rodriguez, R., Okun, M.S., Hass, C., Bowers, D (2015, June). *Is Exercise More Important for Cognition and Mood in Parkinson's Disease Patients than Normal Elderly?* Presented at annual meeting of the International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
326. Price, C.C., Tanner, J., Levy, M.S., Okun, M.S., Bower, D. (2015, June). *Gray and white predictors of cognitive frontal-striatal deficits in Parkinson disease*. Presented at annual meeting of International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
327. Levy, S.A., Tanner, J.J., Okun, M.S., Bowers, D., Price, C.C. (2015, June). *Cognitive change in Parkinson's disease and progression of frontal-striatal deficits*. Presented at annual meeting of International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract; Movement Disorders, May 2015).
328. Almeida, L., Okun, M.S., Bowers, D., Ward, H., Fayad, S., Jacobson, C., McFarland, N. (2015, June). *Prevalence of depression in atypical Parkinsonian disorders versus Parkinson's disease*. Presented at annual meeting of the International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
329. M. Higuchi, H. Morita, D. Bowers, H. Ward, L. Warren, M. DeFranco, M.S. Troche, S. Kulkarni, E.H. Monari, D. Martinez-Ramirez, K.D. Foote, Y. Tsuboi, M.S. Okun (2015, June). *Interdisciplinary deep*

- brain stimulation screening and the relationship to unintended hospitalizations and quality of life.* Presented at annual meeting of International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
330. L. Almeida, M.S. Okun, D. Bowers, H. Ward, S. Fayad, C. Jacobson, N. McFarland (2015, June). *Prevalence of anxiety in atypical Parkinsonian patients.* Presented at annual meeting of International Congress of Parkinson disease and Movement Disorders, San Diego, CA. (Abstract: Movement Disorders, May 2015).
331. Thomas, K.R., Maye, J. Bowers, D., Marsiske, M. (2015, November). *Effects of cognitive impairment on complex everyday tasks process scores.* Presented at annual meeting of the Gerontologic Society of America. (Abstract: The Gerontologist, Oct 2015).
332. Marsiske, M., Thomas, K.R., Butterfield, L., Trifilio, E. Jones, J., Reynolds, B., Steindler, D., Bowers, D. (2015, November). *Visual processing training, exergaming, & aerobic exercise effects on mood and cognition.* Presented at annual meeting of the Gerontologic Society of America. (Abstract: The Gerontologist, October 2015)
333. Levy, S., Tanner, J., Bowers, D., Price, C.P. (2016, February). *One-year reliable change of cognition and mood idiopathic non-dementia Parkinson's disease.* Presented at the 49th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, February 2016).
334. Jones, J., Tanner, J., Okun, M.S., Price, C., Bowers, D. (2016, February). *Cognition and Parkinson's disease: Influence of health comorbidities and leukoaraiosis.* Presented at the 49th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, February 2016).
335. Lafo, J., Milkos, A., Scott, B., Okun, M.S., Bowers, D. (2016, February). *Startling facts about Essential Tremor: Blunted emotional reactivity as indexed by the startle eyeblink response.* Presented at the 49th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, February 2016).
336. Mangal, P., Lafo, P., Scott, B., Okun, M.S., Bowers, D. (2016, February). *Intentional enhancement of electrocortical responses to emotional pictures by Parkinson patients: Relation to executive function.* Presented at the 49th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, February 2016).
337. Scott, B., Lafo, J., Almedia, L., Okun, M.S., Bowers, D. (2016, February). *Differential effects of apathy, depression, and anxiety on cognitive function in Parkinson's disease and Essential Tremor.* Presented at the 49th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, February 2016).
338. Trifilio, E., Butterfield, L., Mangal, P., Thomas, K., Jones, J., Marsiske, M., Bowers, D. (2016, February). *Cognitive correlates of consummatory vs anticipatory anhedonia in older adults.* Presented at the 49th annual meeting of the International Neuropsychological Society, Boston, MA. (Abstract: Journal of the International Neuropsychological Society, S1, February 2016).
339. Almeida, L., Ahmed, B., Walz, R., DeJesus, S., Patterson, A., Martinez-Ramierz, D., Valliancourt, D., Bowers, D., Ward, H., Okun, M.S., Armstrong, M., McFarland, N. (2016, April). *Comparison of depressive symptoms among atypical parkinsonisms and Parkinson disease.* Paper presented at, annual meeting of the Academy of Neurology, Vancouver, BC. (Abstract: Neurology, March 2016).
340. Lafo, P., Mangal, P., Scott, B., Trifilio, E., Foote, K., Okun, M.S., Bowers, D. (2017, February). *Construct validity of the University of Florida DBS Cognitive Rating Scale: Red flags for neuropsychology.* Presented at 50th annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: Journal of Neuropsychological Society, S1, Feb 2017).
341. Trifilio, E., Butterfield, L., Mangal, P., Maye, J., Marsiske, M., Bowers, D. (2017, February). *A Tale of*

- Two Stories: Comparing Logical Memory and Newcomer Stories in Older Adults.* Presented at 50th annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2017](#)).
342. Mangal, P., Lafo, P., Renfro, J., Scott, B., Okun, M.S., Bowers, D. (2017, February). *Emotion regulation and modulation of electrocortical responses in parkinson's disease.* Presented at 50th annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2017](#)).
343. Szymkowicz, S., Dotson, V., Jones, J.J., Okun, M.S., Bowers, D. (2017, February). *Symptom dimensions of depression and apathy and their relationship with cognition in Parkinson disease.* Presented at 50th annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2017](#)).
344. Scott, B., Lafo, J., Mangal, P., Bradley, M., Perlstein, W., Okun, M., Bower, D. (2017, February). *Emotion-semantic priming and electrocortical reactivity in Parkinson's disease.* Presented at 50th annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2017](#)).
345. Maye, J., Butterfield, L.C., Trifilio, E., Mangal, P., Bowers, D., Marsiske, M. (2017, February). *Dispositional mindfulness as a predictor of verbal memory performance in older adults.* Presented at 50th annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2017](#)).
346. Scott, B.M., Strutt, A.M., Lundberg-Love, P., Schmitt, A.L., Jankovic, J., Bowers, D. (2017, June). *Emotion regulation and cognitive functioning in psychogenic patients.* International Congress of Parkinson's disease and other movement disorders, Seattle, WA.
347. Scott, B.M., Thompson, S., Winship, K., Lafo, J., & Bowers, D (2017, Spring). Mixed linear modeling of changes in functional independence over 3 years in de novo Parkinson's disease motor subtypes. Social Sciences Conference.
348. Kay, D., Reiley, J. Swenson, S., Trout, J., Tanner, J.T., Bowers, D. (June, 2018). The Patient-reported Outcomes Measurement information system sleep disturbance questionnaire (PROMIS-SD): A validation study in patients with Parkinson disease. Sleep,
349. Szymkowicz, S. M., Woods, A. J., Bowers, D., & Dotson, V. M. (2017, August). Age-related mechanisms of emotion anticipation and perception. Poster presented at the 125th annual American Psychological Association (APA) convention, Washington, D. C.
350. Belser-Ehrlich, J., Mangal, P., Lafo, J., Bradley, M., Bowers, D. (2018, February). Neurocognitive-affective dysfunction in Dandy Walker Malformation involving the cerebellum: A case study. Presented at 51st annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2018](#)).
351. Mangal, P., Maye, J., Trifilio, E., Butterfield, L., Bowers, D., Marsiske, M. (2018, February). Mindfulness and cognitive training interventions in older adults improve performance in cognitive control. Presented at 51st annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2018](#)).
352. Trifilio, E., Tanner, J., Butterfield, L., Mangal, P. Maye, J., Choi, A., Moreno, C., Marsiske, M., Price, C., Bowers, D. Neuroanatomic correlates of an alternative story memory test in older adults: The left trumps the right. Presented at 51st annual meeting of the International Neuropsychological Society, New Orleans, LA. (Abstract: [Journal of Neuropsychological Society, S1, Feb 2018](#)).
353. Scott, B., Thompson, S., Winship, K., Lafo, J., Marsiske, M., Bowers, D. (2018, February). Mixed Linear Modeling of Changes in Functional Independence in De Novo Parkinson's Disease Motor subtypes. . Presented at 51st annual meeting of the International Neuropsychological Society, New

Orleans, LA. (Abstract: Journal of Neuropsychological Society, S1, Feb 2018).

