

**Paul S. Foster, Ph.D.**

**Curriculum Vitae**

**PERSONAL INFORMATION**

**Business Address and Phone:**

Middle Tennessee State University  
Department of Psychology  
1301 E. Main Street  
Murfreesboro, TN 37132  
(615) 898-2007  
pfoster@mtsu.edu  
paul.foster@neurology.ufl.edu

**EDUCATION**

**Doctor of Philosophy**

Clinical Psychology; Conferred May 15, 2004  
Virginia Polytechnic Institute and State University  
Title of Dissertation: Graded Cerebral Activation to Noise: Behavioral and  
Cardiovascular Effects.  
Major Advisor: David W. Harrison, Ph.D.

**Master of Science**

Clinical Psychology; Conferred June 8, 1996  
Georgia Southern University  
Title of Thesis: The Effects of Enacted Fantasy Aggression on Psychophysiological  
Arousal Resulting From Frustration.  
Major Advisor: Edward W. L. Smith, Ph.D.

**Bachelor of Science**

Public and Social Services; Conferred June 18, 1994  
Kennesaw State College  
Summa Cum Laude

**Bachelor of Science**

Psychology; Conferred June 19, 1993  
Kennesaw State College

## PROFESSIONAL POSITIONS

### **Assistant Professor**

08/01/07 to present

Middle Tennessee State University, Department of Psychology, Murfreesboro, TN

### **Research Assistant Professor, Complementary Appointment**

08/01/07 to present

University of Florida, Department of Neurology, Gainesville, FL

### **Research Assistant Professor**

09/01/06 to 07/31/07

University of Florida, Department of Neurology, Gainesville, FL

### **Neuropsychology and Behavioral Neurology Postdoctoral Fellow**

09/13/04 to 08/31/06

University of Florida, Department of Neurology, and Malcom Randall VAMC Research Service, Gainesville, FL. Supervisors: Kenneth M. Heilman, M.D. and Gregory P. Crucian, Ph.D.

### **Adult Neuropsychology Intern**

09/02/03 to 09/01/04

University of North Carolina School of Medicine, Chapel Hill, NC. Supervisor: Karla Thompson, Ph.D.

## CLINICAL WORK EXPERIENCE

### **Assessment Specialist**

07/06/99 to 09/02/04

Respond at the Lewis-Gale Medical Center, Salem, Virginia

### **Neuropsychological Technician**

08/30/02 to 12/27/02

Neuropsychological and Counseling Services, Salem, Virginia

### **Interim Coordinator**

10/12/01 to 01/12/02

Respond at Montgomery Regional Hospital, Blacksburg, Virginia

### **Associate Psychologist**

06/10/96 to 07/30/98

Southern Psychological Services, Statesboro, Georgia

**Mental Health Technician**

07/09/93 to 09/17/94

The Devereux Foundation, Kennesaw, Georgia

**Co-Chairman**

08/93 to 08/94

Power Over Panic, Inc., Atlanta, Georgia

**TEACHING EXPERIENCE**

**Graduate Instructor**

07/05/99 to 04/30/03

Virginia Polytechnic Institute and State University, Blacksburg, Virginia. Courses taught: Senior Seminar in Clinical Neuropsychology, Principles of Psychological Research, Research Field Study, Abnormal Psychology, Psychology of Learning, Cognitive Psychology Lab, Social Psychology Lab, Developmental Psychology Lab.

**Graduate Teaching Assistant**

08/24/98 to 05/05/99

Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

**EDITORIAL AND REVIEWER ACTIVITIES**

2006 to Present	Grant reviewer for Austrian Science Fund
2006 to Present	Ad Hoc Reviewer – <i>Journal of the International Neuropsychological Society</i>
2006 to Present	Ad Hoc Reviewer – <i>Brain and Cognition</i>
2006 to Present	Ad Hoc Reviewer – <i>The Clinical Neuropsychologist</i>
2005 to Present	Ad Hoc Reviewer – <i>Neuropsychologia</i>
2000 to 2001	Ad Hoc Reviewer – <i>Journal of Gender, Culture, and Health</i>

**GRANTS AND RESEARCH SUPPORT**

Price, C., Crucian, G. P., Foster, P. S., & Heilman, K. M. Treating patients with Alzheimer's disease with significant subcortical white matter lesions with donepezil. 2005 to present. Funded by Eisai Pharmaceuticals (\$180,000).

Foster, P. S., Heilman, K. M., Drago, V., Skidmore, F., & Crucian, G. P. (not funded). The efficacy of gabapentin in the treatment of mood and anxiety fluctuations in Parkinson's disease. Submitted to The Michael J. Fox Foundation for Parkinson's Research (\$200,000 proposed).

Heilman, K. M., Skidmore, F., Foster, P. S., Okun, M., Fernandez, H., Richards, L., & Crucian, G. P. (not funded). Limb-kinetic apraxia in Parkinson's disease: Diagnosis and treatment. Submitted to The Michael J. Fox Foundation for Parkinson's Research (\$360,000 proposed).

