

November 2, 2009

## VITA

David W. Harrison

**PERSONAL INFORMATION**

Business Address: Department of Psychology  
Virginia Polytechnic Institute & State University  
Blacksburg, Virginia 24061-0436

Business Phone: (540) 231-4422

E-Mail Address: dwh@vt.edu

**EDUCATION**

B.S. University of New Mexico, 1978 *Granted With Highest Distinction*

M.S. University of Georgia, 1980

Ph.D. University of Georgia, 1983

Postdoctoral Fellow - University of Georgia, 9/82 - 9/85

Postdoctoral Resident - Veterans Administration Medical Center, Gainesville, Florida

**EMPLOYMENT**

1991-pres.: Associate Professor  
Director, The Behavioral Neuroscience Laboratory  
Virginia Polytechnic Institute & State University, Blacksburg, Virginia

1985-1990: Assistant Professor  
Director, The Behavioral Neuroscience Laboratory  
Virginia Polytechnic Institute & State University, Blacksburg, Virginia

1984-1985: Postdoctoral Resident, Clinical Neuropsychology and Geriatrics  
The Veterans Administration Medical Center, Gainesville, Florida

1982-1985: Postdoctoral Fellowship, The University of Georgia, Athens, Georgia

1982-1984: Instructor, Department of Psychology, The University of Georgia, Athens, Georgia

1978: State Employment Counselor, State of New Mexico, Clovis, New Mexico

## HONORS AND AWARDS

Students' Choice for "**Favorite Professor Award**" (2009)

Sponsored by the Office of Residence Life at Virginia Tech

**Rate VT Teachers "10 Best Rated Professors"**. "An independent rating service with over 8000 user-submitted evaluations of over 2000 teachers."

Students' Choice for "**Favorite Professor Award**" (2008)

Sponsored by the Office of Residence Life at Virginia Tech

**Scholar of the Week Award** (2008)

Office of the Vice President for Research at Virginia Tech

The Alumni Students' Choice for "**Favorite Professor Award**" (2006)

Sponsored by the Student Alumni Association at Virginia Tech

**Sporn Teaching Award Finalist** (1987; 2000; 2001; 2003; 2004; 2005)

Charter Member Emeritus, American Psychological Science (2008 – present)

University of Georgia, **Faculty Teaching Award** (1985)

Fellow, The National Academy of Neuropsychology (1999 - present)

Fellow, The American College of Forensic Examiners (1997 - present)

The Honor Society of Phi Kappa Phi (1998 - present)

Who's Who Among Service Providers (1989)

Who's Who in the South and Southwest (1990)

Sigma Xi, The Scientific Research Society, University of Georgia and Virginia Tech Chapters

## PROFESSIONAL ACTIVITIES

### Board Certifications

Diplomate, American Board of Disability Analysts (ABDA)

Board Certified Senior Disability Analyst, 2000-present.

Diplomate in Neuropsychology, American Board of Psychological Specialties (ABPS)

Board Certified Neuropsychologist, 1998-present.

### Forensic Medical Review

Qualified Expert Witness:

Roanoke, Pulaski, Allegheny and Rockbridge Counties; Cities of Lexington, Roanoke, Salem, Richmond, Christiansburg, Pulaski, Blacksburg, and Bluefield, WV

Medical Ethics Review Committee, VAMC, Gainesville, FL, 1984-85

**Memberships**

Association for Psychological Science, Charter Member Emeritus

American Psychological Association

Fellow, The National Academy of Neuropsychology

Southeastern Psychological Association

Virginia Psychological Association

Fellow, American College of Forensic Examiners

**PROFESSIONAL SERVICE****Consulting Reviewer:**

National Institute of Health: BSTART Grant Review Committee (2005-2006)

APA Division 20 Handbook on Graduate Programs in Adult  
Development and Aging (1993-1994)

Alzheimer's and Related Diseases Research Award Fund:  
Commonwealth of Virginia (1993-present)

National Institute of Health: Biomedical Research Subgrant Committee  
Virginia Polytechnic Institute & State University (1985-1992)

**Ad Hoc Journal Reviewer:**

Neuropsychologica

Journal of the International Neuropsychological Society

Neuropsychology

International Journal of Psychophysiology

Journal of Nonverbal Behavior

Neuropsychology Review

Biological Psychiatry

American Psychological Society

Clinical Psychology Review

Psychological Assessment

Psychological Reports

Psychiatry Research

Perceptual and Motor Skills

Cognitive Neuropsychiatry

Cognitive and Behavioral Neurology

### **Professional License and Certification**

Licensed Clinical Psychologist (#0107 001479), Virginia Board of Psychology, 1987-present.

Licensed Rehabilitation Provider, Virginia State Board of Professional Counselors,  
Department of Health Professions, 1995-2001.

### **Consulting, Extension Services, and Hospital Privileges**

Business Associate, Columbia Lewis-Gale Medical Center,  
Salem, Virginia, 1990-present.

Consulting Neuropsychologist, City of Salem Public School System,  
Salem, Virginia 2006-present.

Consulting Neuropsychologist, County of Roanoke, Roanoke, Virginia 2007-present.

Consulting Neuropsychologist, Veterans Administration Medical Center,  
Salem, Virginia, 1987-present.

Director, Neuropsychological & Counseling Services, Lewis Gale Medical Center  
Rehabilitation, Salem, Virginia, 1995-present.

Consulting Neuropsychologist, Virginia Neuropsychology Associates, Inc.,  
Lynchburg, Virginia, 1999-present.

Senior Consultant, Cognicheck.com. CogniCheck Memory Screenings:  
An In-Home Computer-based Screening of Short-term Human Memory  
Lynchburg, Virginia 2003-present.

Consulting Neuropsychologist, Virginia Tech Adult Day Care Center, 1993-2001.

Consulting Neuropsychologist, Hollins Head Injury Program, Roanoke, Virginia, 1992-2001.

Consultant, American Research Corporation of Virginia, Radford, Virginia, 1992-2000.

Consulting Neuropsychologist, Psychological & Counseling Services,  
Salem, VA, 1990-1995.

Biomedical Engineering Consultant, Nissei Corporation (NEC),  
Tokyo, Japan, 1987-1990.

Home Health Care Consultant, North American Philips Corporation,  
Stamford, Connecticut & Essex, Connecticut, 1984-1988.

Biomedical Engineering Consultant, Management Investment Technologies (MIT),  
Elgin, IL, 1986.

## GRANTS AND CONTRACTS

- 1986: Home health care: An evaluation of currently available oscillometric and Korotkoff digital blood pressure/pulse meters, (equipment grant in aid of research). North American Philips Corporation. \$3,500.00. Principal Investigator.
- 1986-1987: Home health care: An evaluation of currently available oscillometric and Korotkoff digital blood pressure/pulse meters. North American Philips Corporation. \$22,919.00. Principal Investigator.
- 1986-1987: Home health care: An evaluation of currently available oscillometric and Korotkoff digital blood pressure/pulse meters, (extension). North American Philips Corporation. \$3,975.00. Principal Investigator.
- 1986-1988: Home health care: Human factors and design of self-monitoring health instrumentation. North American Philips Corporation. \$4,325.00. Principal Investigator.
- 1986-1988: Current status of home-monitoring in cardiovascular risk assessment. North American Philips Corporation. \$1,860.00. Principal Investigator.
- 1987-1990: AAMI/ANSI standards applications to home blood pressure monitors. Nissei Electronics, Japan. \$5,603.00. Principal Investigator.
- 1988-1990: Modification of excessive motor behavior in the geriatric patient. Biomedical Research Support Grant (NIH), Virginia Polytechnic Institute and State University. \$4,625.00. Principal Investigator.
- 1989-1990: Anger and denial as predictors of cardiovascular reactivity in professional and clerical women. The Women's Research Institute, Virginia Polytechnic Institute and State University. \$2,500.00. Co-Principal Investigator.
- 1989-1990: Hemispheric processing of affect in elderly women. The Women's Research Institute, Virginia Polytechnic Institute and State University. \$1,300.00. Co-Principal Investigator.
- 1989-1990: Modification of excessive motor behaviors in the geriatric patient. Eastern Research and Development Office, Veterans Administration Medical Center. \$2,500.00. Co-Principal Investigator.
- 1990: The Fifth International Congress of Psychophysiology, Budapest, Hungary. Supplemental Grant awarded for presentation of research findings. Virginia Polytechnic Institute and State University. \$1,400.00. Principal Investigator.

- 1991-1992: Hemispheric reactivity to bright light exposure in depressed, elderly, and normal subjects. Biomedical Research Support Grant (NIH), Virginia Polytechnic Institute and State University. \$2,500.00. Principal Investigator.
- 2000-2001: Memory screening outreach program. Funded by U. S. Pharmaceuticals Group, Pfizer, Incorporated and Eisai, Incorporated to Virginia Neuropsychology Associates. \$149,995.00. Co-Principal Investigator.
- 2002-2003: A double-blind, placebo-controlled, randomized trial of the efficacy of cranberry juice in a sample of cognitively intact older adults: neuropsychological findings. Funded by the Cranberry Institute. \$39,500.00. Principal Investigator.
- 2006-2008: A double-blind, placebo-controlled, randomized trial of the efficacy of dark chocolate on variables associated with neuropsychological functioning and cardiovascular health: Clinical findings from a sample of cognitively intact older adults. Funded by the Hershey Company, Hershey Pennsylvania. \$197,033.00. Principal Investigator.
- 2009-2010: Falling risks in the elderly: A functional cerebral systems approach to vestibular function. Funded by the VTCRI Seed Grant. \$28,236.00. Principal Investigator.
- 2009-2010: Risk of falls in the elderly: A neuropsychological approach to vestibular functions. Submitted to the National Academy of Neuropsychology (NAN) Clinical Research Grant Application 2009. \$15,000.00. Principal Investigator with Joseph E. Carmona, M.S.

## **PRO BONO GRANTS**

- 2008-2009: US Smokeless Tobacco Company's Operation Polaris Ranger Donation Program. Application submitted on behalf of the Campbell County Rescue Squad, Campbell County, Virginia. Polaris Ranger's estimated value: \$11,500.00 (starting price). Awarded by: U.S. Smokeless Tobacco Company. Co-principal Grant Author.

## CURRENT RESEARCH AND SCHOLARLY INTERESTS

Cognitive, affective, & behavioral neuroscience. Cardiovascular psychophysiology. Cortical, subcortical and autonomic correlates of cognition; emotion and aging. Functional cerebral systems approach to anger/hostility and cardiovascular regulation.

### Peer-Reviewed Journal Articles (published)

1. Harrison, D. W., & Pavlik, W. B. (1983). Effects of age, exposure, pre-exposure, and noise conditions on variable-interval performance. Behavioral and Neural Biology, *39*, 268-276.
2. Harrison, D. W. (1984). Behavioral assessment and rehabilitation of the traumatically brain damaged: A book review. Journal of Behavioral Assessment, *6*, 169-171.
3. Harrison, D. W., & Isaac, W. (1984). A variable-threshold variable-gain infrared photoplethysmograph. Journal of Behavioral Assessment, *6*, 155-158.
4. Harrison, D. W., & Isaac, W. (1984). Disruption and habituation of stable fixed-interval behavior in young and old monkeys (*Siamuri sciureus*). Physiology and Behavior, *32*, 341-344.
5. Harrison, D. W., Westbrook, R. D., & Pavlik, W. B. (1984). CER acquisition and extinction in younger and older rats. Bulletin of the Psychonomic Society, *22*, 217-220.
6. Harrison, D. W., & Pavlik, W. B. (1985). Age differences in retention of fixed-interval responding: Memory or habituation effects? Behavioral and Neural Biology, *44*, 339-346.
7. Harrison, D. W., Garrett, J., Henderson, D., & Adams, H. (1985). Visual and auditory feedback for head tilt and torsion in a spasmodic torticollis patient. Behavioral Research and Therapy, *23*, 87-88.
8. Harrison, D. W., & Kelly, P. L. (1987). Home health care: Accuracy, calibration, exhaust, and failure rate comparisons of digital blood pressure monitors. Medical Instrumentation, *21*, 323-328.
9. Harrison, D. W., Gavin, M. J., & Isaac, W. (1988). A portable biofeedback device for autonomic responses. Journal of Psychopathology and Behavior Assessment, *10*, 217-224.