INVITED TALKS, Professional

1. Bowers, D. (2017, August). Invited Discussant. *Best Practices in mentoring women in psychology: Lessons in receiving and giving mentoring*. Chair: Shullman, S., Sponsored by APA Divisions 22, 35, and 40. To be presented at annual meeting of American Psychological Association, Washington DC.
2. Bowers, D. (2017, August). Discussant and Organizer. Division 40 Fellows Luncheon. [Speakers: Suhr, J.: Putting the psychology back into neuropsychology; Lamar, M. Cognition as a predictor not consequence of disease], To be presented at annual meeting of the American Psychological Association, Washington, DC.
3. Bowers, D. (2016, September). *Age Related Changes in Mood and Emotions*. Invited speaker, 40th Annual course in Behavior Neurology and Neuropsychology (Florida Society for Neurology), Orlando, FL.
4. Bowers, D. (2016, August) *Think Big: Emotion Regulation, Apathy and Parkinson's disease*. Invited Address (Division 40), Annual meeting of American Psychological Association, Denver, CO (8/5/2016).
5. Bowers, D. (5/13/2016). *Emotion Regulation and Parkinson Disease*. Invited Speaker, University of Utah Department of Psychology. Salt Lake City, UT
6. Bowers, D. (2014, August). *Laughter Elicited by Deep Brain Stimulation: Implications for Affective Neuroscience*. Invited speaker: As part of Interdisciplinary APA Symposium, Laughter and Sociality: Integrating Evolutionary, Developmental, Cognitive, and Clinical Perspectives, Nancy Dress, organizer. Annual convention of the American Psychological Association, Washington DC.
7. Bowers, D., (2012, August). *Startling Facts about Emotion and Cognition in Parkinson Disease*. Invited Address, American Psychological Association, Division 40, Annual meeting of American Psychological Association, Orlando, FL.
8. Bowers, D. (2012, August), Invited Discussant. Panel on: *Professional Dilemmas: Managing inappropriate exchanges in the workplace. A conversation sponsored by Women in Neuropsychology WIN*. Organized by Kretzmer, T., Pavalla, S. Presented at the annual meeting of the American Psychological Association, Orlando, FL.
9. Bowers, D. (2010, October) *Emotional Aging and Mood in Older Adults*. Invited, Speaker, 35th Annual Course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology), Orlando, FL
10. Bowers, D. (2009, September). *Neuropsychiatric and Cognitive Complications of Parkinson's Disease*. Invited Speaker, Allied Team Training for Parkinson (ATTP), National Parkinson Foundation, Miami, FL.
11. Bowers, D. (2008, December). *Assessment of Emotion and Mood in Parkinson's Disease*. Invited Speaker, 33rd Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology), Orlando, FL.
12. Bowers, D. (2005, December). *Assessment of Emotion and Mood In Parkinson's Disease*. Invited Speaker, 30th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology), Orlando, FL.,
13. Bowers, D. (2004, April). *Emotional Changes in Parkinson's Disease*. Invited Speaker, 2nd Annual UF Parkinson's Disease Update, McKnight Brain Institute, Gainesville, FL

14. Bowers, D. (2002, December). *The assessment of emotion*. Invited Speaker, 27th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology), Orlando, FL.
15. Bowers, D. (2001, December). *The role of the amygdala in emotion*. Invited Speaker, 26th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology), Orlando, FL.
16. Bowers, D. (1997, February). *Startling Facts about Emotion: New Approaches to the Psychological study of emotion*. Invited Symposium (Bowers, organizer; Speakers: D. Tranel, P. Lang, M. Bradley, D. Bowers). Presented at the 30th annual meeting of the International Neuropsychology Society, Orlando, FL.
17. Bowers, D. (1997, December) *New paradigms for the study of emotional reactivity in temporal lobe epilepsy*. Invited speaker. Presented at the annual meeting of the American Epilepsy Society. Boston, MA.
18. Bowers, D. (1995). *Neuropsychological Assessment of memory*. Invited Speaker, 20th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies), Orlando, FL, December 1995.
19. Bowers, D. (1995, September) *Cortical contributions to emotion*. Invited Speaker, Annual meeting of the American Epilepsy Society. Washington, D.C.
20. Bowers, D. (1995, December). *Neuropsychology for the Speech/Language Pathologist*. Invited speaker, Annual meeting of the American Speech and Hearing Association, Orlando, FL.
21. Bowers, D. (1993, December). *The cold cognitions of emotion*. Invited Speaker, 18th annual course in Behavioral and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies), Lake Buena Vista, FL.
22. Bowers, D., (1992, December). *Memory disorders following cortical and subcortical dementia*. Invited Speaker, 17th annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies), Lake Buena Vista, FL.
23. Bowers, D., Heilman, K. (1992). *Issues in the perception of nonverbal affect signals*. Invited Speaker. Symposium on Emotion and the Brain (J.C. Borod, Organizer), Presented at the annual meeting of the International Neuropsychological Society, San Diego CA.
24. Bowers, D. (1991, December. *Disorders of Temporal Memory*. Invited Speaker, 16th annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies), Lake Buena Vista, FL,
25. Bowers, D. (1990, December) *Faces and gestures*. Invited Speaker, 15th annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies), Lake Buena Vista, Florida.
26. Bowers, D. (1989, December) *Varieties of attention*. Invited Speaker, 14th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies). Tampa, Florida.
27. Bowers, D. (1988, December) *Frontal contributions to amnesia*. Invited Speaker, 13th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies). Lake Buena Vista, Florida.
28. Bowers, D. (1987, December) *Cognitive models of emotion*. Invited Speaker, 12th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies) Lake Buena Vista, Florida.
29. Bowers, D. (1986, December) *Neuropsychological distinctions among amnesic syndromes*. Invited Speaker, 11th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of

Neurology and Center for Neuropsychological Studies) Lake Buena Vista, Florida.