Foster, P. S., Webster, D. G., & Williamson, J. B. The psychophysiological differentiation of emotional memories. 1996. Funded by the Georgia Southern University Graduate Student Professional Development Fund (\$400).

Foster, P. S., Webster, D. G., & Smith, E. W. L. The psychophysiological differentiation of emotional memories. 1997. Funded by the Georgia Southern University Graduate Student Professional Development Fund (\$400).

## PUBLICATIONS

Foster, P. S., Drago, V., Webster, D. G., Harrison, D. W., Crucian, G. P., & Heilman, K. M. (in press). Emotional influences on spatial attention. *Neuropsychology*.

Foster, P. S., Harrison, D. W., Crucian, G. P., Rhodes, R. D., Drago, V., & Heilman, K. M. (in press). Left posterior temporal lobe slow wave verbal learning deficit. *Developmental Neuropsychology*.

Drago, V., Foster, P. S., Webster, D. G., Crucian, G. P., & Heilman, K. M. (in press). Lateral and vertical attentional biases in normal individuals. *International Journal of Neuroscience*.

Drago, V., Finney, G. R., Foster, P. S., Amengual, A. M., Yeong, J., Mizuno, T., Crucian, G. P., & Heilman, K. M. (in press). Spatial-attention and emotional evocation: Line bisection performance and visual art emotional evocation. *Brain and Cognition*.

Amengual, A. M., Drago, V., Foster, P. S., Leiguarda, R. C., & Heilman, K. M. (in press). Vertical Scanning Biases and their Possible Influence on Reading Direction: Celtic Wisdom or Folly. *Journal of the International Neuropsychological Society*.

Mollet, G. A., Harrison, D. W., Walters, R. P., & Foster, P. S. (2007). Asymmetry in the emotional content of lateralised multimodal hallucinations following right thalamic stroke. *Cognitive Neuropsychiatry*, 12, 422-436.

Foster, P. S., Crucian, G. P., Drago, V., Burks, D.W., Mielke, J., Shenal, B. V., Rhodes, R. D., Grande, L. J., Womack, K., Riesta, A., & Heilman, K. M. (2007). The effects of movement direction and hemispace on estimates of distance traveled. *Brain and Cognition*, 64, 184-188.

Williams, L. N., Seignourel, P., Crucian, G. P., Okun, M. S., Rodriguez, R. L., Skidmore, F. M., Foster, P. S., Jacobson, C. E., Romrell, J., Bowers, D., & Fernandez, H. H. (2007). Laterality, region, and type of motor dysfunction correlate with cognitive impairment in Parkinson's disease. *Movement Disorders*, 22, 141-145.

Foster, P. S., & Harrison, D. W. (2006). Magnitude of cerebral asymmetry at rest: Covariation with baseline cardiovascular activity. *Brain and Cognition*, 61, 286-297.

Drago, V., Crucian, G. P., Foster, P. S., Cheong, J., Finney, G. R., Pisani, F., & Heilman, K. M. (2006). Lewy Body Dementia and creativity: Case report. *Neuropsychologia*, 44, 3011-3015.

Drago, V., Foster, P. S., Trifiletti, D., FitzGerald, D. B., Kluger, B. M., Crucian, G. P., & Heilman, K. M. (2006). "What's inside the art?" The Influence of Fronto-Temporal Dementia in Art Production. *Neurology*, 67, 1285-1287.

Walters, R. P., Harrison, D. W., Williamson, J., & Foster, P. S. (2006). Lateralized visual hallucinations: An analysis of affective valence. *Applied Neuropsychology*, 13, 160-165.

Okun, M. S., Fernandez, H. H., Rodriguez, R. L., Romrell, J., Suelter, M., Munson, S., Louis, E. D., Mulligan, T., Foster, P. S., Shenal, B. V., Armaghani, S. J., Jacobson, C., Wu, S., & Crucian, G. (2006). Testosterone therapy in men with Parkinson's disease: Results of the TEST-PD study. *Archives of Neurology*, 63, 729-735.

Foster, P. S., Williamson, J. B., & Harrison, D. W. (2005). The Ruff Figural Fluency Test: Heightened right frontal lobe delta activity as a function of performance. *Archives of Clinical Neuropsychology*, 20, 427-434.

Foster, P. S., & Harrison, D. W. (2004). The covariation of cortical electrical activity and cardiovascular responding. *International Journal of Psychophysiology*, 52, 239-255.

Foster, P. S., & Harrison, D. W. (2004). Cerebral correlates of varying ages of emotional memories. *Cognitive and Behavioral Neurology*, 17, 85-92.

Foster, P. S. (2004). Use of the Calmset 3 Biofeedback/Relaxation System in the assessment and treatment of chronic nocturnal bruxism. *Applied Psychophysiology and Biofeedback*, 29, 141-147.

Foster, P. S., Webster, D. G., & Williamson, J. B. (2002-2003). The psychophysiological differentiation of actual, imagined, and recollected mirth. *Imagination, Cognition and Personality*, 22, 163-180.

Foster, P. S., & Harrison, D. W. (2002). The relationship between magnitude of cerebral activation and intensity of emotional arousal. *International Journal of Neuroscience*, *112*, 1477-1491.