10. Harrison, D. W., Gorelczenko, P. M., & Kelly, P. L. (1988). Home health care: An evaluation of the HC-3501 digital blood pressure/pulse meter. Journal of Ambulatory Monitoring, 1, 53-60.
11. Harrison, D. W., Gorelczenko, P. M., & Kelly, P. L. (1988). Human factors and design evaluation of digital blood pressure/pulse meters. Medical Instrumentation, 22, 226-229.
12. Harrison, D. W. & Edwards, M. C. (1988). Blood pressure reactivity and bias vary with age: A comparison of traditional versus automated methods. Medical Instrumentation, 22, 230-233.
13. Harrison, D. W. & Kelly, P. L. (1989). Age differences in cardiovascular and cognitive performance under noise conditions. Perceptual and Motor Skills, 69, 547-554.
14. Harrison, D. W., Kelly, P. L., Gavin, M. J., & Isaac, W. (1989). Extracranial and digital vascular events: An analysis of methods in BVP amplitude and biofeedback research. Biological Psychology, 29, 1-9.
15. Harrison, D. W., Zicafoose, B., Francis, J., & Lanter, J. (1989). Contextual therapy for chronic bruxism in patients with advanced dementia. Neuropsychiatry, Neuropsychology and Behavioral Neurology, 2, 183-188.
16. Garrett, J. C., Harrison, D. W., & Kelly, P. L. (1989). Pupillometric assessment of arousal to sexual stimuli: Novelty effects or sexual preference? Archives of Sexual Behavior, 18, 191-201.
17. Harrison, D. W. (1990). The vascular orienting response and the law of initial values. Biological Psychology, 31, 149-155.
18. Harrison, D. W. & Gorelczenko, P. M. (1990). Functional asymmetry for facial affect perception in high and low hostile men and women. The International Journal of Neuroscience, 55, 89-97.
19. Emerson, C. S. & Harrison, D. W. (1990). Anger and denial as predictors of cardiovascular reactivity in women. Journal of Psychopathology and Behavioral Assessment, 12(4), 271-283.
20. Harrison, D. W. & Pauly, R. S. (1990). Manual dexterity, strength, fatigue, and perseveration: An initial test of asymmetry in cerebral activation. Perceptual and Motor Skills, 70, 739-744.
21. Harrison, D. W. & Emerson, C. S. (1990). An evaluation of the Fortec blood pressure and pulse rate monitor Model MI-100. Journal of Ambulatory Monitoring, 3(1), 33-39.
22. Harrison, D. W., Gorelczenko, P. M., & Cook, J. (1990). Sex differences in the functional asymmetry for facial affect perception. The International Journal of Neuroscience, 52(1-2), 11-16.

23. Shapiro, D. M. & Harrison, D. W. (1990). Alternate forms of the AVLT: A procedure and test of form equivalency. Archives of Clinical Neuropsychology, 5, 405-410.
24. Crews, W. D. & Harrison, D. W. (1991). An evaluation of the DS-175, DS-145, and DS-115, digital blood pressure/ pulse meter devices. Biomedical Instrumentation and Technology, 25, 211-214.
25. Alden, J. D., Crews, W. D., & Harrison, D. W. (1991). Cerebral asymmetry in dementia: Effect of context on hemi-attention. Perceptual and Motor Skills, 72, 802.
26. Harrison, D. W. (1991). Concurrent verbal interference of right and left proximal and distal upper extremity tapping. Acta Psychologica, 76, 121-132.
27. Harrison, D. W., Alden, J. D., Lanter, J. J., & Zicafoose, B. F. (1991). Sensory modification of nonpropositional speech: Excessive emotional vocalization disorder with dementia. Neuropsychology, 4, 215-221.
28. Bunce, V. L. & Harrison, D. W. (1991). Child- or adult-directed speech and esteem: Effects on performance and arousal in elderly adults. International Journal of Aging and Human Development, 32(2), 125-134.
29. Kelly, P. L., Harrison, D. W., & Hodge, M. H. (1991). The category effect in visual selective attention. Bulletin of the Psychonomic Society, 29, 71-74.
30. Harrison, D. W. & Crews, W. D. (1992). The Takeda Model UA-751 blood pressure and pulse rate monitor. Biomedical Instrumentation and Technology, 26, 325-327.
31. Demakis, G. J., Harrison, D. W., & Campen, M. (1993). A test of Kinsbourne's selective activation model. The International Journal of Neuroscience, 72(3-4), 201-207.
32. Billings, L. S., Harrison, D. W., & Alden, J. D. (1993). Age differences among women in the functional asymmetry for bias in facial affect perception. Bulletin of the Psychonomic Society, 31, 317-320.
33. Alden, J. D. & Harrison, D. W. (1993). An initial investigation of bright light and depression: A neuropsychological perspective. Bulletin of the Psychonomic Society, 31(6), 621-623.
34. Crews, W. D. & Harrison, D. W. (1994). Cerebral asymmetry in the facial affect perception of women: Neuropsychological effects of depressed mood. Perceptual and Motor Skills, 79, 1667-1679.
35. McDowell, C. L., Harrison, D. W., & Demaree, H. A. (1994). Is right hemisphere decline in the perception of emotion a function of aging? International Journal of Neuroscience, 79, 1-11.
36. Demakis, G. J., & Harrison, D. W. (1994). Subvocal rehearsal of neutral and affective words interferes with left-hemisphere performance and facilitates right-hemisphere performance. Psychobiology, 22, 238-243.

37. Crews, W. D., & Harrison, D. W. (1994). Sex differences and cerebral asymmetry in facial affect perception as a function of depressed mood. Psychobiology, 22, 112-116.
38. Crews, W. D., & Harrison, D. W. (1994). Functional asymmetry in the motor performances of women: Neuropsychological effects of depression. Perceptual and Motor Skills, 78, 1315-1322.
39. Demakis, G. J., Herridge, M. L., & Harrison, D. W. (1994). Pathological display of positive affect: A bilateral electrodermal case study. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 7(3), 154-159.
40. Kelly, P. L., & Harrison, D. W. (1994). Home blood pressure monitoring: A survey of potential users. Biomedical Instrumentation and Technology, 28, 32-36.
41. Gilley, D. W., Wilson, R. S., Fleischman, D. A., Harrison, D. W., Goetz, C. G., & Tanner, C. M. (1995). Impact of Alzheimer's-type dementia and information source on the assessment of depression. Psychological Assessment, 7, 42-48.
42. Demaree, H. A., Crews, W. D., & Harrison, D. W. (1995). Topographical brain mapping in depression following mild closed head injury: A case study. Journal of Neurotherapy, 1, 38-43.
43. Crawford, H. J., Kapelis, L., & Harrison, D. W. (1995). Visual field asymmetry in facial affect perception: Moderating effects of hypnosis, hypnotic susceptibility level, absorption, and sustained attentional abilities. International Journal of Neuroscience, 82, 11-23.
44. Crews, W. D., Harrison, D. W., Rhodes, R. D., & Demaree, H. A. (1995). Hand fatigue asymmetry in the motor performances of women with depressed mood. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 8, 277-281.
45. Crews, W. D. & Harrison, D. W. (1995). The neuropsychology of depression and its implications for cognitive therapy. Neuropsychology Review, 5(2), 81-123.
46. Everhart, D. E., & Harrison, D. W. (1995). Hostility following right CVA: Support for right orbital frontal deactivation and right temporal activation. Journal of Neurotherapy, 1(2), 55-59.
47. Shapiro, D. M., Harrison, D. W., Crews, W. D., & Everhart, D. E. (1996). Age differences in hemispheric activation to sensory condition. International Journal of Neuroscience, 87, 249-256.
48. Demaree, H. A., & Harrison, D. W. (1996). Case Study: Topographical brain mapping in hostility following mild closed-head injury. The International Journal of Neuroscience, 87, 97-101.

49. Snyder, K. A., Harrison, D. W., & Gorman, W. J. (1996). Auditory affect perception in a dichotic listening paradigm as a function of verbal fluency classification. The International Journal of Neuroscience, *84*, 65-74.
50. Everhart, D. E., Harrison, D. W., & Crews, W. D. (1996). Hemispheric asymmetry as a function of handedness: Perception of facial affective stimuli. Perceptual and Motor Skills, *82*, 264-266.
51. Harrison, D. W., Demaree, H. A., Shenal, B. V., & Everhart, D. E. (1997). QEEG-assisted neuropsychological evaluation of autism. The International Journal of Neuroscience, *93*, 133-140.
52. Alden, J. D., Harrison, D. W., Snyder, K. A., & Everhart, D. E. (1997). Age differences in intention to left and right hemispaces using a dichotic listening paradigm. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, *10*, 239-242.
53. Demaree, H. A., & Harrison, D. W. (1997). Physiological and neuropsychological correlates of hostility. Neuropsychologia, *35*, 1405-1411.
54. Demaree, H. A., & Harrison, D. W. (1997). A neuropsychological model relating self awareness to hostility. Neuropsychology Review, *7*, 171-185.
55. Demakis, G. J., & Harrison, D. W. (1997). Relationships between verbal and nonverbal fluency measures: Implications for assessment of executive functioning. Psychological Reports, *81*, 443-448.
56. Snyder, K. A., & Harrison, D. W. (1997). The Affective Auditory Verbal Learning Test. Archives of Clinical Neuropsychology, *12*, 477-482.
57. Herridge, M. L., & Harrison, D. W., & Demaree, H. A. (1997). Hostility, facial configuration, and bilateral asymmetry on galvanic skin response. Psychobiology, *25*, 71-76.
58. Snyder, K. A., Harrison, D. W., & Shenal, B. (1998). The Affective Auditory Verbal Learning Test: Peripheral arousal correlates. Archives of Clinical Neuropsychology, *13*, 251-258.
59. Moore, T. M., Shenal, B. V., Rhodes, R. D., & Harrison, D. W. (1999). Forensic neuropsychological evaluations and quantitative electroencephalography (QEEG). The Forensic Examiner, March/April, 12-15.
60. Emerson, C. S., Harrison, D. W., & Everhart, D. E. (1999). Investigation of receptive affective prosodic ability in school-aged boys with and without depression. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, *12*, 102-109.

61. Crews, W. D., Harrison, D. W., & Rhodes, R. D. (1999). Neuropsychological test performances of young depressed outpatient women: An examination of executive functions. Archives of Clinical Neuropsychology, 14, 517-529.
62. Everhart, D. E., & Harrison, D. W. (2000). Facial affect perception in anxious and non-anxious men without depression. Psychobiology, 28, 90-98.
63. Demaree, H. A., Harrison, D. W., & Rhodes, R. D. (2000). Quantitative electroencephalographic analyses of cardiovascular regulation in low- and high-hostile men. Psychobiology, 28, 420-431.
64. Shenal, B. V., Rhodes, R. D., Moore, T. M., Higgins, D. A., & Harrison, D. W. (2001). Quantitative electroencephalography (QEEG) and neuropsychological syndrome analysis. Neuropsychology Review, 11, 31-44.
65. Emerson, C. S., Harrison, D. W., & Everhart, D. E. (2001). Grip strength asymmetry in depressed boys. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 14, 130-134.
66. Everhart, D. E., Demaree, H. A., Harrison, D. W., & Williamson, J. B. (2001). "Delusions" of space: A case study utilizing topographical brain mapping and QEEG. Journal of Neurotherapy, 4, 19-29.
67. Harrison, D. W., Demaree, H. A., Higgins, D. A., & Williamson, J. B. (2002). Asymmetry in hand grip strength and fatigue in low- and high-hostile men. International Journal of Neuroscience, 112(4), 415-428.
68. Rhodes, R. D., Harrison, D. W., & Demaree, H. A. (2002). Hostility as a moderator of physiological reactivity and recovery to stress. International Journal of Neuroscience, 112, 167-186.
69. Everhart, D. E., Harrison, D. W., Shenal, B. V., & Williamson, J. B., Wuensch, K. L. (2002). Grip strength, fatigue, and motor perseveration in anxious men without depression. Neuropsychiatry, Neuropsychology, and Behavioral Neurology, 15(2), 133-142.
70. 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.
71. Everhart, D. E., & Harrison, D. W. (2002). Heart rate and fluency performance among high- and low-anxious men following autonomic stress. International Journal of Neuroscience, 112(10), 1149-1171.

72. Shenal, B. V., Harrison, D. W., & Demaree, H. W. (2003). The neuropsychology of depression: A critical review and comprehensive model. Neuropsychology Review, 13(1), 33-42.
73. Harrison, D. W., Walters, R. D., Vendemia, J., & Beck, A. (2003). Ambient sensory conditions: Modification of receptive speech deficits in left-side stroke patients using bright light. Perceptual & Motor Skills, 96, 623-624.
74. Williamson, J. B. & Harrison, D. W. (2003). Functional cerebral asymmetry in hostility: A dual task approach with fluency and cardiovascular regulation. Brain and Cognition, 52, 167-174.
75. Williamson, J. B., Harrison, D. W. Shenal, B. V., Rhodes, R., Demaree, H. A. (2003). Quantitative EEG diagnostic confirmation of expressive aprosodia. Applied Neuropsychology, 10(3), 176-181.
76. Shenal, B. V., & Harrison, D. W. (2003). An investigation of the laterality of hostility, cardiovascular regulation, and auditory recognition. International Journal of Neuroscience, 113, 205-222.
77. Everhart, D. E., Harrison, D. W., & Wuensch, K. L. (2003). Healthy high hostiles evidence low alpha power changes during negative affective learning. Brain and Cognition, 52, 334-342.
78. Foster, P. S. & Harrison, D. W. (2004). The covariation of cortical electrical activity and cardiovascular responding. International Journal of Psychophysiology, 52, 239-255.
79. Herridge, M. L., Harrison, D. W., Mollet, G. A., & Shenal, B. V. (2004). Hostility and facial affect recognition: Effects of a cold pressor stressor on accuracy and cardiovascular reactivity. Brain and Cognition, 55, 564-571.
80. Foster, P. S., & Harrison, D. W. (2004). Cerebral correlates of varying ages of emotional memories. Cognitive and Behavioral Neurology, 17(2), 85-92.
81. Shenal, B. V., & Harrison, D. W. (2004). Dynamic lateralization: Hostility, cardiovascular regulation, and tachistoscopic regulation. International Journal of Neuroscience, 114, 335-348.
82. Foster, P. S., & Harrison, D. W. (2004). Cerebral correlates of varying ages of emotional memories. Cognitive and Behavioral Neurology, 17, 85-92.
83. Foster, P. S., & 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(4), 427-434.