30. Bowers, D. (1985, November) *Disorders of memory*. Invited Speaker, 10th Annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology and Center for Neuropsychological Studies) Sarasota, Florida.
31. Bowers, D. (1983, November) *Neuropsychological assessment of memory in dementia*. Invited speaker, 8th annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology). Sarasota, Florida.
32. Bowers, D. (1981, December) *Color Agnosia*. Invited Speaker. 6th annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology). December 1981. St. Petersburg, Florida.
33. Bowers, D. (1980, August). *Hemispatial effects on laterality tasks*. Invited Speaker. Symposium on: Models and Mechanisms of Cerebral Laterality. Paper presented at an annual meeting of American Psychological Association. Montreal, Canada.
34. Bowers, D. (1980, December) *Neuropsychological assessment of frontal-subcortical dementia*. Paper presented at 5th annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology). Daytona Beach, Florida.
35. Bowers, D. (1979, October) *Effects of hemispace on tactile laterality tasks*. Invited Speaker, Department of Neurology, University of Oregon Medical Sciences. Portland, Oregon.
36. Bowers, D. (1979, October) *Hemispatial effects on laterality tasks*. Invited Speaker, Department of Psychology, University of Victoria. Victoria, British Columbia.
37. Bowers, D. (1977, December) *Differential Diagnosis - dementia vs. depression*. Invited Speaker, 2nd annual course in Behavioral Neurology and Neuropsychology (Florida Society of Neurology). Lake Buena Vista, Florida.

International - Invited Webinar

1. Bowers, D. (6/14/2016). *Apathy or Depression: Which one is it?* PD Expert Briefing Webinar, Parkinson's Disease Foundation. <http://event.netbriefings.com/event/pdeb/Live/apathy/>. Over 1700 patients, caretakers, and allied health care professionals enrolled

Invited Talk, Community Outreach - State and Local

1. Bowers, D. (2016, November). *A tale of two emotions in Parkinson disease: depression vs apathy*. Featured Speaker, Neuro Challenge Foundation Distinguished Speaker Symposium, Sarasota, FL (11/5/2016).
2. Bowers, D. (2015, November). *Improving memory in Parkinson Disease: Top 10 tips*. Presented at Daytona Parkinson Disease Support Group, Daytona Beach, FL.
3. Bowers, D. (2014, April). *Brain Health: Memory and Motivation – prevention and intervention*. Invited speaker. Presented at 12th Annual Parkinson's Disease Symposium for Patients, Caregivers, and Providers, University of Florida, Gainesville, FL.
4. Bowers, D. (2013, April). *Improving memory in Parkinson Disease: Top 10 tips*. Invited Speaker, Presented at 11th annual Parkinson Day Symposium for Patients and Caregivers, UF, Gainesville Florida.
5. Bowers, D. (2013, October). *Neuropsychology of Memory and Movement*. Featured Speaker, Presented at 4th Annual Case Management Symposium, Mission Inn, FL.

6. Bowers, D. (2011, October). *The Role of Neuropsychology in Dementia*. Featured speaker, Affair to Remember, The Village, Gainesville, FL

Site Visits & External Reviews: McKnight, National Parkinson Foundation

1. Bowers, D. (2015, October). *Clinical Neuropsychology of Parkinson Disease*. Presented to Site Visit Team, as part of External Review by National Parkinson Foundation, UF Center for Movement Disorders and Neurorestoration, University of Florida, Gainesville, FL.
2. Bowers, D. (2015, October). *Research Update from the Cognitive Neuroscience Laboratory*. Presented to Site Visitors, External Review by National Parkinson Foundation. UF Center for Movement Disorders and Neurorestoration, University of Florida, Gainesville, FL
3. Bowers, D., Marsiske, M. (2013, June 19) *Combined Cognitive-Exercise Interventions in the very old: The Vital Study*. Presented at External Advisory Board Meeting, Age Related Memory Loss (ARML) Program and Center for Cognitive Aging & Memory Clinical Translational Research Program (CAM-CTRP), for McKnight Brain Research Foundation, University of Florida, Gainesville, FL June 19, 2013.
4. Bowers, D., Marsiske, M. (2011, October). *Update on the VITAL Study: the "half-way" point*. Presented to trustees of the McKnight Brain Research Foundation, University of Florida, McKnight Brain Institute, Gainesville FL.
5. Bowers, D. (1992). *Social Emotional Learning Disability (Project 4)*. Center Grant Reverse Site Visit: "Emotion, Children, and the Brain." Overall PI: Kytja Voeller, MD. NICHD, Bethesda, MD. June 1991.

INVITED WORKSHOPS

1. Bowers, D. (1997). *Neuropsychology of Emotion*. Houston Neuropsychological Society. Baylor School of Medicine. Houston, TX. September
2. Bowers, D., and Bauer, R. (1994) Seminar series on "Emotions and the Brain". Sponsored by MindMatters, March 1993, Houston, Dallas, Austin, San Antonio, Tx.
3. Bowers, D., and Bauer, R. (1991) Seminar series on "Emotions and the Brain". Sponsored by Cortex, October-November 1991, Miami, Tampa, St. Petersburg, Orlando, Jacksonville, FL.
4. Bowers, D., R. Bauer, Fennell, E., and Rothi, L. (1983): Introductory Workshop on Neuropsychological Assessment". A pre-convention workshop of the 11th annual meeting of the International Neuropsychology Society. Mexico City, Mexico DF February 3, 1983.
5. Bowers, D. and Bauer, R. (1983): Workshop on "Neuropsychological Assessment of Memory"". A preconvention workshop of the 9th Annual Course in Behavioral neurology and Neuropsychology. Florida Society of Neurology: November 16, 1983. Sarasota, Florida
6. Bowers, D. Bauer, R., E. Fennell (1981): Workshop in Neuropsychological Assessment. A preconvention workshop of the 7th Annual Course in Behavioral Neurology and Neuropsychology. Florida society of neurology, December 3, 1981. St. Petersburg, Florida.

HONORS AND AWARDS

Valedictorian, Marianna High School, 1968

Emory University Academic Scholarship, 1968-1970

Highest Honors in Psychology, University of Florida, 1972

UF Foundation Research Professor, 2006-2009

Nominee, UF Doctoral Dissertation Supervisor Award, 2009

Board of Governors, International Neuropsychological Society, 2012-2015

Fellow, Division 40, American Psychological Association, 2012

Board Certification in Clinical Neuropsychology, American Board of Professional Psychology (ABPP), 2013

Chair, Fellows Selection Committee, Division 40, American Psychological Association, 2016

Career Mentoring Award, International Neuropsychology Society (Paul Satz Award), Seattle, WA, February 2014

Edith Kaplan Award, Massachusetts Neuropsychological Society, Boston, October 2014.

Audrey Shumacher Teaching Award, Dept. of Clinical & Health Psychology, University of Florida, November 2015

Research Mentoring Award, Department of Clinical & Health Psychology, University of Florida, Gainesville, FL, November 2015

Dissertation Mentoring Award, College of Public Health and Health Professions, University of Florida, May 2014.

University of Florida Doctoral Dissertation Mentoring Award, April 2015.

T32 recognition (by NINDS) as a "model interdisciplinary program" at biannual meeting of the T32 PI's, Bethesda, MD, April 2015.

University of Florida Term Professorship, 2017-2010. Gainesville, FL.