Foster, P. S., & Eisler, R. M. (2001). An integrative approach to the treatment of Obsessive-Compulsive Disorder. *Comprehensive Psychiatry*, *42*, 24-31.

Foster, P. S., & Webster, D. G. (2001). Emotional memories: The relationship between age of memory and the corresponding psychophysiological responses. *International Journal of Psychophysiology*, *41*, 11-18.

Foster, P. S., Smith, E. W. L., & Webster, D. G. (1998-1999). The psychophysiological differentiation of actual, imagined, and recollected anger. *Imagination, Cognition and Personality*, *18*, 189-203.

Foster, P. S., Webster, D. G., & Smith, E. W. L. (1997-1998). The psychophysiological differentiation of emotional memories. *Imagination, Cognition and Personality*, *17*, 111-122.

Tirnauer, L., Smith, E. W. L., & Foster, P. S. (1996). The American Academy of Psychotherapists research committee survey of members. *Voices*, *32*, 87-94.

## **SUBMITTED FOR PUBLICATION**

Foster, P. S., Drago, V., Crucian, G. P., Skidmore, F., Rhodes, R.D., Shenal, B. V., Skoblar, B., & Heilman, K. M. (submitted). Verbal and visuospatial memory in lateral onset Parkinson's disease: Time is of the essence. *Neuropsychology*.

Foster, P. S., Drago, V., Skidmore, F., Skoblar, B., Crucian, G. P., Rhodes, R. D., & Heilman, K. M. (submitted). Greater motor improvement in right hemibody Parkinson's patients after dopaminergic medications. *Parkinsonism and Related Disorders*.

Foster, P. S., Drago, V., Crucian, G. P., Rhodes, R. D., Shenal, B. V., Skoblar, B., Skidmore, F., & Heilman, K. M. (submitted). Anxiety and depression severity are related to right but not left onset Parkinson's disease duration. *Journal of the International Neuropsychological Society*.

Foster, P. S., Drago, V., Harrison, D. W., Skidmore, F., Crucian, G. P., & Heilman, K. M. (submitted). Resting heart rate in left versus right hemibody onset Parkinson's disease patients. *Journal of Psychophysiology*.

Foster, P. S., Drago, V., FitzGerald, D. B., Skoblar, B. M., Crucian, G. P., & Heilman, K. M. (submitted). Spreading activation of lexical-semantic networks in Parkinson's disease. *Neuropsychologia*.

Foster, P. S., Drago, V., Crucian, G. P., Rhodes, R. D., Shenal, B. V., & Heilman, K. M. (submitted). Verbal learning in Alzheimer's disease: Cumulative word knowledge gains across learning trials. *Journal of the International Neuropsychological Society*.

Foster, P. S., Drago, V., & Harrison, D. W. (submitted). The Figure Trail Making Test: Development and initial validation of an alternative measure of executive functioning. *International Journal of Testing*.

Foster, P. S., Drago, V., & Harrison, D. W. (submitted). The Design Learning Test: A visuospatial analog of the Rey Auditory Verbal Learning Test. *Journal of Psychology*.

Drago, V., Foster, P. S., Ferri, R., Arico, D., & Heilman, K. M. (submitted). Distractibility and Alzheimer disease: The "neglected" phenomena. *Journal of Neurology, Neurosurgery, and Psychiatry*.

Drago, V., Foster, P. S., Skidmore, F., & Heilman, K. M. (submitted). Creativity in Parkinson's disease as a function of right versus left hemibody onset. *Neurology*.

Drago, V., Trifiletti, D., Foster, P. S., Skidmore, F., & Heilman, K. M. (submitted). Emotional arousal in Parkinson's disease. *Cognitive and Behavioral Neurology*.

Drago V., Foster, P. S., Skidmore, F. M., Kluger, B., Antoniello, D., & Heilman, K. M. (submitted). Attentional grasp in Parkinson's disease. *Parkinsonism and Related Disorders*.

Cox, D. E., Foster, P. S., Rhodes, R. D., Demaree, H. A., Everhart, E., & Harrison, D. W. (submitted). Cerebral asymmetry in emotion and cardiovascular regulation: A functional systems analysis. *Neuropsychology Review*.

Skidmore, F. M., Foster, P. S., Manini, T., Mackman, C. M., Drago, V., Pav, B., & Heilman, K. M. (submitted). Bradykinesia and impaired motor planning have distinct effects on movement plan length and persistence. *Neurology*.

Skidmore, F., Drago, V., Foster, P. S., Okun, M. S., Heilman, K. M., & Streiff, R. (submitted). Aceruloplasminemia with progressive atrophy without brain iron overload: Treatment with oral chelation. *Journal of Neurology, Neurosurgery and Psychiatry*.

Skidmore, F. M., Mackman, C. M., Foster, P. S., Drago, V., Pav, B., Manini, T., & Heilman, K. M. (submitted). Depression influences peak activity levels in individuals with idiopathic Parkinson's disease. *Neurology*.

Skidmore, F. M., Manini, T., Foster, P. S., Mackman, C. M., Drago, V., Pav, B., & Heilman, K. M. (submitted). Impaired motor planning in patients with Parkinson disease and its relationship to daily activity levels and functional status. *Neurology*.