84. Demaree, H. A., Everhart, D. E., Youngstrom, E. A., & Harrison, D. W. (2005). Brain lateralization of emotional processing: Historical roots and a future incorporating “dominance”. Behavioral and Cognitive Neuroscience Reviews, *4*(1), 3-20.
85. Crews, W. D., Harrison, D. W., Griffin, M. L., Addison, K., Yount, A. M., Giovenco, M. A., Hazell, J. (2005). A double-blind, placebo-controlled, randomized trial of the efficacy of cranberry juice in a sample of cognitively intact older adults: Neuropsychological findings. The Journal of Alternative and Complementary Medicine, *11*(2), 305-309.
86. Emerson, C. S., Mollet, G. A., & Harrison, D. W. (2005). Anxious-depression in childhood: An evaluation of executive functions. Archives of Clinical Neuropsychology, *20*(4), 539-546.
87. Crews, W. D., & Harrison, D. W., Griffin, M. L., Falwell, K. D., Crist, T., Longest, L., & Hehemann, L. (2005). The neuropsychological efficacy of Ginkgo biloba in healthy and cognitively intact adults: A comprehensive review. Herbal Gram, *67*, 42-63.
88. Walters, R. P., Harrison, D. W., Williamson, J. B., & Foster, P. S. (2006). Lateralized visual hallucinations: An analysis of affective valence. Applied Neuropsychology, *13*, 160-165.
89. Foster, P. S., & Harrison, D. W. (2006). Magnitude of cerebral asymmetry at rest: Covariation with baseline cardiovascular activity. Brain and Cognition, *61*, 286-297.
90. Mollet, G. A., & Harrison, D. W. (2006). Emotion and Pain: A Functional Cerebral Systems Integration. Neuropsychology Review, *16*(3), 99 – 122.
91. Mollet, G. A., Harrison, D. W., Walters, R. P., & Foster, P. S. (2007). Thalamic syndrome: Asymmetry in the emotional content of lateralized multi-modal hallucinations. Cognitive Neuropsychiatry, *12*(5), 422 - 436
92. Mollet, G. A., & Harrison, D. W. (2007). Affective Verbal Learning in Hostility: An increased primacy effect and bias for negative emotional material. Archives of Clinical Neuropsychology, *22*(1), 53 - 62.
93. Mollet, G. A., & Harrison, D. W. (2007). Effects of Hostility and Stress on Affective Verbal Learning in Women. International Journal of Neuroscience, *117*(1), 63 – 83.
94. Crews, W. D., Harrison, D. W., Wright, James D. (2008). A double-blind, placebo-controlled, randomized trial of the efficacy of dark chocolate and cocoa on variables associated with neuropsychological functioning and cardiovascular health: Clinical findings from a sample of healthy, cognitively intact older adults. American Journal of Clinical Nutrition, *87*, 872 – 880.

95. Cox, D., & Harrison, D. W. (2008). A functional cerebral systems model of anger: Contributions from psychophysiology, neuropsychology, and the cognitive behavioral perspective. Brain Structure and Function, *212*(5), 371 – 385.
96. Foster, P. S., & Harrison, D. W., Crucian, G. P., Rhodes, R. D., Drago, V., & Heilman, K. M. (2008). Emotional influences on spatial attention. Neuropsychology, *22*(1), 127 – 135.
97. Foster, P. S., Harrison, D. W., Crucian, G. P., Drago, V., Rhodes, R. D., & Heilman, K. M. (2008). Reduced verbal learning associated with posterior temporal lobe slow wave activity. Developmental Neuropsychology, *33*, 25 – 43.
98. Everhart, D. E., Demaree, H. A., & Harrison, D. W. (2008). The influence of hostility on electroencephalographic activity and memory functioning during an affective memory task. Clinical Neurophysiology, *119*, 134 – 143.
99. Carmona, J. E., Holland, A. K., Stratton, H. J., & Harrison, D. W. (2008). Sympathetic arousal to a vestibular stressor in high and low hostile men. Brain and Cognition, *66*, 150 – 155.
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121. Holland, A. K., Carmona, J. E., Harrison, D. W., Hunter, B. T., Leak, L., Nunnery, C., & Polenski, T. (2009). Evidence for sex differences in cerebral laterality: Examining Changes in systolic blood pressure regulation and time estimation before and after exposure to a cognitive stressor. Psychophysiology.
122. Holland, A. K., Carmona, J. E., Harrison, D. W., Hunt, S., Riner, B., & Latham, K. (2009). Extending the functional cerebral systems approach to time estimation: Examining age-related changes in right hemisphere regulation of an internal clock. Archives of Clinical Neuropsychology, 24, 441.
123. Carmona, J. E., Holland, A. K., Comer, C., & Harrison, D. W. (2009). Age-related Differences in systolic blood pressure regulation and design fluency performance as a function of stress. Archives of Clinical Neuropsychology, 24, 441 – 442..

**Abstracts (Refereed in press) (one-page publications)**

## Published Technical Reports

- Harrison, D. W. (July, 1986). Home health care: An evaluation of currently available oscillometric and Korotkoff digital blood pressure/pulse meters: A market-wide comparison and clinical testing of accuracy. North American Philips Corporation, (pp. 1-212).
- Harrison, D. W. (June, 1986). The Norelco series of oscillometric blood pressure devices: Hospital testing of accuracy using geriatric inpatients. North American Philips Corporation, (pp. 1-60).
- Harrison, D. W. (October, 1986). Preliminary evaluation of Takeda and Fortec blood pressure/pulse rate technology: Model UA-751, UA-731, and UA-711. North American Philips Corporation, (pp. 1-12).
- Harrison, D. W. (October, 1986). Evaluation and comparison of pulse rate monitors for home use. North American Philips Corporation, (pp. 1-11).
- Harrison, D. W. (August, 1987). Preliminary evaluation of the HC-2901 with Foxboro versus silicon diaphragm transducer: Accuracy and human factors. North American Philips Corporation, (pp. 1-73).
- Harrison, D. W. (1988). The HC-2901 Technology: Evaluation of Nissei Digital Blood Pressure-Pulse Rate Monitors. Nissei Electronics Corporation, Tokyo, Japan, (pp. 1-146).
- Crews, W. D., Harrison, D. W., Griffin, M. L., Addison, K., Yount, A., Giovenco, M. A., & Hazell, J. (2003). A double-blind, placebo-controlled, randomized trial of the efficacy of cranberry juice in a sample of cognitively intact older adults: Neuropsychological findings. The Cranberry Institute, East Wareham, Massachusetts, (pp. 1-59).
- Crews, W. D., Harrison, D. W., & Wright, J.W. (2007). A double-blind, placebo-controlled, randomized trial of the efficacy of dark chocolate and cocoa on variables associated with neuropsychological functioning and cardiovascular health: Clinical findings from a sample of healthy, cognitively intact older adults.

## PRESENTATIONS AND PAPERS

### Invited Lectures and Colloquium Presentations

1. Harrison, D. W. (1982). Aging: Demographic, environmental, and retirement considerations. Colloquium presented at the University of South Carolina/Coastal, Conway, SC.
2. Harrison, D. W. (1985). Stress and stress management after head injury. Colloquium presented to the Florida Chapter of the National Head Injury Foundation, Gainesville, FL.
3. Harrison, D. W. (1985). Behavioral medicine and geropsychology. Colloquium presented to the Psychology Department, Virginia Tech.
4. Harrison, D. W. (1986). Behavioral medicine and the geriatric patient. Colloquium presented for the Gerontology Forum Series at Virginia Polytechnic Institute & State University, Blacksburg, VA.
5. Harrison, D. W. (1986). Hospital testing of blood pressure apparatus. Colloquium presented for the Home Health Care Divisions, North American Philips Corporation (Norelco), Stamford, CT.
6. Harrison, D. W. (1988). Neuropsychological perspectives on emotion in the elderly. Colloquium presented to the Veterans Administration Medical Center, Salem, VA.
7. Crowe, H., Alden, J. D., & Gillespie, B. (1989). Chronic pain management through imagery and relaxation. Invited workshop for residents of Warm Hearth Village, Blacksburg, VA.
8. Harrison, D. W. (1990). Sex differences in emotional appraisal and coping: A neuropsychological model of anger and depression. Colloquium presented to the Veterans Administration Medical Center, Salem, VA.
9. Harrison, D. W. (1990). Emotional stability and lability in the cognitive rehabilitation setting. Colloquium presented to the Lewis-Gale Hospital, Roanoke, VA.
10. Harrison, D. W. (1990). Psychophysiology of laterality, motivations, and emotions. Chair, thematic session of the Fifth International Congress of Psychophysiology, Budapest, Hungary.
11. Harrison, D. W. (1990). Sex differences in facial affect perception. The Fifth International Congress of Psychophysiology, Budapest, Hungary.
12. Harrison, D. W., Lanter, J. J., & Zicafoose, B. (1990). Bright light differentially alters affective and propositional speech in Alzheimer's dementia. The Fifth International Congress of Psychophysiology, Budapest, Hungary.

13. Harrison, D. W. (1991). Brain and behavior relationships in epilepsy. Lecture presented to the Epilepsy Support Group, Blacksburg, VA.
14. Harrison, D. W. (1991). Sex differences in emotional cerebral asymmetry. Colloquium presented to the Lewis-Gale Hospital, Roanoke, VA.
15. Crawford, H. J., Kapelis, L., & Harrison, D. W. (1992). Facial affect perception asymmetry: Waking and hypnosis performance in high and low hypnotizables. The Sixth International Congress of Psychophysiology, (ICP) Berlin, Germany.
16. Harrison, D. W. (1992). Sex differences and the neuropsychology of emotion. Colloquium presented to the Psychology Department, Central Virginia Training Center, Lynchburg, VA.
17. Harrison, D. W. (1992). Rehabilitation of the dementia patient. Grand rounds colloquium presented to the Lewis Gale Hospital, Roanoke, VA.
18. Harrison, D. W. (1992). Rehabilitation of brain trauma patients. Training lecture series presented to the Lewis-Gale Hospital staff, Roanoke, VA.
19. Harrison, D. W. (1992). The neuropsychology of emotion. Colloquium presented to the Psychiatry Center, Lewis-Gale Hospital, Roanoke, VA.
20. Harrison, D. W. (1992). Dyslexia: A priori tests of the fluency model in neuropsychology. Colloquium presented to the Veterans Administration Medical Center, Salem, VA.
21. Harrison, D. W. (1992). The fluency construct in childhood reading disabilities: An analysis of group differences. Colloquium presented to the University of Virginia Health Sciences Center, Charlottesville, VA.
22. Crawford, H. J., Kapelis, L., & Harrison, D. W. (1992). Facial affect perception asymmetry: Waking and hypnosis performance in high and low hypnotizables. The Sixth International Congress of Psychophysiology, (ICP) Berlin, Germany.
23. Harrison, D. W. (1993). Brain behavior correlates in closed head injury. Presented to the Lewis Gale Hospital Rehabilitation Unit, December.
24. Harrison, D. W. (1993). Rehabilitation using QEEG and topographical brain mapping technologies. Presented to the Cognitive Rehabilitation Team, Lewis Gale Hospital, Roanoke, VA.
25. Harrison, D. W. (1993). Brain and emotion. Lecture presented to the Virginia Tech College of Arts and Sciences, Chalk Talks, Blacksburg, VA.
25. Harrison, D. W. (1993). The neuropsychological evaluation of disability. Presented to the Southwestern Virginia Rehabilitation Case Managers Meeting, Roanoke, VA.