EXTRAMURAL SERVICE

NIH Grant Review

1992:	Ad hoc member, Merit Review for VAMC Western Division
1994:	Ad hoc member, Clinical Neuroscience Special Emphasis Panel, National Institutes of Mental Health/NIH (Fall 1994)
1994	Ad hoc member, NINDS Special Review for Center Grants (Fall 1994)
1995:	Ad hoc member, NINDS, Special Emphasis Panel, Center Grants
1995-1999	Member, VA Merit Review Mental Health and Behavioral Science Subcommittee,
1999-2002	Member, Minority Research Infrastructure Support program (MRISP), Special Review Group
2004-2005	Ad hoc member, Biobehavioral Mechanisms of Emotion, Stress, and Health (MESH)

	NIH, October 2004, June 2005
2005	Ad hoc member, Special Emphasis Panel, Cognition & Perception Study Section (SRG 2006/01), February 2005
2006	Ad hoc member, Special Emphasis Panel, Brief Start Review Program, NIA/NIH February 2006
2006	Ad hoc reviewer, Special Emphasis Panel (ZRR! BT-801), NIH, Interdisciplinary Research Consortium, August 2006
2009-2011	Ad hoc Member, Adult Psychopathology and Disorders of Aging study section,
2012	Ad hoc Reviewer, Special Emphasis Panel, Clinic and Imaging Translation Study Section [ZRG1 DTCS Y(81)], 2012
2012	Ad hoc Reviewer, NIH Loan Repayment Program (NINDS), April 2012.
2012	Ad hoc Reviewer, Merit Review Panel for Mental Health and Behavioral Sciences – B (MHBB) Department of Veterans Affairs, November 2012 11/ 2012
2012-2014	Member, NIH SBBIR 2013/01 ZRG1 ETTN-K (10) B – Small Business: Clinical Neurophysiology, Devices, Neuroprosthetics, and Biosensors
2013-2017	Member, Merit Review Panel for Mental Health and Behavioral Sciences – B (MHBB), Joint Biomedical Laboratory Research and Development (BLR&D) and Clinical Science Research and Development (SCR&D). Department of Veterans Affairs
2017, 2018	Member, Review Panel for NIH NINDS T32 Training programs
2018	Member, Review panel VA RR&D, SPIRE grant program

Editorial Boards

2010-	The Clinical Neuropsychologist
2003-2009	Journal of Neuropsychological Society
2006-2010	Neuropsychology

Journal Reviewer (> 20 different journals)

Annals of Neurology
 Assessment
 Behavioral and Brain Science
 Brain
 Brain & Cognition
 Clinical Neuropsychologist
 Cortex
 Emotion
 Journal of Abnormal Psychology
 Journal of American Medical Association
 Journal of Cognitive Neuroscience

Journal of Experimental and Clinical Neuropsychology
 Journal of International Neuropsychological Society
 Journal of Neuropsychiatry and Clinical Neuroscience
 Lancet
 Movement Disorders
 Neurocase
 Neurology
 Neuropsychology
 Neuropsychologia
 New England Journal of Medicine
 Psychosomatic Medicine
 Parkinson disease
 Parkinsonism and Related Disorders

Professional Service

8/2016- Chair, APA Fellows Committee, Division 40 (SCN), American Psychological Association
 8/2016 – Executive Committee, Society for Clinical Neuropsychology, Division 40, American Psychological Association
 2/2016- Emotion Research Workgroup, McKnight Brain Research Foundation (Lee Ryan & Carol Barnes, Co-Chairs); Meetings: Tuscon [April 2016], Ponte Vedra [September 2016]
 2015-16 APA Representative, American Academy of Neurology Workgroup on Quality Care Indicators for Parkinson Disease
 2014- Member, APA Fellows Committee, Division 40 (SCN), American Psychological Association
 2013 Mentor, ABPP-CN program through American Academy of Clinical Neuropsychology
 2013 Program Committee, International Neuropsychological Society
 2012-15 Board of Governors, International Neuropsychological Society
 2011-13 Co-Chair, Test Development Workgroup, McKnight Research Foundation (Meetings: Denver [3/2011], New Orleans [8/2011], Tuscon [4/2012])
 2008-09 Chair, Committee on Historical Contributions, International Neuropsychological Society
 2008 Program Committee, International Neuropsychological Society
 2005-16 Member, Awards Committee, International Neuropsychological Association (Chair: Bob Heaton)
 2004 Program Committee, International Neuropsychological Society
 2000- Mentor & Charter Member, Women in Neuropsychology (WIN), APA, Division 40
 1996 Program Committee, International Neuropsychological Society
 1995 Program Committee, American Psychological Society
 1993-98 Continuing Education Committee, International Neuropsychological Society
 1991 Program Committee, International Neuropsychological Society
 1986 Program Committee, International Neuropsychological Society

UNIVERSITY SERVICE

2018- Member, Education & Research Outreach Committee, UF McKnight Brain Institute; Chair: Jada Lewis & Jennifer Bison
 2017-18 Member, UF Faculty Doctoral Dissertation Advisor/Mentoring Award Selection Committee
 2016-17 Member, Faculty Doctoral Dissertation Advisor/Mentoring Award Selection Committee, Chair: Rhonda Maraca, Ph.D.
 2016-17 Member, PPHP Faculty Mentoring Committee, Chair: Amy Blue, Ph.D.
 2016 Member, Faculty Search Committee, College of Medicine, Department of Neurology
 2016-18 Member, Faculty Awards Committee, College of Public Health & Health Professions

2015	Member, Faculty Search Committee, College of Health and Human Performance, Chair: David Vaillancourt
2015	Neuroscience and Integrated Care Education (NICE) workgroup, CHP Representative
2014-15	Member, CHP Chair Search Committee, College of Public Health and Health Professions, Chair: Linda Cottler, Fall 2014- February 2015
2012-13	Chair, Faculty Council, College of Public Health and Health Professions
2013	Member, Steering Committee, UF Neurorehabilitation Program Development
2011-12	Vice Chair, Faculty Council, College of Public Health and Health Professions
2010-11	Chair Search Committee, College of Public Health and Health Professions, Chair: Stephanie Hanson, Fall 2010-June 2011
2010-11	Faculty Search Committee, College of Health and Human Performance, Chair: Chris Janelle, Fall 2010-Spring 2011
2009-2013	Faculty Council, College of Public Health and Health Professions
2009-10	Faculty Search Committee, College of Health and Human Performance, Chair: Jim Carraugh, Fall 2009-Spring 2010
2009-10	Faculty Search Committee, Department of Neurology, College of Medicine, Chair: Michael Okun, Fall 2009-Spring 2010
2008	Member, Biomedical Review Committee, UF Opportunity Fund
2004-08	Florida Cares Program, College of Medicine
2002	Member, University Task Force, Revision of Criteria for New Undergraduate Degree Programs, June 2002-October 2002
1999-02	Member, Graduate Council, University of Florida
1999-01	Graduation Marshall, University of Florida
1995-97	Health Science Institutional Review Board (IRB-01)
1993-95	Member, Space Design Committee, McKnight Brain Institute
1987-89	Member, University of Florida Senate

COMMUNITY SERVICE

2016	Faculty Advisor, Student run Dementia Clinic, Equal Access Clinic (with Meredith Wicklund, MD, and Students from ANST)
2014	Dementia Screenings, The Village, Gainesville, FL
2001	Memory Screening, The Villages, FL
2000	Judge and Director, Behavioral Science Section, State of Florida Science Fair
1995	Judge, Behavioral Science Section, Alachua County Science Fair,
1992	Judge, Behavioral Science Section, State of Florida Science Fair,
1991	Judge, Science Fair, Jordan Glenn School, Archer, FL