Skidmore, F. M., Pav, B., Foster, P. S., Kluger, B., Garvan, C., Mackman, C. M., Drago, V., Fernandez, H. H., & Heilman, K. M. (submitted). Conceptual hypometria of far peripersonal space in Parkinson's disease. *Neurology*.

Skoblar, B., Crucian, G. P., Anderson, A. M., Foster, P. S., Drago, V., Bowers, D., Okun, M. S., & Heilman, K. M. (submitted). Neurocognitive correlates of word list memory performance in Parkinson's disease. *Clinical Neuropsychologist*.

FitzGerald, D. B., Crucian, G. P., Mielke, J. B., Shenal, B. V., Burks, D. B., Womack, K. B., Ghacibeh, G., Drago, V., Foster, P. S., Valenstein, E., & Heilman, K. M. (submitted). Effects of donepezil on semantic processing and verbal memory in healthy elder adults. *Neurology*.

Harrison, D. W., Carmona, J. E., & Foster, P. S. (submitted). Anger, fear, and the autonomic nervous system: A case study of panic attack and vection using quantitative EEG. *Cognitive and Behavioral Neurology*.

Gary, M. F., Seignourel, P., Crucian, G. P., Foster, P. S., Williams, L. N., Jacobson, C., Munson, S. K., Okun, M. S., Skidmore, F. M., Rodriguez, R. L., & Fernandez, H. H. (submitted). Depression in Parkinson's disease tracks cognitive decline globally. *Movement Disorders*.

Crucian, G. P., Burks, D. W., Armaghani, S. J., Mielke, J., Shenal, B. V., Rhodes, R. D., Grande, L. J., Womack, K., Riestra, A., Foster, P. S., Okun, M. S., Bowers, D., Wu, S. S., & Heilman, K. M. (submitted). Predicting supraspan memory in Parkinson's disease. *Neuropsychology*.

## **PUBLISHED ABSTRACTS**

Foster, P. S., Crucian, G. P., Burks, D. W., Mielke, J., Shenal, B. V., Rhodes, R. D., Grande, L. J., Womack, K., Riesta, A., & Heilman, K. M. (2006). The effects of movement direction and hemispace on estimates of distance traveled. *Journal of the International Neuropsychological Society*, 12(Suppl. 1), 5.

Foster, P. S., Drago, V., Heilman, K. M., & Harrison, D. W. (2006). Verbal learning ability and posterior temporal lobe slow wave activity. *Journal of the International Neuropsychological Society*, 12(Suppl. 1), 14.

Foster, P. S., Drago, V., Rhodes, R. D., Crucian, G. P., & Heilman, K. M. (2006). Relationships between verbal and nonverbal memory and the laterality of Parkinsonian signs. *Journal of the International Neuropsychological Society*, 12(Suppl. 1), 111.

Foster, P. S., Rhodes, R. D., Lohse, B., Shenal, B. V., Crucian, G. P., & Heilman, K. M. (2006). Learning in Alzheimer's and Parkinson's disease. *Journal of the International Neuropsychological Society*, 12(Suppl. 1), 49.

Foster, P. S., Thompson, K., Drago, V., & Heilman, K. M. (2006). Lateral differences in psychomotor speed among patients with left and right temporal lobe epilepsy. *Journal of the International Neuropsychological Society, 12*(Suppl. 1), 89.

Foster, P. S., Webster, D. G., Drago, V., Crucian, G. P., & Heilman, K. M. (2006). Lateral and vertical attentional biases in normal individuals. *Journal of the International Neuropsychological Society, 12*(Suppl. 1), 5.

Crucian, G. P., Armaghani, S. J., Armaghani, A., Foster, P. S., Burks, D. W., Drago, V., Rhodes, R. D., Okun, M. S., Fernandez, H. H., & Heilman, K. M. (2006). Visual-spatial disembedding in Parkinson's disease. *Journal of the International Neuropsychological Society, 12*(Suppl. 1), 110-111.

Drago, V., Cheong, J., Finney, G. R., Crucian, G. P., Foster, P. S., Pisani, F., & Heilman, K. M. (2006). Lewy Body Dementia and creativity: Case report. *Journal of the International Neuropsychological Society, 12*(Suppl. 1), 116-117.

Drago, V., Foster, P. S., Crucian, G. P., & Heilman, K. M. (2006). Cognitive festination and impersistence in Parkinson's disease. *Journal of the International Neuropsychological Society, 12*(Suppl. 1), 170.

Rhodes, R. D., Lohse, B., Foster, P. S., Shenal, B. V., Crucian, G. P., & Heilman, K. M. (2006). Short-term verbal learning in Alzheimer's disease: Statistical versus clinical significance. *Journal of the International Neuropsychological Society, 12*(Suppl. 1), 53.

Foster, P. S., & Harrison, D. W. (2005). Baseline cardiovascular activity: Covariation with electrophysiological asymmetry. *Journal of the International Neuropsychological Society, 11*(Suppl. 1), 37-38.