26. Harrison, D. W. (1993). Managing wandering, combativeness, and other behavioral problems. Colloquium presented for the Gerontology Caregivers Forum Series at Virginia Polytechnic Institute and State University, Blacksburg, VA.
27. Harrison, D. W. (1994). Social work with the closed head-injured patient and their family. Presented to the National Association of Social Workers, Roanoke Chapter, Roanoke, VA.
28. Harrison, D. W. (1994). The role of the neuropsychologist in mental health services. Presented to the New River Valley Community Mental Health Services, Radford, VA.
29. Harrison, D. W. (1995). Neuropsychological assessment. Presented to the Veterans Administration Medical Center, Salem, VA.
30. Harrison, D. W. (1996). Syndrome analysis techniques in neuropsychological assessment. Presented to the Veterans Administration Medical Center, Salem, VA.
31. Harrison, D. W. (1997). Cerebral mediation of emotion: Hostility and the autonomic nervous system. Colloquium presented to the Psychology Department, Virginia Polytechnic Institute & State University, Blacksburg.
32. Harrison, D. W. (1997-2007). Brief methods in neuropsychological assessment. Annual Presentation to the Veterans Administration Medical Center, Salem, VA.
33. Crews, W.D., Harrison, D.W., Wright, J. W., Carmona, J., & Miller, G. (2007). The efficacy of dark chocolate and cocoa on neuropsychological functioning and cardiovascular health. The Deans' Forum on Health, Food, and Nutrition Virginia Polytechnic Institute, Blacksburg, VA.
34. Harrison, D. W. (2008). How the Brain Works: The Hostile, Violent-Prone. Colloquium presented to the Psychology Department, Hollins University, Hollins, VA.
35. Carmona, J. E., Harrison, D. W., Trinkle, D. B., Oladosu, F. A., Comer, C. S., Golden, L. L., & Klineburger, P. C. (2009). Risk of falls in the elderly: A neuropsychological approach to vestibular function. The NCTC Demo Day & Technology Exposition, Roanoke, VA.

### **International Meetings**

1. Gilley, D. W., Wilson, R. S., Harrison, D. W., Grosse, D. A., Goetz, C. G., & Tanner, C. M. (1991). Two approaches to the measurement of depression in dementia. The 19th Annual Meeting of the International Neuropsychological Society, San Antonio, TX.
2. Huntzinger, R. & Harrison, D. W. (1992). Investigation of fluent and nonfluent dyslexias. The Annual Meeting of the International Neuropsychological Society.
3. Demaree, H. A., & Harrison, D. W. (1996). Physiological and neuropsychological correlates of hostility. Annual meeting of the International Neuropsychological Society (INS), Chicago, Illinois.
4. Everhart, E., & Harrison, D. W. (1996). Hostility following right CVA: Support for right orbital frontal deactivation and right temporal activation. Annual meeting of the International Neuropsychological Society, Chicago, IL.
5. Higgins, D., Everhart, D., & Harrison, D. W. (2000). QEEG as an assessment tool for pseudoseizure diagnosis. Annual meeting of the International Neuropsychological Society (INS), Denver, CO.
6. Higgins, D. A., Demaree, H. A., Williamson, J., & Harrison, D. W. (2000). Hand grip strength and functional cerebral asymmetry differences in low- and high-hostile men. Annual meeting of the International Neuropsychological Society (INS), Denver, CO.
7. Shenal, B. V., & Harrison, D. W. (2001). Neuropsychological differences in the learning of positive and negative words. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
8. Rhodes, R. D., Shenal, B. V., & Harrison, D. W. (2001). Cerebral mediation of emotion: Hostility and the autonomic nervous system. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
9. Shenal, B. V., Rhodes, R. D., & Harrison, D. W. (2001). Affective auditory verbal learning and dichotic linguistic processing: Cardiovascular reactivity to stress among low- and high-hostiles. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
10. Rhodes, R. D., Shenal, B. V., & Harrison, D. W. (2001). Cardiovascular dynamics and cerebral asymmetry as a function of hostility and stress. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
11. Higgins, D., & Harrison, D. W. (2001). Sex differences in diastolic blood pressure as a function of denial. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.

12. Higgins, D., & Harrison, D. W. (2001). QEEG as an assessment tool for multi-sensory paraesthesia diagnosis (schizophrenia). Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
13. Shenal, B. V., & Harrison, D. W. (2001). Cardiovascular correlations of hostility, stress and affective learning. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
14. Higgins, D., & Harrison, D. W. (2001). Quantitative electroencephalography as an assessment tool for ADHD diagnosis. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
15. Higgins, D., & Harrison, D. W. (2001). QEEG imaging brain laterality of visualized positive and negative emotions. Annual meeting of the International Neuropsychological Society (INS), Chicago, IL.
16. Higgins, D. A., & Harrison, D. W. (2002). Sex differences in motor asymmetry. Annual meeting of the International Neuropsychological Society (INS), Toronto, Ontario, Canada.
17. Higgins, D. A., Williamson, J. B., & Harrison, D. W. (2002). A cross-sectional comparison of frontal lobe development and aging. Annual meeting of the International Neuropsychological Society (INS), Toronto, Ontario, Canada.
18. Higgins, D. A., & Harrison, D. W. (2003a). Sex differences in verbal and figural perseveration across trials. Annual meeting of the International Neuropsychological Society (INS), Honolulu, Hawaii.  
Abstract – Journal of the International Neuropsychological Society, 9, 223.
19. Higgins, D. A., & Harrison, D. W. (2003b). Interaction of sex and hostility on verbal fluency performance. Annual meeting of the International Neuropsychological Society (INS), Honolulu, Hawaii.  
Abstract – Journal of the International Neuropsychological Society, 9, 223.
20. Foster, P. S., Thompson, K., & Harrison, D. W. (2004). Recollection of mirthful memories: Covariation of electrophysiological and cardiovascular responding. Annual meeting of the International Neuropsychological Society, Baltimore, MD.
21. Foster, P. S., Thompson, K., & Harrison, D. W. (2004). Varying ages of angry memories: Electrophysiological correlates. Annual meeting of the International Neuropsychological Society, Baltimore, MD.
22. Mollet, G. A., Emerson, C. S., & Harrison, D. W. (2004). Anxious-depression in childhood: An evaluation of executive functions. Annual meeting of the International Neuropsychological Society, Baltimore, MD.

23. Williamson, J. B., & Harrison, D.W. (2004). The influence of lateralized stressors on cardiovascular regulation and perception in high and low hostile men. Annual meeting of the International Neuropsychological Society, Baltimore, MD.
24. Foster, P. S., Walters, R., & Harrison, D. W. (2005). Individual alpha variability: Variation in frequency and amplitude of the dominant rhythm. Annual meeting of the International Neuropsychological Society, St. Louis, MO.
25. Foster, P. S., & Harrison, D. W. (2005). Baseline Cardiovascular activity: Covariation with electrophysiological asymmetry. Annual meeting of the International Neuropsychological Society, St. Louis, MO.
26. Foster, P. S., & Harrison, D. W. (2005). Frontal lobe inhibition of the temporal lobes: Cardiovascular correlates. Annual meeting of the International Neuropsychological Society, St. Louis, MO.
27. Foster, P. S., & Harrison, D. W. (2005). The Design Learning Test: Support for right hemisphere sensitivity. Annual meeting of the International Neuropsychological Society, St. Louis, MO.
28. Mollet, G., Harrison, D. W., & Walters, R. (2005). Alexia without agraphia: A traditional vs. a non-traditional case. Annual meeting of the International Neuropsychological Society, St. Louis, MO.
29. Mollet, G., & Harrison, D. W. (2005). Affective auditory verbal learning: Evidence for a negative emotional bias in hostility. Annual meeting of the International Neuropsychological Society, St. Louis, MO.
30. Everhart, D. E., Demaree, H. A., Edwards, S. A., & Harrison, D. W. (2006). The influence of hostility on electroencephalographic activity and memory functioning during an affective memory task. Annual meeting of the International Neuropsychological Society, Boston, MA.
31. Foster, P. S., Drago, V., Heilman, K. M., & Harrison, D. W. (2006). Verbal learning ability and posterior temporal lobe slow wave activity. Annual meeting of the International Neuropsychological Society, Boston, MA.
32. Holland, K., Mollet, G. A., & Harrison, D. W. (2006). Sex differences in motor precision as a function of cerebral asymmetry. Annual meeting of the International Neuropsychological Society, Boston, MA.
33. Mollet, G. A., Holland, K., Kofalt, J., & Harrison, D. W. (2006). Differences in hand grip strength as a function of hostility, sex, and stress. Annual meeting of the International Neuropsychological Society, Boston, MA.

34. Walters, R., Mollet, G. A., & Harrison, D. W. (2006). High hostile men: Increased error rate for nonverbal fluency. Annual meeting of the International Neuropsychological Society, Boston, MA.
35. Cox, D. A., & Harrison, D. W. (2008). Neuropsychological and psychophysiological correlates of anger expression styles. Annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
36. Cox, D. A., & Harrison, D. W. (2008). Cerebral lateralization and food digestion: A quantitative electroencephalography experiment. Annual meeting of the International Neuropsychological Society, Honolulu, Hawaii.
37. Immel, C. S., Hadder, J. M., Knepp, M. M., Stephens, C. L., Noguchi, R. J. P., & Harrison, D. W. (2008). Resting heart rate and right frontal lobe functioning in trauma survivors. Annual meeting of the International Society for Traumatic Stress Studies, Chicago, IL.
38. Holland, A. K., Carmona, J. E., & Harrison, D. W. (2009). Changes in beta activation as a function of hostility and stress. Annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
39. Foster, P. S., Drago, V., Prejmack, S., Ferguson, B., Ruff, R. M., Heilman, K. M. & Harrison, D. W. (2009). Spreading activation in nonverbal memory networks. Annual meeting of the International Neuropsychological Society, Atlanta, Georgia.
40. Holland, A. K., Carmona, J. E., Harrison, D. W., Hunter, B. T., Leak, L., Nunnery, C., & Polenski, T. (2009). Evidence for sex differences in cerebral laterality: Examining Changes in systolic blood pressure regulation and time estimation before and after exposure to a cognitive stressor. Annual meeting of the Society for Psychophysiological Research (SPR), Berlin, Germany.

## National Meetings

1. Caddell, J., Harrison, D. W., Ellis, R. F., & Lane, M. K. (1986). Home health care: An evaluation and comparison of currently available digital blood pressure/pulse meters. American Psychological Association convention, Washington, D.C.
2. Harrison, D. W., Kelly, P. L. & Shapiro, D. M. (1987). Age differences in cardiovascular and cognitive performance under noise conditions. 40th Annual convention of the Gerontological Society of America, Washington, DC.
3. Shapiro, D. M., & Harrison, D. W. (1987). Alternate form equivalency of the Rey Auditory Verbal Learning Test (RAVL). Annual meeting of the National Academy of Neuropsychology, Chicago, IL.
4. Shapiro, D. M., Harrison, D. W., & Gontang, R. (1987). Verbal motor task interference with neuromuscular control of proximal and distal arm. Annual meeting of the National Academy of Neuropsychology, Chicago, IL.
5. Garrett, J. C., Harrison, D. W., & Kelly, P. L. (1988). Pupillometric assessment: Novelty effects or sexual preference? Annual meeting of the American Psychological Association, Atlanta, GA.
6. Hagopian, L., & Harrison, D. W. (1988). The effects of concurrent verbal shadowing on linguistic phonetic encoding. Annual meeting of the American Psychological Association, Atlanta, GA.
7. Harrison, D. W., Kelly, P. L., & Gorelczenko, P. M. (1988). Home health care: Validity, current issues, and comparisons of digital blood pressure monitors. Annual meeting of the Association for the Advancement of Medical Instrumentation, Washington, DC.
8. Kelly, P. L., Gorelczenko, P. M., & Harrison, D. W. (1988). Home health care: Recommendations for design of visual displays of digital blood pressure monitors. Annual meeting of the Association for the Advancement of Medical Instrumentation, Washington, DC.
9. Gorelczenko, P. M., Collins, J., & Harrison, D. W. (1989). Extracranial and digital temperature habituation of the tonic orienting response. Annual meeting of the American Psychological Association, New Orleans, LA.
10. Hagopian, L. P., Harrison, D. W., & Alden, J. D. (1989). Reading disabilities with and without attentional deficits: A comparison of laterality and hemi-inattention. Annual meeting of the American Psychological Association, New Orleans, LA.