DEPARTMENTAL SERVICE

Neuropsychology Area Head, 2006-2018
 Clinical Operations Group, 2006-2018
 CHP Executive Group, 2011-2018
 Graduate Admissions Committee, 2016-17, 2013-14, 2011-12, 2009, 2004-2006, 1998-2003)
 Curriculum Committee, 2009-11, 2016-ongoing
 Member, Practicum Models Review subcommittee, 2017-
 Faculty Advisor, Association for Neuropsychology Students in Training, 2013-
 Coordinator, Clinical Neuropsychology Post-doctoral Program (2005-
 Chair, Faculty Mentoring Committee, Dr. Dotson, 2011-2015
 Member, Internship Review Workgroup (Guenther, Chair), 2007
 Member, Internship Workgroup (Waxenberg, Chair), 2006
 Co-Chair, Neuropsychology Workgroup (with Eileen Fennell), 2005-06
 Member, Clinical Neuroscience Workgroup (Chair: Bruce Crosson), 2005-06
 Chair, Faculty Mentoring Committee, Dr. Price, 2005-2010
 Chair, Faculty Search Committee (for NP faculty), 2005
 Member, Faculty Mentoring Committee (Dr. Moore), 2003-4

Member, Psychology Clinic Marketing Committee (Chair: Ashkanazi), 2001
 Psychology Clinic Team Leader, 1999-2002

UNIVERSITY ORGANIZATIONS

2003	Center for Movement Disorders and Neurorestoration, Charter member
1999	Institute on Aging, University of Florida
1995-98	Neural Program for Signal Transduction, Neuroplasticity & Drug Discovery, Charter member
1992-98	College of Medicine Women Faculty Association, Charter member
1990	University of Florida Brain Institute/ Mcknight Brain Institute, Charter member

TEACHING & ADVISEMENT

Courses

Undergraduate Introduction to Neuropsychology (1980)
 Undergraduate Research (Psy 3911, CLP 3911, HP4905)

Graduate Classics in Neuropsychology (2017 ongoing)
 Adult Neuropsychological Assessment (2000, 2002, 2004, 2006, 2010, 2012, 2014, 2017)
 Human Brain Function (2010, 2012, 2014, 2016, 2018)
 Classics in Neuropsychology (2017)
 Clinical Practicum in Neuropsychology, 1998-present
 Advanced Clinical Practicum in Neuropsychology, 1998-present
 Masters Research, Advanced Research, Doctoral Research (ongoing)
 Experimental Methods in Neuropsychology (2001, 2003)
 Neuropsychology Symposium (2001, 2003)
 Neuropsychological Disorders in Aging (1999)

Advisement

Undergraduate Faculty advisor, Interdisciplinary Studies in Neurobiology/ Cognitive Neuroscience (1991 –ongoing)
 Faculty Advisor, National Science Foundation Summer Institute in Neurobiology (1988-1989)
 Faculty Advisor, Center for Precollegiate Education and Training (1985-

Graduate Faculty Advisor, UF chapter (CHP graduate students), Association for Neuropsychology Students in Training (ANST), 2012-onward

RESEARCH SUPERVISION

Post-Doctoral Supervision of Post-Doctoral Research Fellows in Behavioral Neurology Research Laboratory, Center for Neuropsychological Studies, Department of Neurology, 1980-1998.
Approximately 55 post-doctoral fellows were co-mentored over an 18 year period by Ken Heilman (neurologist) and myself. This occurred as part of a multidisciplinary training program that included M.D.'s and Ph.D.'s (neurology, neuropsychology, cognitive psychology, psychiatry, speech pathology) from the U.S.

Supervision of Post-Doctoral Neuropsychology Research Fellows in Cognitive Neuroscience Laboratory, McKnight Brain Institute, Clinical & Health Psychology, University of Florida, 1999-

Graduate	Masters and Doctoral Committees: Total 120 Doctoral Committee: Chair 20, Member 40 Masters Committee: Chair 19, Member 40
Undergraduate	Major Advisor, Psychology Honors Theses: 12 Major Advisor, Interdisciplinary Studies in Neurobiological Sciences: 15 Major Advisor, Honors in Health Science: 4 Major Advisor, University Scholars: 6
Other:	Medical Student and Resident Training in Neuropsychological Assessment

CHAIR, DOCTORAL COMMITTEE*

(Faculty member in Neurology until 1998, transition to CHP July 1998)

Sue Williams, Ph.D. (1985)
Dissertation: Hemispace-VHF Asymmetries in Normal Adults

Cynthia Cimino, Ph.D. (1988)
Dissertation: *Attentional/Tactile asymmetries*
Internship: Brown University
Post-doc: Brown University
Current Position: Associate Professor, U. South Florida

Elena Balzac, Ph.D. (1993)
Dissertation: *Suboptimal exposure of emotional stimuli across the visual fields*
Internship: Baylor College of Medicine
Post-Doc: Houston VAMC
Current Position: Private Practice, Brookline, MA

Beth Slomine, Ph.D., ABPP/CN (1995)
Dissertation: *Hemispheric differences in emotional psychophysiology; a stroke model*
Internship: Boston Consortium/Harvard University
Post-doc: Philadelphia Geriatric Center
Current Position: Associate Professor, Johns Hopkins University, Director of Training and Neuropsychological Rehabilitation Services; Co-Director, Center for Brain Injury Recovery, Kennedy Krieger

Charles Richardson, Ph.D. LLB (1996)
Dissertation: *Digitizing the face: dynamic expression asymmetries*
Internship: McClean/Harvard Medical School
Other: University of Virginia Law School
Current Position: Health care atty; Baptist Hospital, Jacksonville, FL

Miles Rogish, Ph.D. (2003)
Dissertation: *Depression and Social Support in Epilepsy*
Internship: Tampa VAMC
Post-doc: University of Florida
Current Position: Consultant Clinical Psychologist, York House, Brain Injury Rehabilitation Trust (BIRT), York, England; Clinical Lecturer, Univeristy of Hull, England.

Otto Pedraza, Ph.D. (2004)

Dissertation: *Taxometric Analysis of Neuropsychology of Malingering*
 Internship: Emory University
 Post-Doc: Mayo Clinic, Jacksonville, FL
 Current Position: Assistant Professor, Mayo Clinic (K23 awardee)

Gregg Selk, Ph.D. (2005)
 Dissertation: *Startle reactivity in ADHD*
 Internship: Brown University
 Post-Doc: University of Florida
 Current Position: Clinical Associate Professor, Brown University

Kimberly Miller, Ph.D. (2009)
 Dissertation: *Psychophysiology, Parkinson's Disease and the Amygdala*
 Internship: University of Florida
 Post-doc: Martinez VAMC
 Current Position: Clinical Assistant Professor, Berkeley and Staff Neuropsychologist, VA Northern California Health Care System

Lindsey Kirsch-Darrow, Ph.D. (2010)
 Dissertation: *Multivariate Approach to Apathy, Neurocognition, and Parkinson Disease*
 Internship: University Alabama, Birmingham, 2009-2010
 PhD.: August 2010
 Post-Doc: Johns Hopkins University, Rehabilitation Medicine, 2010-2012
 Current Position: Rehabilitation Neuropsychologist, Walter Reed Medical Services, Bethesda, MD

Utaka Springer, Ph.D. (2010)
 Dissertation *Essential Tremor- Paradoxical Visuospatial Cognition*
 Internship: VA Northern California Health Care System
 Ph.D.: August 2010
 Post-Doc: UC-Berkeley, 2010-2012
 Current: Clinical Director of Behavioral Health, Community Wellness Department, Native American Health Council, San Francisco; Research Associate, Berkeley