Foster, P. S., & Harrison, D. W. (2005). Frontal lobe inhibition of the temporal lobes: Cardiovascular correlates. *Journal of the International Neuropsychological Society, 11*(Suppl. 1), 148.

Foster, P. S., & Harrison, D. W. (2005). The Design Learning Test: Support for right hemisphere sensitivity. *Journal of the International Neuropsychological Society, 11*(Suppl. 1), 134.

Foster, P. S., Walters, R., & Harrison, D. W. (2005). Individual alpha variability: Variation in frequency and amplitude of the dominant rhythm. *Journal of the International Neuropsychological Society, 11*(Suppl. 1), 148.

Mollet, G. A., Walters, R. P., Harrison, D. W., & Foster, P. S. (2005). Alexia without agraphia: A traditional vs. a non-traditional case. *Journal of the International Neuropsychological Society, 11*(Suppl. 1), 123-124.

Foster, P. S., Thompson, K., & Harrison, D. W. (2004). Varying ages of angry memories: Electroencephalographic correlates. *Journal of the International Neuropsychological Society*, 10(Suppl. 1), 33.

Foster, P. S., Thompson, K., & Harrison, D. W. (2004). Recollection of mirthful memories: Covariation of electrophysiological and cardiovascular responding. *Journal of the International Neuropsychological Society*, 10(Suppl. 1), 33.

Foster, P. S., Mollet, G., Walters, R., & Harrison, D. W. (2004). Quantitative electroencephalographic evidence for the double dissociation of the Trail Making Test. *Archives of Clinical Neuropsychology*, 19, 903.

Foster, P. S., Walters, R., Mollet, G., & Harrison, D. W. (2004). Hostility as a function of right frontal lobe slow wave activity. *Archives of Clinical Neuropsychology*, 19, 941-942.

Foster, P. S., Walters, R., Mollet, G., & Harrison, D. W. (2004). Performance on the Figure Trail Making Test as a function of right frontal lobe delta activity. *Archives of Clinical Neuropsychology*, 19, 903-904.

Foster, P. S., & Harrison, D. W. (2004). Cerebral correlates of varying ages of emotional memories. *Neuropsychology Abstracts*, 13, 138.

Foster, P. S., Williamson, J., Beck, A., & Harrison, D. W. (2003). The Ruff Figural Fluency Test: Heightened right frontal lobe delta activity as a function of performance. *Archives of Clinical Neuropsychology*, 18, 759.

Foster, P. S., Beck, A., Mollet, G., & Harrison, D. W. (2003). Homologous hemispheric comparisons using quantitative electroencephalography: Is symmetry to be expected? *Archives of Clinical Neuropsychology*, 18, 796-797.

Foster, P. S., Beck, A., & Harrison, D. W. (2003). The Figure Arrangement Test: Differential performance between low and high hostile men. *Archives of Clinical Neuropsychology*, 18, 796.

Williamson, J. B., Foster, P. S., & Harrison, D. W. (2003). Functional cerebral asymmetry as a function of hostility. *Psychophysiology*, 40(Suppl.), S92.

Foster, P. S., Williamson, J., & Harrison, D. W. (2003). That was so funny you can even see it on my brain. *Psychophysiology*, 40(Suppl.), S40.

Foster, P. S., Williamson, J., & Harrison, D. W. (2003). The effects of varying intensity of white noise on cerebral activation. *Psychophysiology*, 40(Suppl.), S40.

Harrison, D. W., Walters, R. P., Williamson, J. B., & Foster, P. S. (2002). Lateralized visual hallucinations: Analysis of affective valence. *Archives of Clinical Neuropsychology, 17*, 752.

Foster, P. S., Williamson, J. B., & Harrison, D. W. (2002). The Design Learning Test: Assessment of learning using the right hemisphere. *Archives of Clinical Neuropsychology, 17*, 837.

Foster, P. S., & Harrison, D. W. (2002). Quantitative electroencephalographic assessment of an individual with comorbid depression and panic attacks. *Archives of Clinical Neuropsychology, 17*, 808-809.

Foster, P. S., & Harrison, D. W. (2002). Blazing trails with the right hemisphere: A homologous version of Trail Making Parts A and B. *Archives of Clinical Neuropsychology, 17*, 836-837.

Williamson, J. B., Harrison, D. W., & Foster, P. S. (2002). Emotion and arousal: A functional cerebral systems analysis. *Psychophysiology, 39*(Suppl. 1), S87.

Foster, P. S., Beck, A., & Harrison, D. W. (2002). Intensity and age effects of angry memories on cardiovascular responding. *Psychophysiology, 39*(Suppl. 1), S35.

Foster, P. S., & Harrison, D. W. (2002). Now I'm really angry, just look at my brain! *Psychophysiology, 39*(Suppl. 1), S36.

Foster, P. S., & Harrison, D. W. (2002). Resting magnitude of cerebral asymmetry: Baseline cardiovascular correlates. *Psychophysiology, 39*(Suppl. 1), S36.

Foster, P. S., & Harrison, D. W. (2002). Changes in magnitude of cerebral activation: Covariation with cardiovascular responding. *Psychophysiology, 39*(Suppl. 1), S36.