11. Harrison, D. W. & Alden, J. D. (1989). Concurrent verbal interference of right and left proximal and distal upper extremity tapping. Annual meeting of the American Psychological Association, New Orleans, LA. Marcel Kinsbourne, Discussant.
12. Harrison, D. W., Zicafoose, B., Francis, J., & Lanter, J. J. (1989). Environmental control of bruxism in advanced dementia. Annual meeting of the American Psychological Association, New Orleans, LA.
13. Emerson, C. S. & Harrison, D. W. (1990). Denial as a prominent predictor of cardiovascular reactivity in women. Annual meeting of the American Psychological Association, Boston, MA.
14. Alden, J. D., Billings, L. S., & Harrison, D. W. (1991). Functional asymmetry for facial affect perception in younger and elderly women. Annual meeting of the Gerontological Society of American, San Francisco, CA.
15. Bunce, V. L., Coplin, J. M., & Harrison, D. W. (1991). Child- or adult-directed speech and esteem with the elderly. Annual meeting of the American Psychological Society, Washington, DC.
16. Crews, W. D. & Harrison, D. W. (1991). Sex differences in facial affect perception as a function of depression. Annual meeting of the American Psychological Society, Washington, DC.
17. Demakis, G., Gorelczenko, P. M., & Harrison, D. W. (1991). Facial affect perception in Type A and Type B men and women. Annual meeting of the American Psychological Society, Washington, DC.
18. Demakis, G. J., Kelly, P., & Harrison, D. W. (1992). Home blood pressure monitoring: A survey of consumer knowledge. Annual Meeting of the American Psychological Association, Washington, DC.
19. Crews, W. D., Jr. & Harrison, D. W. (1993). Cerebral asymmetry in facial affect perception of women: Neuropsychological effects of depression. Annual meeting of the National Academy of Neuropsychology, Phoenix, AZ.
20. Demakis, G. J., Harrison, D. W., & Campen, M. (1993). Interference effects of neutral and emotional word rehearsal on affect perception. Annual Meeting of the American Psychological Society, Chicago, IL.
21. Demakis, G. J., & Harrison, D. W. (1994). Relationships between commonly employed verbal and nonverbal fluency measures. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
22. Demakis, G. J., Herridge, M. L., & Harrison, D. W. (1994). Pathological display of positive affect: A bilateral electrodermal case study. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.

23. Demaree, H. A., Harrison, D. W., & Crews, W. D., Jr. (1994). Topographical brain mapping in depression following mild closed-head injury: A case study. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
24. Everhart, D. E., Demaree, H. A., & Harrison, D. W. (1995). Topographical brain mapping: Hostility following closed head injury. Annual meeting of the American Psychological Association (APA), New York, NY.
25. Snyder, K. A., Harrison, D. W., & Gorman, W. (1996). The neurobehavioral correlates of affect perception as a function of verbal fluency. Annual meeting of the American Psychological Association (APA Division 40), Toronto, Canada.
26. Snyder, K. A., & Harrison, D. W. (1996). An affective auditory verbal learning test. Annual meeting of the American Psychological Association (APA Division 40), Toronto, Canada.
27. Harrison, D. W., Alden, J. D., Snyder, K. A., & Everhart, D. E. (1996). Age differences in intention to left and right hemispace using a dichotic listening paradigm. Annual meeting of the American Psychological Association (APA Division 20), Toronto, Canada.
28. Crews, W. D., Harrison, D. W., & Rhodes, R. D. (1997). Neuropsychological test performances of young, depressed outpatient women: An examination of executive functions. Annual meeting of the National Academy of Neuropsychology, Las Vegas, NV, November.
29. Rhodes, R. D., Everhart, D. E., Harrison, D. W., & Arey, A. (1997). Cerebral mechanisms of ANS and emotion dysregulation. Annual meeting of the National Academy of Neuropsychology, Las Vegas, NV, November.
30. Everhart, D. E., Shenal, B., & Harrison, D. W. (1997). Neuropsychological effects of anxiety without depression on functional motor asymmetry. Annual meeting of the National Academy of Neuropsychology, Las Vegas, NV, November.
31. Demaree, H. A., Harrison, D. W., & Shenal, B. (1997). Analysis of QEEG and cardiovascular responses to stress. Annual meeting of the National Academy of Neuropsychology, Las Vegas, NV, November.
32. Herridge, M., & Harrison, D. W. (1997). The effects of hostility and arousal on facial affect perception: A test of a neuropsychological model of hostility. Annual meeting of the National Academy of Neuropsychology, Las Vegas, NV, November.
33. Everhart, D. E., Higgins, D. A., & Harrison, D. W. (1997). Neuropsychological effects of anxiety without depression on facial affect perception. Annual meeting of the American Psychological Association (Division 40), Chicago, IL.

34. Everhart, D. E., Harrison, D. W., & Shenal, B. V. (1997). Neuropsychological effects of anxiety without depression on functional motor asymmetry. Annual meeting of the American Psychological Association (Division 40), Chicago, IL.
35. Shenal, B. V., Everhart, D. E., & Harrison, D. W. (1998). Asymmetrical regulation of cardiovascular functioning and fluency among anxious and non-anxious men. Annual meeting of the National Academy of Neuropsychology, Washington, DC.
36. Steele, S., Everhart, E., Rhodes, R., & Harrison, D. W. (1998). Physiological differences as a function of hemibody exposed to cold pressor stress. APS Showcase Poster presented to the American Psychological Society, Washington, DC.
37. Shenal, B. V., Crews, W. D. Jr., & Harrison, D. W. (1998). Assessment techniques of neuropsychological sequelae following electrical shock: QEEG and synchro analysis. Submitted to the annual meeting of the American Psychological Society, Washington, DC.
38. Shenal, B. V., Rhodes, R. D., & Harrison, D. W. (1999). Cardiovascular reactivity and hostility: The dynamic cerebral laterality effect. Annual meeting of the National Academy of Neuropsychology, San Antonio, TX.
39. Rhodes, R. D., Shenal, B. V., & Harrison, D. W. (1999). A functional systems approach to the study of hemispheric asymmetries in the processing of emotion. Annual meeting of the National Academy of Neuropsychology, San Antonio, TX.
40. Rhodes, R. D., Shenal, B. V., & Harrison, D. W. (1999). Cardiovascular dynamics and cerebral asymmetry as a function of hostility and stress. Annual meeting of the National Academy of Neuropsychology, San Antonio, TX.
41. Higgins, D. A., & Harrison, D. W. (1999). Sex differences in the functional cerebral laterality of cardiovascular reactivity to speech and a cold pressor. Annual meeting of the National Academy of Neuropsychology, San Antonio, TX.
42. Emerson, C., Everhart, E., Williamson, J., & Harrison, D. W. (1999). Receptive prosodic ability in depressed and non-depressed school-aged boys. Annual meeting of the American Psychological Association, Boston, MA.
43. Emerson, C., Williamson, J., Everhart, E., & Harrison, D. (1999). Hand fatigue asymmetry in the motor performance of depressed boys. Annual meeting of the American Psychological Association, Boston, MA.
44. Williamson, J. B., Everhart, E., & Harrison, D. W. (2000). Cerebral asymmetry in the dual-task performances of high-hostile males. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.

45. Williamson, J. B., Shenal, B. V., Rhodes, R., & Harrison, D. W. (2000). Quantitative EEG diagnostic confirmation of expressive aprosodia. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
46. Foster, P., Williamson, J. B., & Harrison, D. W. (2000). Quantitative EEG assessment of an individual diagnosed with non-fluent aphasia. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
47. Rhodes, R. D., Shenal, B. B., & Harrison, D. W. (2000). Cerebral asymmetry in emotion and cardiovascular regulation: A meta-analysis. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
48. Parker, J. L., & Harrison, D. W. (2000). The neuropsychology of the devil. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
49. Shenal, B. V., & Harrison, D. W. (2000). The effects of stress and affective list learning on cardiovascular reactivity: A model of dynamic cerebral laterality. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
50. Shenal, B. V., & Harrison, D. W. (2000). Emotional processing and hostility: Group differences in affective word learning. Annual meeting of the National Academy of Neuropsychology, Orlando, FL.
51. Higgins, D. A., Beck, A. L., & Harrison, D. W. (2001). Sex differences in aging effects on frontal lobe decline. Annual meeting of the National Academy of Neuropsychology, San Francisco, CA.
52. Higgins, D. A., & Harrison, D. W. (2001). A neuropsychological model of sex differences in cardiovascular regulation and disease. Annual meeting of the National Academy of Neuropsychology, San Francisco, CA.
53. Foster, P. S. & Harrison, D. W. (2001). Quantitative electroencephalographic outcome assessment of expressive dysphasia and dysprosodia. Annual meeting of the National Academy of Neuropsychology, San Francisco, CA.
54. Foster, P. S. & Harrison, D. W. (2001). The neurophysiology of pessimism. Annual meeting of the National Academy of Neuropsychology, San Francisco, CA.
55. Harrison, D. W., Walters, R. P., Williamson, J. W., & Foster, P. (2002). Lateralized visual hallucinations: Analysis of affective valence. Annual meeting of the National Academy of Neuropsychology, Miami, FL.
56. Williamson, J. B., & Harrison, D. W. (2002). Arousal: A neuropsychological review. The annual meeting of the National Academy of Neuropsychology, Miami, FL.

57. Higgins, D. A., & Harrison, D. W. (2002a). Dynamic effects of menstrual phase and hostility on verbal fluency. Annual meeting of the National Academy of Neuropsychology, Miami, FL.
58. Higgins, D. A., & Harrison, D. W. (2002b). Differences in Time Estimation: Hostile Interference. Annual meeting of the National Academy of Neuropsychology, Miami, FL.
59. Walters, R., Beck, A. L., & Harrison, D. W. (2002). An analysis of tactile deficits in patients reporting visual formaesthesia (hallucination). Annual meeting of the National Academy of Neuropsychology, Miami, FL.
60. Beck, A. L. & Harrison, D. W. (2002). Should psychophysiological measurement (QEEG) be part of the neuropsychological evaluation? Annual meeting of the National Academy of Neuropsychology, Miami, FL.
61. Beck, A. L., Walters, R., & Harrison, D. W. (2002). Changes in lateralized auditory functioning in patients with formaesthesia (hallucinations). Annual meeting of the National Academy of Neuropsychology, Miami, FL.
62. Williamson, J. B., Harrison, D. W., & Foster, P. S. (2002). Emotion and arousal: A functional cerebral systems analysis. Annual meeting of the Society for Psychophysiological Research. Washington, DC.
63. Foster, P. S., & Harrison, D. W. (2002). Quantitative electroencephalographic assessment of an individual with comorbid depression and panic attacks. Annual meeting of the National Academy of Neuropsychology, Miami, FL.
64. Foster, P. S., & Harrison, D. W. (2002). Blazing trails with the right hemisphere: A homologous version of the Trail Making Parts A and B. Annual meeting of the National Academy of Neuropsychology, Miami, FL.
65. Foster, P. S., & Harrison, D. W. (2002). Now I'm really angry, just look at my brain! Annual meeting of the Society for Psychophysiological Research, Washington, D. C.
66. Foster, P. S., Williamson, J. B., & Harrison, D. W. (2002). The Design Learning Test: Assessment of learning at the right hemisphere. The annual meeting of the National Academy of Neuropsychology, Miami, FL.
67. Foster, P. S., & Harrison, D. W. (2002). Resting magnitude of cerebral asymmetry: Baseline cardiovascular correlates. Annual meeting of the Society for Psychophysiological Research, Washington, D. C.
68. Foster, P. S., & Harrison, D. W. (2002). Changes in magnitude of cerebral activation: Covariation with cardiovascular responding. Annual meeting of the Society of Psychophysiological Research, Washington, D. C.

69. Foster, P. S., Beck, A., & Harrison, D. W. (2002). Intensity and age effects of angry memories on cardiovascular responding. Annual meeting of the Society for Psychophysiological Research, Washington, D. C.
70. Higgins, D. A., Harrison, D. W., & Ruwe, W. D. (2003). Sex differences in cardiovascular reactivity to verbal and spatial fluency tasks. Annual meeting of the National Academy of Neuropsychology, Dallas, Texas.
71. Foster, P. S., Williamson, J., & Harrison, D. W. (2003). The effects of varying intensity of white noise on cerebral activation. Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
72. Foster, P. S., Williamson, J., & Harrison, D. W. (2003). That was so funny you can even see it on my brain! Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
73. Williamson, J. B., Foster, P., & Harrison, D. W. (2003). Cerebral asymmetry as a function of hostility. Annual meeting of the Society for Psychophysiological Research, Chicago, IL.
74. Foster, P. S., Beck, A. L., Mollet, G. A., & Harrison, D. W. (2003). Homologous hemispheric comparisons using quantitative electroencephalography: Is symmetry to be expected? Annual meeting of the National Academy of Neuropsychology, Dallas, TX.
75. Foster, P. S., Beck, A. L., & Harrison, D. W. (2003). The Figure Arrangement Test: Differential Performance between low and high hostile men. Annual meeting of the National Academy of Neuropsychology, Dallas, TX.
76. Foster, P. S., Beck, A. L. & Harrison, D. W. (2003). The Ruff Figural Fluency Test: Heightened right frontal lobe delta activity as a function of performance. Annual meeting of the National Academy of Neuropsychology, Dallas, TX.
77. Mollet, G. A., & Harrison, D. W. (2004). Thalamic syndrome: Lateralized emotional multimodal hallucinations. Annual meeting of the National Academy of Neuropsychology, Seattle, Washington.
78. 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. Annual meeting of the National Academy of Neuropsychology, Seattle, Washington.
79. Foster, P. S., Mollet, G., & Walters, R., Harrison, D. W. (2004). Quantitative electroencephalographic evidence for the double dissociation of the Trail Making Test. Annual meeting of the National Academy of Neuropsychology, Seattle, Washington.