Ania Mikos, Ph.D. (2004-2010)
 Dissertation: *Verbal Fluency Declines following DBS: computational modeling*
 Internship: Brown University, 2009-2010
 Ph.D: August 2010
 Post-Doc: Brown University
 Current: Lecturer, University of Zurich, Switzerland

Laura Zahodne, Ph.D. (2006-2012)
 Dissertation : *Depression in Parkinson Disease: Affective Chronometry , Psychophysiology & Anticipation*
 Internship: Brown University, 2011-2012
 Ph.D. August 2012
 Post-Doc: Columbia University (Y. Stern/J. Manley), T32 Fellow, Assoc Research Scientist, Columbia (2014-2016); : recipient of K99-R00, 2014-2019
 Current: Assistant Professor, University of Michigan (2016-

Daniel Kay, Ph.D. (2010-2013)
 Dissertation: *Sleep and Cognition in Parkinson Disease*
 Internship: University of Mississippi, 2012-2013
 Ph.D.: August 2013
 Post-doc University of Pittsburgh, T32 post-doctoral training program
 Current: Assistant Professor, BYU (2016-

Jenna Dietz Renfro, Ph.D.. (2008-2014)
 Master's: *Pupils, Emotion and Parkinson's Disease*

Dissertation: *Psychophysiology of Emotion in Parkinson Disease: Electro cortical Correlates of Emotion Perception, Preparation for Action, and Anticipation*
 Internship: Boston VAMC, 2013-2014
 Ph.D.: December 2014
 Post-Doc: Medical University of South Carolina and VAMC, Charleston (2014-2016)
 Current: Staff Neuropsychologist, St. Vincent's Hospital, Jacksonville, FL, 2016-

Jacob Jones, M.S. (2010-2016)
 Master's: *Health Comorbidities, Cognition, and Parkinson Disease*
 Dissertation: *White matter disease, hypertension, and cognition in Parkinson disease.*
 Internship Brown University, 2015-2016
 Ph.D. August 2016
 Post-Doc: UCLA- Semel , Los Angeles 2016-2018
 Current: Faculty, University California -

Jacob Lafo, M.S., (2012-2018)
 Masters:
 Dissertation: *Emotion Perception and Reactivity in Essential Tremor*
 Internship: Brown University, 2017-2018
 Ph.D., August 2018
 Post-Doc: Brown University, 2018-2020

Paul Mangal, M.S., (2012-2018)
 Masters: *Electrocortical correlates of emotional memory in Parkinson disease*
 Internship: Emory University, 2017-2018
 Ph.D., August 2018
 Post-doc: UC-San Francisco & VA, 2018-2020

CURRENT GRADUATE STUDENTS

Jacob Lafo, M.S. (2012 -)
 Masters: *Emotion regulation in older vs younger adults: an ERP study (2014)*
 Dissertation: *Emotion Perception and Reactivity in Essential Tremor*
 Internship: Brown University, 2017-2018

Paul Mangal, M.S. (2012-)
 Masters: *Electrocortical correlates of emotional memory in Parkinson disease (2014)*
 Dissertation: *Revitalize Cognition: A Proof of concept study using near infrared stimulation in older adults*
 Internship: Emory University, 2017-18
 Post-Doc: UC-San Francisco, 2018-20

Erin Trifilio, M.S. (2014-
 Masters: *Age Related Differences in Apathy and Anhedonia in Cognitively Normal Older Adults*
 Dissertation: *Development of the Gainesville Apathy Scale (GAS)*

Bonnie Scott, M.S., (2014 –
 First Year Project: *Semantic priming, emotion, and Parkinson disease: an ERP study*
 Dissertation: *Motivation in Parkinson's Disease: Parsing the temporal dynamics of anticipatory and consummatory stages of reward processing.*

Francesca Lopez, B.S. (2017-
 First year Project:

Brittany Rohl, B.S. (2017)
 First year project: *Concurrent and predictive validity of the Cognitive Rating Scale for DBS*

CHAIR, MASTERS COMMITTEE

Cynthia Cimino, 1985
 Karin McCoy, 1999
 Gregg Selke, 2001
 Kim Miller, 2004
 Utaka Springer, 2005
 Lindsey Kirsch Darrow, 2005
 Ania Mikos, 2006
 Ida Kellison, 2006
 Laura Zahodne, 2008
 Anne Nisenzon, 2008
 Beata Ferencz, 2009
 Jenna Dietz, 2010
 Liz Jordan, 2010
 Jacob Jones, 2012
 Paul Mangal 2014
 Jacob Lafo 2014
 Erin Trifilio 2015
 Brittany Rohl, 2018-19
 Francesca Lopez, 2018-29

MEMBER, DOCTORAL COMMITTEE

Cathy Williams, Ph.D.	CHP, 1984
Paul Haerich, Ph.D.	Psychology, 1989
Sigrid Rogers, Ph.D.	CHP, 1986
Philip Hangar, Ph.D.	CHP, 1987
Marcia Graham, Ph.D.	CHP, 1988
Ellen Spence, Ph.D.	CHP, 1992
Travis White, Ph.D.	CHP, 1992
Elizabeth Garner, Ph.D.	Psychology, 1997
Mark Eckert, Ph.D.	Neuroscience, 1998
Joe Sadek, Ph.D.	CHP, 2000
Sarah Kortenkamp, Ph.D.	CHP, 2000
Patches Johnson, Ph.D.	Statistics, 2001
Jason Demery, Ph.D.	CHP, 2004
Michael Larson, Ph.D.	CHP
Rebecca Jump, Ph.D.	CHP
Karin McCoy, Ph.D.	CHP
Paul Seignourel, Ph.D.	CHP
Hope Benefield, Ph.D.	CHP
Paul Wright, Ph.D.	Neuroscience, 2009
Kelly Gamble/Naugle, Ph.D.	HHP, 2011
Gila Reckess, Ph.D.	CHP, 2011
Ann Nisenzon, Ph.D.	CHP, 2011
Sandra Mitchell, Ph.D.	CHP, 2011
Joe Dzerski	CHP, 2012
Jared Tanner, M.S.	CHP, 2013
Callie Dunn, M.S.	CHP, 2015
Kelsey Thomas, M.S.	CHP, 2016
Stacy Maurer, M.S.	CHP, 2015
Chris Sege, M.S.	CHP, 2017
Audrey Harmazy, M.S.	SLA, 2015
Sarah Szymkowic, M.S.	CHP, active
Rob Henderson, M.S.	CHP, active
Jackie Maye, M.S.	CHP, active

Peter Rossi, B.S.	Neuroscience, 2016 (MD/PhD)
Kyoushin Park, M.S.	APK, active
Hyokeyun Lee, M.S.	APK, active
Loren Hizek, M.S.	CHP, active
Molly McLaren, M.S.	CHP, active
Robert Eisenger, B.S.	BME/COM, active (MD/PhD)
Sam Crowley, M.S.	CHP active