Christie, I., Williamson, J. B., Foster, P. S., & Park, A. (2001). Electroencephalographic and autonomic examination of complex melodies and rhythms. *Psychophysiology, 38*(Suppl. 1), S33.

Foster, P. S., & Harrison, D. W. (2001). Quantitative electroencephalographic outcome assessment of expressive dysphasia and dysprosodia. *Archives of Clinical Neuropsychology, 16*, 762.

Foster, P. S., & Harrison, D. W. (2001). The neurophysiology of pessimism. *Archives of Clinical Neuropsychology, 16*, 724.

Williamson, J. B., Shenal, B. V., Rhodes, R., Foster, P. S., & Harrison, D. W. (2000). Quantitative EEG assessment of an adolescent with expressive aprosodia. *Archives of Clinical Neuropsychology, 15*, 787.

Foster, P. S., Williamson, J. B., & Harrison, D. W. (2000). Quantitative Electroencephalogram of an individual diagnosed with nonfluent dysphasia. *Archives of Clinical Neuropsychology, 15*, 722.

## PRESENTATIONS

Webster, D. G., Nielsen, M., Foster, P. S., & Drago V. (2007, May). *SOSA: A New Approach to Assessment*. Poster session to be presented at the annual meeting of the Association for Psychological Science, Washington, D.C.

Webster, D. G., Nielsen, M., Foster, P. S., & Drago V. (2007, April). *SOSA: A Novel Approach to Assessment*. Poster session to be presented at the annual meeting of the Georgia Psychological Society, Macon, GA.

Foster, P. S., Drago, V., Crucian, G. P., & Heilman, K. M. (2007, February). *Executive functioning in Parkinson's disease: The effects of asymmetrical symptom presentation and anxiety*. Poster session presented at the annual meeting of the International Neuropsychological Society, Portland, OR.

Foster, P. S., Drago, V., Skoblar, B., Crucian, G. P., & Heilman, K. M. (2007, February). *Asymmetrical Parkinson's and dopaminergic enhancement*. Poster session presented at the annual meeting of the International Neuropsychological Society, Portland, OR.

Foster, P. S., Loring, D. W., Meador, K., Drago, V., & Heilman, K. M. (2007, February). *Errors on the Trail Making Test in left and right temporal lobe epilepsy*. Poster session presented at the annual meeting of the International Neuropsychological Society, Portland, OR.

Drago, V., Foster, P. S., Skidmore, F., Kluger, B. M., FitzGerald, D. B., Antoniello, D., & Heilman, K. M. (2007, February). *Attentional grasp in Parkinson's disease*. Poster session presented at the annual meeting of the International Neuropsychological Society, Portland, OR.

Drago, V., Finney, G. R., Foster, P. S., Amengual, A. M., Yeong, J., Mizuno, T., Crucian, G. P., & Heilman, K. M. (2007, February). *Spatial-attention and emotion evocation: Line bisection's performance and visual art's emotional evocation*. Poster session presented at the annual meeting of the International Neuropsychological Society, Portland, OR.

Drago, V., Foster, P. S., Skidmore, F., FitzGerald, D. B., Kluger, B. M., Antoniello, D., & Heilman, K. M. (2007, February). *Pseudoneglect in Parkinson's disease*. Poster session presented at the annual meeting of the International Neuropsychological Society, Portland, OR.

Foster, P. S., Drago, V., Rhodes, R. D., Crucian, G. P., Skidmore, F., & Heilman, K. M. (2006, October). *The effects of mental processing speed on immediate and delayed recognition in Parkinson's disease*. Poster session presented at the 10<sup>th</sup> Movement Disorder Society's International Congress, Kyoto, Japan.

Foster, P. S., Crucian, G. P., Burks, D. W., Mielke, J., Shenal, B. V., Rhodes, R. D., Grande, L. J., Womack, K., Riesta, A., & Heilman, K. M. (2006, February). *The effects of movement direction and hemisphere on estimates of distance traveled*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Foster, P. S., Drago, V., Heilman, K. M., & Harrison, D. W. (2006, February). *Verbal learning ability and posterior temporal lobe slow wave activity*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Foster, P. S., Drago, V., Rhodes, R. D., Crucian, G. P., & Heilman, K. M. (2006, February). *Relationships between verbal and nonverbal memory and the laterality of Parkinsonian signs*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Foster, P. S., Rhodes, R. D., Lohse, B., Shenal, B. V., Crucian, G. P., & Heilman, K. M. (2006, February). *Learning in Alzheimer's and Parkinson's disease*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Foster, P. S., Thompson, K., Drago, V., & Heilman, K. M. (2006, February). *Lateral differences in psychomotor speed among patients with left and right temporal lobe epilepsy*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Foster, P. S., Webster, D. G., Drago, V., Crucian, G. P., & Heilman, K. M. (2006, February). *Lateral and vertical attentional biases in normal individuals*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Crucian, G. P., Armaghani, S. J., Armaghani, A., Foster, P. S., Burks, D. W., Drago, V., Rhodes, R. D., Okun, M. S., Fernandez, H. H., Heilman, K. M. (2006, February). *Visual-spatial disembedding in Parkinson's disease*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Drago, V., Foster, P. S., Crucian, G. P., & Heilman, K. M. (2006, February). *Cognitive festination and impersistence in Parkinson's disease*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Drago, V., Crucian, G. P., Foster, P. S., Cheong, J., Finney, G. R., Pisani, F., & Heilman, K. M. (2006, February). *Lewy Body dementia and creativity: Case report*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Rhodes, R. D., Lohse, B., Foster, P. S., Shenal, B. V., Crucian, G. P., & Heilman, K. M. (2006, February). *Short-term verbal learning in Alzheimer's disease: Statistical versus clinical significance*. Poster session presented at the annual meeting of the International Neuropsychological Society, Boston, MA.