80. Foster, P. S., Walters, R., Mollet, G., & Harrison, D. W. (2004). Hostility as a function of right frontal lobe slow wave activity. Annual meeting of the National Academy of Neuropsychology, Seattle, Washington.
81. Mollet, G. A., Harrison, D. W., & Walters, R. P. (2004). Thalamic syndrome: Lateralized emotional multimodal hallucinations. Annual meeting of the National Academy of Neuropsychology, Seattle, Washington.
82. Mollet, G. A., & Harrison, D. W. (2005). Effects of a pain stressor on affective verbal learning. Annual meeting of the American Psychological Association, Washington D.C.
83. Mollet, G. A., & Harrison, D. W. (2005). Affective verbal learning: Evidence for a negative emotional bias. Annual meeting of the American Psychological Association, Washington D.C.
84. Mollet, G. A., & Harrison, D. W. (2005). Sex differences in response to a cold pressor. Annual meeting of the American Psychological Association, Washington D.C.
85. Mollet, G. A., & Harrison, D. W. (2005). Effects of hostility on affective verbal learning in women. Annual meeting of the American Psychological Association, Washington D.C.
86. Mollet, G. A., Walters, R. P., Holland, A. K., & Harrison, D. W. (2005). EOG smooth pursuit errors as a function of hostility. Annual meeting of the National Academy of Neuropsychology, Tampa, Florida.
87. Mollet, G. A., Holland, A. K., & Harrison, D. W. (2005). Effects of bright light on unilateral stroke: Modified receptive speech deficits in left hemisphere stroke patients. Annual meeting of the National Academy of Neuropsychology, Tampa, Florida.
88. Cox, D.E., Coplin, J., & Harrison, D.W. (2005). Empirical Evaluation of Wandering Among Alzheimers Patients. Annual meeting of the National Academy of Neuropsychology, Tampa, FL.
89. Mollet, G. & Harrison, D. W. (2007). Annual meeting of the Rocky Mountain Psychological Association, Boulder, Colorado.
90. Cox, D. E., Carmona, J. E., Holland, A. K., Sugang, J., Johnson, B. E., Golkow, K., & Harrison, D. W. (2007). Necker Cube reversals as a measure of figural fluency: Comparisons to the Ruff Figural Fluency Test. Annual meeting of the National Academy of Neuropsychology, Scottsdale, Arizona.
91. Cox, D. E., Valentino, S. E., Holland, A. K., Golkow, K., & Harrison, D. W. (2007). IBS and hostility: Establishing a relationship and functional cerebral systems model. Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.

92. Holland, A. K., Carmona, J. E., Cox, D. E., Wolf, S. N., & Harrison, D. W. (2007). Time estimation differences in low and high hostile men: Behavioral and physiological correlates of right frontal regulation of an internal clock. Annual meeting of the Society for Psychophysiological Research, Savannah, Georgia.
93. Holland, A. K., Crews, W. D. & Harrison, D. W. (2007). A double-blind, placebo-controlled, randomized trial of the efficacy of dark chocolate and cocoa on variables associated with neuropsychological functioning and cardiovascular health: Clinical findings from a sample of cognitively intact older adults. Annual meeting of the National Academy of Neuropsychology, Scottsdale, Arizona.
94. Crews, W. D., Harrison, D. W., Keiser, A. M., Miller, C. L., & Carmona, J. E. (2007). The Memory Screening Outreach Program: Findings from a large community-based sample of middle-aged and older adults. Annual meeting of the National Academy of Neuropsychology, Scottsdale, Arizona.
95. Carmona, J.E., Cox, D.E., Holland, A.K., Harrison, D.W., Mallory, T., Stratton, H. (2007) A preliminary examination of The Dementia Rating Scale-II in a College-age sample. Poster presented at the National Academy of Neuropsychology, Scottsdale, AZ.
96. Noguchi, R. J. P., Knepp, M. M., Towe, S. L., Stephens, C. L., Rowland, J. A., Immel, C. S., & Harrison, D. W. (2008). Health related behavior in Asian and American samples of college students. Annual meeting of the American Psychological Science, Chicago, IL.
97. Knepp, M. M., Frey, K. A., Towe, S. L., Immel, C. S., Rowland, J. A., Stephens, C. L., Noguchi, R. J. P., & Harrison, D. W. (2008). Worry's negative impact on the mind-body system: Evidence with right frontal functioning. Annual meeting of the American Psychological Science, Chicago, IL.
98. Tiffin, L. E., Knepp, M. M., Stephens, C. L., Noguchi, R. J. P., Towe, S. L., Immel, C. S., Rowland, J. A., & Harrison, D. W. (2008). Exercise during leisure time positively impacts temperament, sociability, and cardiovascular health. . Annual meeting of the Association for Psychological Science, Chicago, IL.
100. Rowland, J. A., Knepp, M. M., Towe, S. L., Stephens, C. L., Immel, C. S., Noguchi, J. P., & Harrison, D. W. (2008). Right frontal functioning, personality, worry, and the cardiovascular system in a college population. Annual meeting of the Association for Behavioral and Cognitive Therapies, Orlando, FL.
101. Rowland, J. A., Knepp, M. M., Towe, S. L., Immel, C. S., Noguchi, J. P., Stephens, C. L., & Harrison, D. W. (2008). Test re-test reliability of the Ruff Figural Fluency Test. Annual meeting of the Association for Psychological Sciences, Chicago, IL.

102. Tiffin, L. E., Knepp, M. M., Stephens, C. L., Noguchi, J. P., Towe, S.L., Immel, C. S., Rowland, J. A., & Harrison, D. W. (2008). Test re-test reliability of the Ruff Figural Fluency Test. Annual meeting of the Association for Psychological Sciences, Chicago, IL.
103. Holland, A. K., Carmona, J. E., Cox, D. E., Brickman, S., & Harrison, D. W. (2008). Changes in right frontal lobe delta activation as a function of hostility and stress. Annual meeting of the National Academy of Neuropsychology, New York, NY.
104. Holland, A. K., Carmona, J. E., Cox, D. E., Johnson, B., & Harrison, D. W. (2008). A functional cerebral systems approach to hostility: Changes in design fluency performance as a function of exposure to physiological stress. Annual meeting of the National Academy of Neuropsychology, New York, NY.
105. Cox, D. E., & Harrison, D. W. (2008). Fluency and anger expression styles: Evidence of frontal lobe asymmetry. Annual meeting of the National Academy of Neuropsychology, New York, NY.
106. Holland, A. K., Carmona, J. E., Walters, R., & Harrison, D. W. (2008). Differences in cerebral lateralization of heart rate and time estimation as a function of hostility level. Annual meeting of Society for Psychophysiological Research.
107. Immel, C. S., Hadder, J. M., Knepp, M. M., Stephens, C. L., Noguchi, R.J.P. & Harrison, D. W. (2008). Resting heart rate and right frontal lobe function in trauma Survivors. Annual meeting of the International Society for Traumatic Stress Studies, Chicago, IL.
108. Knepp, M. M., Stephens, C. L., Towe, S. L., Immel, C. S., Noguchi, R.J.P., Rowland, J. A., & Harrison, D. W. (2009). Differences in alcohol expectancies and problems between worriers and nonworriers. Annual meeting of the Association for Psychological Science, San Francisco, CA.
109. Holland, A. K., Carmona, J. E., Harrison, D. W., Hunter, B. T., Leak, L., Nunnery, C., & Polensky, T. (2009). Evidence for sex differences in cerebral laterality: Examining changes in systolic blood pressure regulation and time estimation before and after exposure to a cognitive stressor. Annual meeting of Society for Psychophysiological Research.
110. Holland, A. K., Carmona, J. E., Harrison, D. W., Hunt, S., Riner, B., & Latham, K. (2009). Extending the functional cerebral systems approach to time estimation: Examining age-related changes in right hemisphere regulation of an internal clock. Annual meeting of the National Academy of Neuropsychology, New Orleans, LA.

111. Carmona, J. E., Holland, A. K., Comer, C., & Harrison, D. W. (2009). Age-related differences in systolic blood pressure regulation and design fluency performance as a function of stress. Annual meeting of the National Academy of Neuropsychology, New Orleans, LA.

### Regional Meetings

1. Harrison, D. W. (1981). Habituation and arousal in old and young monkeys. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
2. Harrison, D. W., & Isaac, W. (1981). Age differences in behavioral arousal. Fifth Annual convention for the Behavioral Sciences, University of Georgia, Athens, GA.
3. Harrison, D. W., Westbrook, R. D., & Pavlik, W. B. (1981). Age differences in conditioned suppression: Response inhibition vs. response activation. Fifth Annual convention for the Behavioral Sciences, University of Georgia, Athens, GA.
4. Harrison, D. W., Harrison, P. K., & Pavlik, W. B. (1982). Effects of age, pre-exposure, and noise conditions on performance in old and young animals. Annual meeting of the Southeastern Psychological Association, New Orleans, LA.
5. Harrison, D. W., Westbrook, R. D., & Pavlik, W. B. (1982). CER acquisition and extinction in old and young rats. Annual convention of the Southeastern Psychological Association, New Orleans, LA.
6. Nemeth, R. V., Harrison, D. W., Cohen, L., & Pavlik, W. B. (1982). Further between and within-subjects tests of the within subject reversed partial reinforcement effect (PRE). Annual meeting of the Southeastern Psychological Association, New Orleans, LA.
7. Harrison, D. W., Adams, J. E., & Pavlik, W. B. (1982). Context as a determinant of age deficits. Sixth Annual convention for the Behavioral Sciences, University of Georgia, Athens, GA.
8. Adams, J., Harrison, D. W., Shearon, T., Pavlik, W. B., & Allen, J. D. (1983). Polydipsia in young, middle and old age rats. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
9. Harrison, D. W., & Pavlik, W. B. (1983). Age differences in the effects of exposure, pre-exposure, and noise conditions on recall memory. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
10. Harrison, D. W., & Henderson, D. (1984). Visual and auditory feedback for head tilt and torsion in a spasmodic torticollis patient. Annual meeting of the Southeastern Psychological Association, New Orleans, LA.
11. Harrison, D. W., Gavin, M., & Garrett, J. (1984). Neuropsychological evaluation of a spasmodic torticollis patient. Seventh annual Convention for the Behavioral Sciences, University of Georgia, Athens, GA.
12. Harrison, D. W., Gavin, M. J., & Isaac, W. (1986). A portable computer-compatible instrument for the evaluation of autonomic nervous system measures. Annual meeting of the Southeastern Psychological Association, Orlando, FL.

13. Harrison, D. W., Kelly, P. L., Gavin, M. J., & Isaac, W. (1986). Habituation of Blood Volume Pulse amplitude across recording sites. Annual meeting of the Southeastern Psychological Association, Orlando, FL.
14. Skidmore, R. J., & Harrison, D. W. (1986). Psychological treatment of essential hypertension. Annual meeting of the Virginia Psychological Association, Williamsburg, VA.
15. Ellis, R., Harrison, D. W., & Kelly, P. L. (1987). Observer bias and habituation of the blood pressure reactivity response. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
16. Harrison, D. W., Gorelzenko, P., & Kelly, P. L. (1987). Home health care: An evaluation of the HC-3501 digital blood pressure/pulse meter. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
17. Harrison, D. W. & Kelly, P. L. (1988). Age differences in blood pressure as a function of sensory conditions. Annual meeting of the Southeastern Psychological Association, New Orleans, LA.
18. Zicafoose, B. F., Davis, R. A., Oliveira, H. E., Mays, M. J., Franchina, J. J., Harrison, D. W., & Shapiro, D. M. (1988). Effects of intrainstitutional relocation on hospitalized elderly patients. Third Annual Conference on Gerontological Nursing, Clemson, SC.
19. Zicafoose, B. F., Davis, R. A., Oliveira, H. E., Franchina, J. J., Harrison, D. W., & Shapiro, D. M. (1988). Effects of intrainstitutional relocation on physiological, verbal, and motor performance in elderly patients. Second annual Helen Yura Research Symposium, Old Dominion University.
20. Cook, J. P., Gorelzenko, P. M., & Harrison, D. W. (1989). Sex differences and hostility: A preliminary analysis of facial affect perception. Annual meeting of the Southeastern Psychological Association, Washington, DC.
21. Gorelzenko, P. M., Harrison, D. W., & Cook, J. P. (1989). Type A facial affect processing: A preliminary analysis. Annual meeting of the Southeastern Psychological Association, Washington, DC.
22. Pauly, R. S. & Harrison, D. W. (1989). Bilateral motor strength, perseveration, and fatigue under four sensory conditions. Annual meeting of the Southeastern Psychological Association, Washington, DC.
23. Pendry, D., Alden, J. D., & Harrison, D. W. (1989). Age differences in emotional perception. Annual meeting of the Southeastern Psychological Association, Washington, DC.