MEMBER, MASTERS COMMITTEE

Mary Morris	CHP, 1984
Travis White	CHP, 1989
Philip Hangar	CHP, 1989
Randi Lincoln	CHP, 1990
Carrie McDonald	CHP, 1999
Chris Loftis	CHP, 1999
Lisa Meltzer	CHP, 1999
Karen Bearss	CHP, 1999
Kimberly Justice	CHP, 1999
Stephani Marhefka	CHP, 1999
Stephan Anton	CHP, 1999
Korey Hood	CHP, 2000
Tom Sheod	CHP, 2000
Elizabeth Leritz	CHP, 2000
Rebecca Papas	CHP, 2000
Brendan Rich	CHP, 2000
Shalonder Slater	CHP, 2003
Paul Seignourel	CHP, 2003
Andrew Preston	CHP, 2003
Neha Dixit	CHP, 2003
Adam Hirsch	CHP, 2004
Karen Chung	CHP, 2004
Kelly Obrien	CHP, 2004
Laura Schoenfield	CHP, 2004
Melanie Fernandez	CHP, 2004
Sarah Cook	CHP, 2004
Adrienne Aiken	CHP, 2004
Kristen Marciel	CHP, 2004
Jason Gravano	CHP, 2012
Joshua Kirton	CHP, 2012
Kelsey Thomas	CHP, 2012
Nadia Bhuyian	CHP, 2012
Kristen Sanderson	CHP, 2012
Christopher Sege	CHP, 2012
Carmen Edwards	CHP, 2012
Loren Hizek	CHP, 2015
Asken Breton	CHP, 2015
Elizabeth Kizel	CHP, 2015
Molly Sullan	CHP, 2015
Kendra Krietsch	CHP, 2015

T32 NIA MENTORING COMMITTEES

Chair

Utaka Springer	ChP, 2007-2009
Laura Zahodne	CHP, 2009-2011
Daniel Kay	CHP, 2012-2013
Paul Mangal	CHP, 2013-

Member

Sarah Cook
Adrienne Aiken
Joe Drzerski
Kelsey Thomas

CHP
CHP
CHP
CHP

Visiting Foreign Scholars (Masters)

Beata Ferencz* 2009-2010
*(currently Doctoral student at Karolinska Institute)

U. Mastrich/UF Masters

Visiting Fogarty Fellow

Preeti Sinha, M.D., Associate Professor
Sagar, Ph.D.,

2016 NIMHANS, Bangalore, India
2018, NIMHANS, Bangalore, India

MARC Undergrad Visiting Scholars

K. Schoenfeld Summer 2009

Wake Forest

UNDERGRADUATE MENTEES & Status

Undergraduate Mentee		Year Grad	Post-Grad	Project	Current position
Melissa Glantz, M.D.	Honors	1990	UF COM	Autobiographic memory	Radiology, Gainesville, FL
LisA Eyler, Ph.D.	Honors	1991	U Penn	Facial emotion	Assoc Prof, UCSD,
Miles Ardaman, M.D.	IDS/UF	1995	Vanderbilt	Attentional asymmetry	Psychiatrist, Asheville, NC
Timothy Lucas, M.D.	RA	1996	UF COM	volumetrics	Neurosurgeon
Robert Chaskes DO	IDS/UF	1996	NOVA SE	Olfaction in epilepsy	Internal Medicine, Miami
Brad Stearns, M.D.	IDS/Neuro	1996	US COM	volumetric amyg asymm in TLE	ER physician, Atlanta GA
Daniel Schaeffer, MD	UF	1996	UF COM	emotion startle & epilepsy	Anesthesiology
Chris Delisle, DO	Summer NIH	1997	NOVA SE	Hippocampal volumetrics PD	Internal Medicine, Savannah GA
Kelvin Vidale	Summer NIH	1997	Indiana U. School of law	Memory- Volumetrics	Attorney
Michelle Simmons, Ph.D.	IDS	1997	UF Psych	TLE emotion	Consultant Microsoft
Jeanine Sparks, Ph.D.	Summer NIH	1998	Buffalo SUNY	mood and memory	Asst Prof
Carmen Peden MD/PHD	IDS	2000	UF COM	masked faces in PD	OB-GYN, Gainesville, FL
Jennifer Medina, Ph.D.	Honors/Psy	2000	Northwestern (PhD in Clin Psych)	emotional memory	Faculty & cllician Northwestern

Ashis Desai, B.S.	Honors	2000		Gender, emotion, face asymmetries	ConSultant, Deloitte & Touche
Dianne Harrell, M.D.	Honors	2002	UF COM	adhd emot	Pediatrician
Wendolyn Bosch, M.D.	IDS	2002	UF COM	Parkinson and emotion	Internal Medicine Faculty, Mayo Clinic
Mary Hamby, Ph.D.	Honors	2003	Rutgers	startle modulation semantics	Post-Doc, UCLA
Anyika King, Ph.D.	RA	2004	NOVA SE	Face digitizing-NIH	Private Practice Psychologist
Diedre Pachman, MD	IDS	2004	UFCOM	mood and memory	Oncology Fellow, Mayo Rochester
Harvey Montijo, MD	Honors	2005	Duke Medical	nback in PD	Fellow, Orthopedic Surgery
Tam Gober, MS	RA	2006	U.Washington	emotional semantics	Teacher
Shannon DeMaio, M.S.	RA	2006	Hofstra	face priming	Msmnt Speclist, NYC
Mary Wood, MD	Honors/IDS	2006	UF COM	volumetric reliability	Physician, Neuroradiologist
John McGetrick, MD	UF Honors	2006	U Chicago COM	emotion perception	Resident, neuro
Alexandra Rosas, MD	UF honors	2006	USF COM	emotional perception	Physician, Pediatrics
James Norton,BS	UF	2007	Business	Face digitizing-NIH PD	Business
Johns Abraham,BS	UF IDS	2007	FSU COM	Face digitizing-NIH PD	MD, internist
Amanda Fogel, PA	Honors	2007	UF	DBS satisfaction	Physician Asst, USF
Mike Syme,BS	Honors	2008	NIH/ FIU Med	Face digitizing-NIH PD	Intern/Residencyt
Taylor Kuhn,BS	Honors	2009	UF CHP	mental rotation in PD	Post-Doc (UCLA)
Joshua Troche,BS	Honors	2009	UF Speech	SOPT in PD	Post-doc Speech
Jennifer Goetz, BS	IDS/Honors	2009	UF COM	Autonoimc and mood in PD	Psychiatry Resident, Harvard/MCH
Karen Schoenfield	Summer MARC	2009	Wake Forest	positivity effect	Marc Scholar

David Ramski	RA	2009	Georgetown	Face digitizing	Cardiologist
Heather McKentley,BS	Honors/Valedictorian	2010	BRRRC, UF	Memory in PD	Internal Medicine Intern
Mila Borodoskaya	Honors/IDS	2010	Northwestern	Sleep PD	Resident
Tara Baun	HHScholar			emotion ERP	Med School
Jessica Hunter	HP Honors	2012	VA	Emotion mem	
Kerry Hyman	IDS/UF	2012	NIH Bethesda	Emotion ROF college	NIH IRTA
Diemunsch,Natacha L	HP Honors	2012	UF PA school	Sleep and PD	Physician Assist
Yereniss Murillo	HP Honors	2014	UF OT School	Emotion Regularion -PD	UF OT grad school
Jessica Helpfrey	UF Honors (Psych)	2014	undergrad	NIH examiner	NIH IRTA/ Grad school
Alexandra Ctorsan	UF Undergrad	2015	Undergrad	NIH Examiner	PA school
Salis Phadnis	UF Undergrad	2016	Undergrad	ERP	Post-bac
Erin Van Gorkum	UF Undergrad	2017	Undergrad	NIH Examiner	