Foster, P. S., Walters, R., & Harrison, D. W. (2005, February). *Individual alpha variability: Variation in frequency and amplitude of the dominant rhythm*. Poster session presented at the annual meeting of the International Neuropsychological Society, St. Louis, MO.

Foster, P. S., & Harrison, D. W. (2005, February). *Baseline Cardiovascular activity: covariation with electrophysiological asymmetry*. Poster session presented at the annual meeting of the International Neuropsychological Society, St. Louis, MO.

Foster, P. S., & Harrison, D. W. (2005, February). *Frontal lobe inhibition of the temporal lobes: Cardiovascular correlates*. Poster session presented at the annual meeting of the International Neuropsychological Society, St. Louis, MO.

Foster, P. S., & Harrison, D. W. (2005, February). *The Design Learning Test: Support for right hemisphere sensitivity*. Poster session presented at the annual meeting of the International Neuropsychological Society, St. Louis, MO.

Mollet, G. A., Walters, R. P., Harrison, D. W., & Foster, P. S. (2005, February). *Alexia without agraphia: A traditional vs. a non-traditional case*. Poster session presented at the annual meeting of the International Neuropsychological Society, St. Louis, MO.

Foster, P. S., Mollet, G., Walters, R., & Harrison, D. W. (2004, November). *Quantitative electroencephalographic evidence for the double dissociation of the Trail Making Test*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Seattle, WA.

Foster, P. S., Walters, R., Mollet, G., & Harrison, D. W. (2004, November). *Hostility as a function of right frontal lobe slow wave activity*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Seattle, WA.

Foster, P. S., Walters, R., Mollet, G., & Harrison, D. W. (2004, November). *Performance on the Figure Trail Making Test as a function of right frontal lobe delta activity*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Seattle, WA.

Mollet, G. A., Harrison, D. W., Foster, P. S., & Walters, R. P. (2004, November). *Thalamic syndrome: Lateralized emotional multimodal hallucinations*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Seattle, WA.

Foster, P. S., Thompson, K., & Harrison, D. W. (2004, February). *Varying ages of angry memories: Electroencephalographic correlates*. Poster session presented at the annual meeting of the International Neuropsychological Society, Baltimore, MD.

Foster, P. S., Thompson, K., & Harrison, D. W. (2004, February). *Recollection of mirthful memories: Covariation of electrophysiological and cardiovascular responding*. Poster session presented at the annual meeting of the International Neuropsychological Society, Baltimore, MD.

Foster, P. S., Beck, A. L., & Harrison, D. W. (2003, October). *The Ruff Figural Fluency Test: Heightened right frontal lobe delta activity as a function of performance*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Dallas, TX.

Foster, P. S., Beck, A. L., & Harrison, D. W. (2003, October). *The Figure Arrangement Test: Differential performance between low and high hostile men*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Dallas, TX.

Foster, P. S., Beck, A. L., Mollet, G. A., & Harrison, D. W. (2003, October). *Homologous hemispheric comparisons using quantitative electroencephalography: Is symmetry to be expected?* Poster session presented at the annual meeting of the National Academy of Neuropsychology, Dallas, TX.

Williamson, J. B., Foster, P., & Harrison, D. W. (2003, October). *Functional cerebral asymmetry as a function of hostility*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL.

Foster, P. S., Williamson, J., & Harrison, D. W. (2003, October). *That was so funny you can even see it on my brain!* Poster session presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL.

Foster, P. S., Williamson, J., & Harrison, D. W. (2003, October). *The effects of varying intensity of white noise on cerebral activation*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Chicago, IL.

Beck, A. L., Mollet, G. A., Foster, P. S., Walters, R. P., & Harrison, D. W. (2003, March). *Thalamic syndrome: Lateralized multimodal hallucinations*. Poster session presented at the 19<sup>th</sup> Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.

Foster, P. S., & Harrison, D. W. (2003, March). *That was so funny you can even see it on my brain!* Poster session presented at the 19<sup>th</sup> Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.

Harrison, D. W., Walters, R. P., Williamson, J. B., & Foster, P. S. (2002, October). *Lateralized visual hallucinations: Analysis of affective valence*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Miami, FL.

Foster, P. S., & Harrison, D. W. (2002, October). *Quantitative electroencephalographic assessment of an individual with comorbid depression and panic attacks*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Miami, FL.