24. Harrison, D. W. (1989). Neuropsychological approaches to subtyping developmental dyslexias. Colloquium presented to the Veterans Administration Medical Center, Salem, VA.
25. Shapiro, D. M. & Harrison, D. W. (1990). Age differences in the effects of ambient sensory conditions on hemispheric activation. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
26. Coplin, J. M., Harrison, D. W., & Lanter, J. J. (1992). Emotional processing as a function of handedness. Virginia Psychological Association, April.
27. Coplin, J. M., Lanter, J. J., & Harrison, D. W. (1992). The effect of light on the performance of unilateral stroke patients on a dichotic listening task. Virginia Psychological Association, April.
28. Snyder, K., & Harrison, D. W. (1995). The neurobehavioral correlates of affect perception as a function of verbal fluency classification. Presented to the Virginia Psychological Association, Alexandria, VA.
29. Crews, W. D., Jr., Harrison, D. W., Rhodes, R. D., & Demaree, H. A. (1995). Hand fatigue asymmetry of women with depressed mood. Annual meeting of the Virginia Psychological Association, Alexandria, VA.
30. Everhart, D. E., & Harrison, D. W. (1995). The utility of QEEG in neuropsychological evaluation: A case study. Presented to the Virginia Psychological Association, Alexandria, VA.
31. Everhart, D. E., & Harrison, D. W. (1995). The effect of handedness on the identification of facial affect stimuli. Presented to the Virginia Psychological Association, Alexandria, VA.
32. Rhodes, R. D., Harrison, D. W., & Everhart, D. E. (1996). Neuropsychological deficits in a child with pervasive developmental disorder: A case study. Presented at the Sixth Annual Virginia Beach Conference - Children and adolescents with emotional and behavioral disorders, Virginia Beach, VA.
33. Shenal, B. V., Crews, W. D., Barth, J. T., & Harrison, D. W. (1997). A longitudinal neuropsychological case study of electrocution with quantitative electroencephalography. Presented to the Virginia Psychological Association, Roanoke, VA, February.
34. Shenal, B. V., & Harrison, D. W. (1998). Hostility, cardiovascular regulation, and linguistic recognition. Annual meeting of the Virginia Collegiate Psychology Conference, Blacksburg, VA, April.

35. Shenal, B. V., Rhodes, R. D., Moore, T. M., Higgins, D. A., & Harrison, D. W. (1998). Quantitative electroencephalography (QEEG) facilitates neuropsychological syndrome analysis: An alternative to the nomothetic approach. Annual meeting of the Virginia Psychological Association, Wintergreen, VA, April.
36. Emerson, C. S., Everhart, D. E., Williamson, J. B., & Harrison, D. W. (1998). Receptive prosody in depressed and non-depressed school-aged boys. Annual meeting of the Virginia Psychological Association, Wintergreen, VA, April.
37. Steele, S., Rhodes, R. D., Everhart, D. E., & Harrison, D. W. (1998). Differential sympathetic activation to lateralized cold pressor pain. Annual meeting of the Virginia Psychological Association, Wintergreen, VA, April.
38. Rhodes, R. D., Steele, S., & Harrison, D. W. (1998). Dynamometer grip strength, perseveration, and fatigue as a function of diagnostic category. Annual meeting of the Virginia Psychological Association, Wintergreen, VA, April.
39. Steele, S., & Harrison, D. W. (1999). Evaluation and comparison of electronic digital pulse monitors: Model PU-701 and PU-703. Annual meeting of the Southeastern Psychological Association.
40. Rhodes, R. D., Shenal, B. V., & Harrison, D. W. (1999). Cerebral asymmetry in cardiovascular regulation: Hostility and stress. Annual meeting of the Southeastern Psychological Association, Savannah, GA.
41. Higgins, D. A., Everhart, D. E., & Harrison, D. W. (1999). Neurological disorders misdiagnosed as conversion disorders: QEEG utility for increased diagnostic accuracy. Annual meeting of the Southeastern Psychological Association, Savannah, GA.
42. Shenal, B. V., Rhodes, R. D., & Harrison, D. W. (1999). Cerebral mediation of emotion: Hostility and the autonomic nervous system. Annual meeting of the Southeastern Psychological Association, Savannah, GA.
43. Moore, T. M., Rhodes, R. D., Shenal, B. V., & Harrison, D. W. (1999). Quantitative electroencephalography (QEEG) and forensic neuropsychology. Annual meeting of the Southeastern Psychological Association, Savannah, GA.
44. Williamson, J., Higgins, D. A., Demaree, H. A., & Harrison, D. W. (1999). Diminished asymmetry in hostile men: Motor performance. Annual meeting of the Southeastern Psychological Association, Savannah, GA.
45. Williamson, J., Foster, P., & Harrison, D. W. (2000). Differential effects of hostility level on nonverbal and verbal fluency. Annual meeting of the Southeastern Psychological Association, New Orleans, LA.

46. Foster, P. S. & Harrison, (2001). The relationship between magnitude of cortical activation and cardiovascular responding. Seventeenth Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.
47. Park, A., Harrison, D. W., Crews, W. D., & Rhodes, R. D. (2001). Six-year case study of neurological dysfunction after accidental electric shock. Annual meeting of the Virginia Psychological Association, Roanoke, VA.
48. Higgins, D., Beck, A., Foster, P., & Harrison, D. W. (2001). Frontal lobe decline: Evidence from sex differences in aging effects. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
49. Williamson, J., Higgins, D. A., Beck, A. L., & Harrison, D. W. (2001). A cross-sectional comparison of frontal lobe developmental aging. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
50. Harrison, D. W. (2001). Brief methods in neuropsychological assessment. Presented to the Veterans Administration Medical Center, Salem, VA.
51. Williamson, J., & Harrison, D. W. (2001). Localized arousal states: A functional cerebral systems analysis of stressor methodologies. Annual meeting of the Virginia Psychological Association, Roanoke, VA.
52. Park, A. H., & Harrison, D. W. (2001). Six-year case study of neurological dysfunction after accidental electric shock. Annual meeting of the Eastern Psychological Association.
53. Foster, P. S. & Harrison, (2001). The relationship between magnitude of cortical activation and cardiovascular responding. Annual meeting of the Southeastern Psychological Association, Atlanta, GA.
54. Williamson, J. B. & Harrison, D. W. (2002). Localized arousal states: A functional cerebral systems analysis of stressor methodologies. Annual meeting of the Southeastern Psychological Association, Orlando, FL.
55. Foster, P. S., Beck, A., & Harrison, D. W. (2002). Now I'm really angry, just look at my brain! Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.
56. Mollet, G. A., Emerson, C. S., Beck, A. L., & Harrison, D. W. (2003). Frontal lobe dysfunction in anxious-depressed boys. Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.
57. Harrison, D. W. (2003). Brief methods in neuropsychological assessment. Presented to the Veterans Administration Medical Center, Salem, VA.
58. Foster, P. S., & Harrison, D. W. (2003). That was so funny you can even see it on my brain! Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.

59. Beck, A. L., Mollet, G. A., Foster, P. S., Walters, R. P., & Harrison, D. W. (2003). Thalamic syndrome: Lateralized multimodal hallucinations. Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.
60. Walters, R. P., Beck, A. L., Harrison, D. W., & Mollet, G. A. (2003). A lack of relationship between auditory and visual hallucinations in a rehabilitative population. Annual Graduate Research Symposium of Virginia Tech, Blacksburg, VA.
61. Crews, W. D., Harrison, D. W., Griffin, M. L., Addison, K., Yount, A., Giovenco, M. A., & Hazell, J. (2004). A Double-blind, placebo-controlled, randomized trial of the efficacy of cranberry juice in a sample of cognitively intact older adults: Neuropsychological findings. Annual meeting of the Virginia Psychological Association, Roanoke, Va.
62. Harrison, D. W. (2004). Brief methods in neuropsychological assessment. Presented to the Veterans Administration Medical Center, Salem, VA.
63. Mollet, G. A., Walters, R. P., & Harrison, D. W. (2004). Alexia without agraphia: Connecting the disconnection. 20<sup>th</sup> Annual Virginia Tech Graduate Research Conference, Blacksburg, VA.
64. Foster, P. S., Mollet, G. A., Walters, R. P., & Harrison, D. W. (2004). Quantitative electroencephalographic evidence for the double dissociation of the Trail Making Test. 20<sup>th</sup> Annual Virginia Tech Graduate Research Conference.
65. Mollet, G. A., & Harrison, D. W. (2005). Effects of sex and pain on affective verbal learning. 21<sup>st</sup> Annual Virginia Tech Graduate Research Conference.
66. Mollet, G. A., & Harrison, D. W. (2005). A bias for negative emotion in verbal learning. 21<sup>st</sup> Annual Virginia Tech Graduate Research Conference.
67. Harrison, D. W. (2005). Brief methods in neuropsychological assessment. Presented to the Veterans Administration Medical Center, Salem, VA.
68. Harrison, D. W. (2005). How to prevent, survive and conquer stroke. Presented to the Lewis Gale Medical Center 20<sup>th</sup> Anniversary Celebration (Invited Address).
69. Cox, D.E. & Harrison, D.W. (2005). Cognitive Effects of Relocation on Elderly Inpatients. Presented at the 2005 annual conference of the Tennessee Psychological Association, Nashville, Tennessee.
70. Carmona, J. E., Holland, A. K., Cox, D. E. & Harrison, D. W. (2007). The role of emotion in the forgotten sensory modality: Exploring anxiety and hostility contributions to the vestibular system. Presented at the College of William and Mary annual graduate research symposium, Williamsburg, Virginia.

71. Holland, A. K., Mollet, G., Carmona, J. E., Cox, D. E., & Harrison, D. W. (2007).  
Lateralized differences in systolic blood pressure regulation and phoneme detection as a function of hostility level and stress. Presented at the College of William and Mary annual graduate research symposium, Williamsburg, Virginia.
72. Holland, A. K., Cox, D., Carmona, J. E., Golkow, K., & Harrison, D. W. (2007).  
Lateralized differences in cerebral activation as a function of food intake. The Deans' Forum on Health, Food, and Nutrition. Virginia Polytechnic Institute, Blacksburg, Virginia.
73. Crews, W.D., Harrison, D. W., Keiser, A. M., Miller, C. L., Carmona, J., & Miller, G. (2007). The Memory Screening Outreach Program. The Deans' Forum on Health, Food, and Nutrition Virginia Polytechnic Institute, Blacksburg, Virginia.
74. Kirby, J.E., Hunter, B.T., Leak, L.S., Coe, M., Polenski, T., Holland, A.K., and Harrison, D.W. (2009). A functional cerebral systems approach to examining changes in arousal in the left and right frontal lobes. The 39<sup>th</sup> annual meeting of the South Carolina Psychological Association, Myrtle Beach, SC.

## **STUDENTS SUPERVISED: THESES & DISSERTATIONS**

### **Undergraduate Honors Theses Chaired**

1. Peter M. Gorelczenko, Virginia Polytechnic Institute and State University, 1988.
2. Julie Garver, Virginia Polytechnic Institute and State University, 1989.
3. Jennifer Coplin, Virginia Polytechnic Institute and State University, April, 1992.
4. Laura Billings, Virginia Polytechnic Institute and State University, April, 1993.
5. William Gorman, Virginia Polytechnic Institute and State University, 1995.
6. Brian Shenal, Virginia Polytechnic Institute and State University, 1996.
7. Shelley Steele, Virginia Polytechnic Institute and State University, 1998.
8. John Eric Sumner, Virginia Polytechnic Institute and State University, 2000.
9. Robert Walters, Virginia Polytechnic Institute and State University, 2002.
10. Patricia K. Ramsey, Virginia Polytechnic Institute and State University, 2003.

### **Dissertations Chaired: Current**

1. Jason Parker, Ph.D., Virginia Polytechnic Institute and State University, May 2009  
(expected).
2. Joe Carmona, Ph.D., Virginia Polytechnic Institute and State University, May, 2010  
(expected).
3. Sara Valentino, Ph.D., Virginia Polytechnic Institute and State University, May 2010  
(expected).
4. Lauren Golden, Ph.D., Virginia Polytechnic Institute and State University, May 2011  
(expected).
5. Clinton Comer, Ph.D. Virginia Polytechnic Institute and State University, May 2011  
(expected).