MENTORED AWARDS: POST-DOC, GRADUATE, AND MEDICAL STUDENTS

# Awardees	Type Award	Recipient (s)
1	NIH Post-doctoral NRSA (F32-AG021363);	C. Price, Ph.D.
1	NIH/NINDS Post-doctoral Minority Supplement;	M. Lopez, Ph.D
4	NIH Predoctoral F31 NRSA's (NIMH & NINDS)	Greg Selk, Kim Miller L. Kirsch Darrow, J. Dietz
4	T32 predoctoral Trainee in Cognitive Aging NIA T32-AG020499, Marsiske PI	U. Springer, L. Zahodne, P Mangal , D. Kay, E. Trifilio
1	TL1 CTSI Training Grant	Bonnie Scott (2017-2019)
1	T32 Training Fellows in Movement Disorder NINDS T32-NS Bower/Vaillancourt	J. Lafo
7	APA Benton Meier Neuropsychology Award (Division 40) excellence in neuropsychology)	K. Miller, U. Springer, A. Mikos L. Kirsch-Darrow, L. Zahodne, J. Dietz, J. Jones
1	Bests Student Research Submission, Runner Up, Award; The Clinical Neuropsychologist, Best Student Submission (June 2016)	Jacob Lafo

4	APA (Division 20/40) Walter McMillen Memorial Award in Parkinson Disease Research	A. Mikos, L. Zahodne, J. Dietz, B. Scott
1	APA Research Highlights ANST	B. Rohl
2	American Neuropsychiatric Association Young Investigator Award	L. Kirsch-Darrow (2011), L. Zahodne
3	"Scientific Highlight" award, American Academy of Neurology for poster-paper presentations	I. Kellison, Kirsch-Darrow, L. Zahodne
4	Scholarship, Advanced Psychometrics Methods Workshop in Cognitive Aging, U. Washington, Friday Harbor Laboratories,	U. Springer, L. Kirsch Darrow L. Zahodne, J. Jones
2	Evelyn Smith INS international travel award; 6-week course "Neuropsychology Across the Lifespan" institute, Xylocastro, Greece, 2006	U. Springer, L. Kirsch-Darrow
3	Movement Disorders Society travel award, Parkinson Study Group research symposium	A. Mikos, L. Zahodne L. Kirsch-Darrow
1	APA, Division 40, Student Research Award for "evidence based neuropsychological practice"	Jacob Jones
2	APA Dissertation Research Awards	M. Rogish, B. Slomine
2	Bryan Robinson Endowment for Neuroscience Research award	B. Slomine, L. Zahodne
1	Kosciuszko Foundation Tuition Scholarship	A. Mikos
1	Master's thesis featured by APA monitor on Science	L. Kirsch-Darrow
6	Robert & Phylis Levitt Neuropsychology Research Award	L.Kirsch-Darrow, U. Springer A. Mikos, L. Zahodne, J. Dietz, J. Jones
5	Clinical & Health Psychology Research Excellence Award	L. Kirsch-Darrow, A Mikos U. Springer, L. Zahodne, J. Dietz
13	UF Graduate Student Council, Travel Awards	Rogish, Slomine, Selke, Kellison Pedraza, Mikos, Miller, Springer Kirsch-Darrow, Dietz, Jones Nisenzon, Jordan, Lafo, Mangal, Jones
1	APA (Division 41) American Psychology-Law Society, Grants in Aid	O. Pedraza
1	Officer (secretary), Association for for Neuropsychology Students in Training, APA (Division 40),	O.. Pedraza
1	Student member, Cultural and Diversity Task Force, National Academy of Neuropsychology	O. Pedraza

7	Public Health and Health Professions Research Poster Awards	J. Dietz, U. Springer, L., A. Mikos Zahodne, L. Kirsch- Darrpw, Jones, Dietz
1	Florida Society of Neurology Travel Fellowship Award	A. Mikos
1	Judson A. Clements Jr. Memorial Scholarship for Professional Development and Community Service	L. Zahodne
1	Best Fall Symposium presentation	L. Zahodne (2006)
5	Medical student Summer Research Awards	J. Goetz, J. Pavon, J. Young J. Graf-Radford, A. Smith

Undergraduate Awardees

1	1 st place national winner of Psi Chi/J.P Guilford Undergraduate Research Award for best research paper research paper,	J. Medina
1	2 nd place national winner of Psi Chi/Alyn Bacon Undergraduate Research Award-r best overall empirical study,	K. Delisle
5	University Scholars Research Awards	Desai, Bosch, Montijo, Fogel Goetz
9	Honors in Psychology	Medina, Chaskes, Hamby, Troche Kuhn, Goetz, Desai, Glantz, Ardamon,
15	Honors in IDS (Interdisciplinary Studies in Neurobiology)	Ardaman, Bell, Socarres, Stearns, White, Smith, Grey, Glantz, Peden, Wood, Goetz, Bosch, Bogoroski, Hyman
5	Honors in Health	Fogel, Montijo, Hunter , Diemunsch
1	Howard Hughes Summer Research award	Braun

CLINICAL POST-DOCTORAL SUPERVISION

<i>Neuropsych Post-Docs</i>	<i>Years</i>	<i>Current Status</i>
Jenna Belser-Erhlich	2017-18	ongoing
Heshan Fernandez, Ph.D.	2017-19	ongoing
Dahomey Abanisque, Ph.D.	2017-2019	ongoing
Shelley Anne Levy, Ph.D.	2016-2017	Clinical Asst. Professor, Dept Clinical & Health Psychology, UF
Seema Pandya, Ph.D.	2015-2017	Clinical Instructor, UCSF

London Butterfield, Ph.D.	2014-2016	Neuropsychologist, Baycare Medical Group St. Anthony's Hospital, St. Petersburg, FL
Tiffany Cummings, Psy.D.	2013-2015	Clinical Asst. Professor, Dept. Neurology, Wake Forest College of Medicine, NC
Danielle Wald, Psy.D.	2013-2015	Clinical Asst. Professor, WSU, and Private Practice, Spokane, WA
Caleb Peck, Psy.D.	2011 -2013	Asst. Professor Psychiatry, U. Connecticut, Institute of Living, Hartford Hospital, Hartford, CT
Michelle Prosje, Psy.D.	2009-2011	President/Owner, Neurobehavioral Specialist of Jacksonville, FL (Clinical Neuropsychology)
Michelle Keiski, Ph.D.	2007-2009	Asst Prof, Univ. Alabama, Birmingham, AL
Christian Dow, Ph.D.	2007-2009	Clinical Neuropsychologist, Gainesville VAMC
Laura Howe, Ph.D., J.D.	2005-2007	Neuropsychologist, Palo Alto, VAMC
Ashton Anderson, Psy.D.	2005-2007	Private practice, Adjunct UNC-Wilmington
Barry Skoblar, Psy.D.	2005-2007	Private practice, Adjunct UNC-Wilmington
Mabel Lopez, Ph.D.	2005-2006	Clinical Neuropsychologist, Owner & President Mind & Brain Care, Ft. Myers,
Miles Rogish, Ph.D.	2002-2003	Consultant Clinical Psychologist, York House, Brain Injury Rehabilitation Trust (BIRT), York, England; Clinical Lecturer, U. Hull

July 38, 2018