Foster, P. S., & Harrison, D. W. (2002, October). *Blazing trails with the right hemisphere: A homologous version of Trail Making Parts A and B*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Miami, FL.

Foster, P. S., Williamson, J. B., & Harrison, D. W. (2002, October). *The Design Learning Test: Assessment of learning using the right hemisphere*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Miami, FL.

Williamson, J. B., Harrison, D. W., & Foster, P. S. (2002, October). *Emotion and arousal: A functional cerebral systems analysis*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Foster, P. S., & Harrison, D. W. (2002, October). *Now I'm really angry, just look at my brain!* Poster session presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Foster, P. S., & Harrison, D. W. (2002, October). *Resting magnitude of cerebral asymmetry: Baseline cardiovascular correlates*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Foster, P. S., & Harrison, D. W. (2002, October). *Changes in magnitude of cerebral activation: Covariation with cardiovascular responding*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Foster, P. S., Beck, A., & Harrison, D. W. (2002, October). *Intensity and age effects of angry memories on cardiovascular responding*. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Washington, DC.

Foster, P. S. & Harrison, D. W. (2002, April). *Now I'm really angry, just look at my brain!* Poster session presented at the 18<sup>th</sup> Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.

Foster, P. S., & Harrison, D. W. (2001, November). *The neurophysiology of pessimism.* Poster session presented at the annual meeting of the National Academy of Neuropsychology, San Francisco, CA.

Foster, P. S., & Harrison, D. W. (2001, November). *Quantitative electroencephalographic outcome assessment of expressive dysphasia and dysprosodia.* Poster session presented at the annual meeting of the National Academy of Neuropsychology, San Francisco, CA.

Christie, I. C., Williamson, J. B., Foster, P. S., & Park, A. (2001, October). *Autonomic responses to laterally presented rhythm and melody.* Poster session presented at the annual meeting of the Society for Psychophysiological Research, Montreal, Canada.

Foster, P. S. (2001, April). *Emotional memories: The relationship between age of memory and the corresponding psychophysiological responses.* Paper presented at the Spring Convention of the Virginia Psychological Association Convention, Roanoke, VA.

Foster, P. S. (2001, April). *The relationship between the subjective intensity of emotional memories and cardiovascular responding.* Poster session presented at the annual meeting of the Eastern Psychological Association, Washington, D.C.

Foster, P. S., & Harrison, D. W. (2001, March). *The relationship between magnitude of cortical activation and cardiovascular responding.* Poster session presented at the 17<sup>th</sup> Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.

Higgins, D., Williamson, J. B., Beck, A., Foster, P. S., & Harrison, D. W. (2001, March). *Frontal lobe deterioration: Sex differences in aging effects.* Poster session presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Foster, P. S., & Harrison, D. W. (2001, March). *The relationship between magnitude of cortical activation and cardiovascular responding.* Poster session presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.

Williamson, J. B., Shenal, B. V., Rhodes, R. D., Foster, P. S., & Harrison, D. W. (2000, November). *Quantitative EEG assessment of an adolescent with expressive aprosodia.* Poster session presented at the annual meeting of the National Academy of Neuropsychology, Orlando, FL.

Foster, P. S., Williamson, J. B., & Harrison, D. W. (2000, November). *Quantitative Electroencephalogram of an individual diagnosed with nonfluent dysphasia*. Poster session presented at the annual meeting of the National Academy of Neuropsychology, Orlando, FL.

Williamson, J. B., Foster, P., & Harrison, D. (2000, March). *Differential effects of hostility level on nonverbal and verbal fluency*. Poster session presented at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.

Foster, P. S., Webster, D. G., & Williamson, J. B. (1999, March). *The psychophysiological differentiation of actual, imagined, and recollected mirth*. Poster session presented at the annual meeting of the Southeastern Psychological Association, Savannah, GA.

Foster, P. S., Smith, E. W. L., & Webster, D. G. (1998, March). *The psychophysiological differentiation of actual, imagined, and recollected anger*. Paper presented at the annual meeting of the Southeastern Psychological Association, Mobile, AL.

Foster, P. S., Webster, D. G., & Smith, E. W. L. (1997, April). *The psychophysiological differentiation of emotional memories*. Poster session presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.

## AWARDS

Research project entitled *Now I'm Really Angry, Just Look at My Brain!* was the first place winner in the Social Sciences and Humanities Category of the 18<sup>th</sup> Annual Research Symposium of Virginia Tech in 2002.

Research project entitled *The Relationship Between Magnitude of Cortical Activation and Cardiovascular Responding* was the third place winner in the Social Sciences and Humanities Category of the 17<sup>th</sup> Annual Research Symposium of Virginia Tech in 2001.

Research project entitled *The Psychophysiological Differentiation of Actual, Imagined, and Recollected Anger* was a winner of the 1998 Southeastern Psychological Association's Special Topics Research Competition for graduate students.

## HONORS

President's List: 08/24/92; 12/12/92; 03/19/93; 06/11/93; 12/14/93; 03/23/94; 06/18/94  
Dean's List: 03/16/92; 06/08/92

*Revised 09/01/07*