### **Dissertations Chaired: Completed**

1. James Garrett, Ph.D., University of Georgia, 1983. Pupillometric Assessment: Novelty Effects or Preference? (committee co-chair).
2. Rose Huntzinger, Ph.D., Virginia Polytechnic Institute and State University, April, 1989. The Neuropsychological investigation of dyslexic readers: An experimental approach to subtyping.
3. David Gilley, Ph.D., Virginia Polytechnic Institute and State University, June, 1990. The

- evaluation of depression among subcortical and cortical dementia subtypes.
4. Christine McDowell, Ph.D., Virginia Polytechnic Institute and State University, May, 1991. Right hemisphere decline in the perception of emotion as a function of age
  5. John D. Alden, Ph.D., Virginia Polytechnic Institute and State University, April, 1993. Hemispheric reactivity to bright light exposure: A test of the relationship between age hemi-activation and depression.
  6. W. David Crews, Jr., Ph.D., Virginia Polytechnic Institute and State University, April, 1995. Neuropsychological effects of depression on women.
  7. George J. Demakis, Ph.D., Virginia Polytechnic Institute and State University, 1995. A neuropsychological investigation of verbal and nonverbal fluency: Perspectives on asymmetries in frontal lobe functioning.
  8. Kathryn Snyder, Ph.D., Virginia Polytechnic Institute and State University, 1996. The Auditory Affective Verbal Learning Test (AAVLT): Peripheral arousal correlates and implications for the lateralized priming of dichotic prosody identification.
  9. Matthew L. Herridge, Ph.D., Virginia Polytechnic Institute and State University, May, 1996. The effects of hostility and arousal on facial affect perception: A test of a neuropsychological model of hostility.
  10. Carol S. Emerson, Ph.D., Virginia Polytechnic Institute and State University, May, 1996. Sensory and cognitive processing deficits in anxious depressed children: A neurobehavioral study.
  11. D. Erik Everhart, Ph.D., Virginia Polytechnic Institute and State University, 1998. Cerebral regulation of cardiovascular functioning and fluency among anxious and nonanxious men. Department of Psychology, East Carolina University.
  12. Heath Demaree, Ph.D., Virginia Polytechnic Institute and State University, 1998. Analysis of quantitative electroencephalographic and cardiovascular responses to stress among low- and high-hostiles.
  13. Brian Shenal, Ph.D., Virginia Polytechnic Institute and State University, May, 2001. Dynamic effects of stress and hostility: Group differences in cardiovascular regulation and learning.
  14. Dane Higgins, Ph.D., Virginia Polytechnic Institute and State University, May, 2002. A neuropsychological investigation of sex differences in cardiovascular reactivity to verbal and spatial fluency tasks: Testing a new model of sex differences in cardiovascular regulation and disease.
  15. John B. Williamson, Ph.D., Virginia Polytechnic Institute and State University, May, 2004. The influence of lateralized stressors on cardiovascular regulation and perception in high and low hostile men.

16. Paul Foster, Ph.D., Virginia Polytechnic Institute and State University, May, 2004.  
Quantitative electroencephalogram responses and reaction-induced increases in cardiovascular reactivity in low- and high-hostility levels.
17. Gina Mollet, Ph.D., Virginia Polytechnic Institute and State University, May, 2006.  
Neuropsychological effects of hostility and pain on emotional perception.
18. Alissa Kate Holland, Ph.D., Virginia Polytechnic Institute and State University, May, 2008.  
A functional cerebral systems approach to hostility: Changes in frontal lobe delta activation and fluency performance as a function of stress.
19. David E. Cox, Ph.D., Virginia Polytechnic Institute and State University, May, 2008.  
Neuropsychological and psychophysiological correlates of anger expression styles.
20. Robert Walters, Ph.D., Virginia Polytechnic Institute and State University, June, 2009.  
Neuropsychological and psychophysiological correlates of anger expression styles.

#### **Theses Chaired: Current**

1. Naeem Thompson, M.S., Virginia Polytechnic Institute and State University, Dec., 2009  
(expected).
2. Philip Klineburger, M. S., Virginia Polytechnic Institute and State University, May, 2010  
(expected).

#### **Theses Chaired: Completed**

1. Vicki Bunce, M.S., Virginia Polytechnic Institute and State University, June, 1988. Child-directed vs adult-directed speech: Effects on the self-esteem and task performances of elderly adults. (Research Scientist and Manager at Fu Associates, Alexandria, VA.)
2. Louis Hagopian, M.S., Virginia Polytechnic Institute and State University, November, 1988.  
Reading disabilities with and without attentional deficits: A comparison of laterality and selective attention. Currently a Clinical Child Psychologist at the Kennedy Institute.
3. David Shapiro, M.S., Virginia Polytechnic Institute and State University, April, 1989. Age differences in hemispheric lateralization measures as a function of sensory condition. Recipient of the Cunningham Thesis Research Award. Employed as an Assistant Professor at an Australian university (by report only).
4. Carol Emerson, M.S., Virginia Polytechnic Institute and State University, December, 1989.

Anger and Denial as Predictors of Cardiovascular Reactivity in Women.

5. W. David Crews, M.S., Virginia Polytechnic Institute and State University, May, 1993. Cerebral asymmetry in facial affect perception of women: Neuropsychological effects of depression.
6. George Demakis, M.S., Virginia Polytechnic Institute and State University, May, 1993. The effect of selective hemispheric activation on functional cerebral asymmetries.
7. Matthew Herridge, M.S., Virginia Polytechnic Institute and State University, May, 1993. Hostility, facial configuration, and bilateral asymmetry on galvanic skin response.
8. Katherine Snyder, M.S., Virginia Polytechnic Institute and State University, 1993. Propositional and prosodic differences among fluent and nonfluent dyslexics.
9. Heath Demaree, M.S., Virginia Polytechnic Institute and State University, May, 1995. Behavioral, physiological, and neuropsychological correlates of hostility.
10. D. Erik Everhart, M.S., Virginia Polytechnic Institute and State University, 1995. Neuropsychological effects of anxiety without depression on facial affect perception.
11. Robert Rhodes, M.S., Virginia Polytechnic Institute and State University, May, 1998. Reactivity and recovery of physiological and neuropsychological variables as a function of hostility.
12. Brian Shenal, M.S., Virginia Polytechnic Institute and State University, May, 1998. The dynamic cerebral laterality effect: Group differences in hostility, cardiovascular regulation, and sensory recognition.
13. Dane Higgins, M.S., Virginia Polytechnic Institute and State University, May, 1999. Sex differences in cardiovascular reactivity to cold pressor pain: Evidence for dynamic functional cerebral laterality.
14. John B. Williamson, M.S., Virginia Polytechnic Institute and State University, December, 1999. Functional cerebral asymmetry in hostility: A dual task approach with fluency and cardiovascular regulation.
15. Alison Beck, M.S., Virginia Polytechnic Institute and State University, May, 2003. An investigation of premotor frontal eye field regulation of rapid eye movements in high and low hostile participants.
16. Gina Mollet, M.S., Virginia Polytechnic Institute and State University, May 2004. Hostility and negative emotion induction: Implications for verbal learning and cardiovascular regulation.
17. Robert Walters, M.S., Virginia Polytechnic Institute and State University, May 2005. Glucose regulation among high and low hostile groups.
18. Joseph Carmona, M.S., Right hemisphere activation to rotary stress in high and low hostile

men. Virginia Polytechnic Institute and State University, May 2006.

## **INSTITUTIONAL SERVICE**

### **Department**

2006-pres- Member, Student Activities Report Review Committee  
 1998-pres- Chair, Human Subjects Committee  
 1998-pres- Member, Ethics Committee  
 1993-pres- Member, Committee for Teaching Excellence  
 1993-pres- Member, Honorifics Committee  
 1985-pres- Faculty, Clinical Psychology Program  
 1994-pres- Faculty, Psychological Sciences Program  
 1985-pres- Member, Graduate Core Curriculum and Doctoral Admissions Committees  
 1985-pres- Director, Laboratory of Neuropsychology  
 1985-pres- Member, Introductory Psychology Textbook Committee  
 1991-2003 Member, Facilities Planning Committee  
 2000-2001 Member, Department Personnel Committee  
 2000-2001 Member, Department Chair Search Committee  
 1998-2000 Member, Clinical Curriculum Development Committee  
 1997-2001 Chair, Selection Committee, Clinical Graduate Student Admissions  
 1996-1998 Member, Human Subjects Committee  
 1995-1998 Chair, Ethics Committee  
 1991-1993 Director, Undergraduate Studies  
 1991-1993 Director, Undergraduate Activities Committee  
 1991-1993 Member, Executive Committee  
 1988-1992 Member, Colloquium Committee  
 1987-1991 Chair, Selection Committee, Clinical Graduate Admissions  
 1987-1990 Child Study Center Planning Committee  
 1987-1992 Undergraduate Honors, Coordinator  
 1985-1986 Member, Clinical Psychology Faculty Search Committee  
 1985-1986 Committee for Undergraduate Studies

### **University**

1985-pres- Faculty Affiliate, Center for Gerontology  
 1987-pres- Faculty representative to Phi Kappa Phi.  
 1991-2003 Premedical/veterinary/dental student advisory committee. Annual interviews and

letters of evaluation written to support applicants to medical school.

- 1994-1997 Chair, Research and Instruction Committee for implementation of the Memorandum of Agreement among Warm Hearth, Inc., Virginia Tech, Radford University, and New River Community College.
- 1989-1993 Neuropsychological determination of learning disabilities; assessment and reports provided to Wayne Speer, Assistant Dean of Student Affairs, Special Services.
- 1987-1992 Member, Biomedical Research Grant Review Committee, a National Institute of Health subgrant.
- 1986-1987 Undergraduate Affairs Committee: Coordinator of proposals for Undergraduate Handbook, College and University Core Matters.

## **OUTREACH & EXTENSION**

### **Clinical & Internet Services**

Cognicheck: A fully standardized web based neuropsychological assessment of memory function.

“The Memory Clinic” offered through regional facilities including Lewis Gale Medical Center.

Memory screening outreach program for Alzheimer’s and dementia screenings.

Clinical Neuropsychological Services provided to Lewis Gale Medical Center. Over 2000 patients (cumulative) followed for diagnosis, treatment, and multidisciplinary rehabilitation team coordination for traumatic brain injury, cerebrovascular accident, encephalopathy, dementia, neoplasm, and other brain disorders.

Expert witness testimony provided on patients above.

Service provision to Salem VAMC, Regional Head Injury and nursing home facilities.

### **Press Releases**

#### **Note: These are Samples of Press Releases**

Harrison, D. W. (1985). Post-holiday depression is preventable. Article distributed by Virginia Tech Information Office (Sally Harris, Editor).

Harrison, D. W. (1985). Channel 7 News interview on seasonal depression.

Harrison, D. W. (1986). Tech psychology professor warns of home blood pressure kit problems.

Article distributed by Virginia Tech Information Office (Sally Harris, Editor).

- Harrison, D. W. (1987, October). Brain research may aid technology. Virginia Press Services (article prepared and distributed by the College of Engineering at Virginia Tech).
- Harrison, D. W. (1988). Changes in environment are more stressful for the elderly. Article distributed by Virginia Tech Information Office (Sally Harris, Editor).
- Harrison, D. W. (1989, December). Be skeptical when buying a home blood pressure measuring device and make sure it works. They are not all the same. In the Virginia Cooperative Extension Service Elderly Packet (Mary Ann Johnson, Editor).
- Harrison, D. W. (1991, July). Monitoring your blood pressure at home or work. The Technical Eye, College of Engineering Newsletter and statewide press release (Ho, Editor).
- Harrison, D. W. (1993). Behavioral and emotional correlates of reduced illumination and daylight savings time. Interview presented on public broadcasting (radio), Virginia Tech, November.
- Harrison, D. W. (1994). Seasonal depression. Article distributed by Virginia Tech Information Office (Sally Harris, Editor).
- Harrison, D. W. (1995). Channel 10 WSLs - interview on rehabilitation at the Lewis Gale Hospital Rehabilitation Unit.
- Demaree, H. A., & Harrison, D. W. (1998). Psychology Today.
- Demaree, H. A., & Harrison, D. W. (1999). How to control anger. New Woman.
- Crews, W.D., Harrison, D.W., & Rhodes, R. (2000). Free memory screening. Roanoke Times.
- Crews, W. D., Harrison, D. W., & Rhodes, R. D. (2000). The memory clinic. Channel 7 News.
- Crews, W. D., & Harrison, D. W. (2002). The Cranberry Project. WSLs-TV 10 News.
- Crews, W. D., & Harrison, D. W. (2002). The Cranberry Project. The Virginia Tech Spectrum and statewide news release.
- Crews, W. D., & Harrison, D. W. (2004). Cogni-Check: A Fully Standardized Online Assessment of Memory. The Lynchburg Times.
- Crews, W. D., & Harrison, D. W. (2005). Think You Forget Too Much? Web Site Offers Memory Test. The Roanoke Times: Business Section.
- Crews, W. D., & Harrison, D. W. (2006). The Hershey Project. Channel 7 News, Channel 10 News, Channel 12 News. Local and regional radio stations in southwestern Virginia.
- Crews, W. D., & Harrison, D. W. (2008). Dark chocolate gets pulses racing. Confectionary News, Breaking News on Confectionary & Biscuit Processing, by Linda Rano.
- Crews, W. D., & Harrison, D. W. (2008). Chocolate makes heart beat faster. The Danville News & Advance, by Cynthia Pegram.