

CURRICULUM VITAE
JENNIFER DUNCAN DAVIS, PH.D.

Business Address Neuropsychology Program
 Department of Psychiatry
 Rhode Island Hospital
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EDUCATION

Undergraduate Bates College, Biopsychology, B.A., May 1993, High Honors in
 Biopsychology Honors Thesis: *Progesterone Metabolites, Effective at the*
 GABA_A Receptor, alter Pain Sensitivity in Female Rats.

Graduate University of Utah, Clinical Psychology, M.A., 1998
 Thesis: *Motor Memory Deficits in Huntington's Disease: Implications for the*
 Role of the Caudate Nucleus in Explicit Memory

University of Utah, Clinical Psychology (Neuropsychology Specialization),
Ph.D., 2001
Dissertation: *Material-Specific Memory Profiles in Huntington's Disease:
Patterns of Impairment for Visuomotor and Visuospatial Information*

INTERNSHIP AND POST-GRADUATE TRAINING

Internship: The Warren Alpert Medical School of Brown University, Clinical Psychology
 Training Consortium,
 Providence, RI; Specialty Track in Neuropsychology (APA Accredited).
 7/1/00 to 6/30/01

Postdoctoral Fellowship: The Warren Alpert Medical School of Brown University and Rhode Island
 Hospital, Providence, RI; Clinical and Research Neuropsychology. 7/01/01-
 6/30/03

Research Fellowship: The Warren Alpert Medical School of Brown University, Department of
 Psychiatry and Human Behavior, Providence, RI; NIH-Funded Training
 Fellowship (T32) in Dementia. 8/01/03-8/31/2005.

POSTGRADUATE HONORS AND AWARDS

Dean's Excellence in Teaching Award, Alpert Medical School of Brown University (2010)
Career Development Award, American Neuropsychiatric Association (2002)

PROFESSIONAL LICENSES

Licensed Psychologist, Rhode Island #PS00820 (2003)

ACADEMIC APPOINTMENTS

Assistant Professor (Clinical) 12/1/05 -
Department of Psychiatry and Human Behavior
Alpert Medical School at Brown University
Providence, RI

HOSPITAL APPOINTMENTS

Staff Neuropsychologist 8/1/03 -
Department of Psychiatry
Division of Neuropsychology
Rhode Island Hospital
Providence, RI

Staff Neuropsychologist 6/30/2010-
Psychiatry and Behavioral Medicine
The Miriam Hospital
Providence, RI

OTHER APPOINTMENTS

Member, Initial Review Board of the Medical and Scientific Advisory Council
National Alzheimer's Association
Chicago, IL
2006 -

Member, Cognitive Writing Group
PREDICT Huntington's Disease Study (Jane Paulsen, PI)
2009-2012

Member, Membership Committee
American Neuropsychiatric Association
2009 -

Moderator, Special Interest Group in Dementia
American Neuropsychiatric Association
2009-

Poster Program Reviewer
Gerontological Society of America
2012

Poster Program Reviewer
National Academy of Neuropsychology
2012

AD HOC JOURNAL REFEREE

Age and Ageing; American Journal of Psychiatry; Archives of Clinical Neuropsychology; Archives of General Psychiatry; Clinical Endocrinology; Psychiatry Research; International Psychogeriatrics; Neuroimaging; Psychoneuroendocrinology; Neuropsychology

MEMBERSHIP IN SOCIETIES

American Neuropsychiatric Association
American Psychological Association
Division 40, Clinical Neuropsychology
Gerontological Society of America
International Neuropsychological Society
National Academy of Neuropsychology

PUBLICATIONS LIST (*Past and current students and trainees noted in italics*)

ORIGINAL PUBLICATIONS IN PEER REVIEWED JOURNALS

1. Frye, C. A. & **Duncan, J. E.** (1994). Progesterone metabolites, effective at the GABAA receptor, alter pain sensitivity in female rats. Brain Research, 643, 194-203. PMID:8032914
2. Frye, C. A., **Duncan, J. E.**, Basham, M., & Erskine, M. S. (1996). Behavioral effects of 3 α -androstane-20-one: Hypothalamic and preoptic area actions via a GABAergic mechanism. Behavioral Brain Research, 79, 119-130. PMID:8883823
3. Frye, C.A. & **Duncan, J.E.** (1996). Estradiol benzoate potentiates neuroactive steroids' effects on pain sensitivity. Pharmacology, Biochemistry, and Behavior, 53, 27-32. PMID:8848456
4. Proctor, S.P., White, R.F., Wolfe, J., Heeren, T., Sullivan, M., & **Davis, J.D.** (1996). Current health symptom reporting by Persian Gulf-deployed and Germany-deployed veterans. Epidemiology, 7, S37.
5. Filoteo, J.V., Rilling, L.M., Cole, B., Williams, B.J., **Davis, J.D.**, & Roberts, J.W. (1997). Variable memory profiles in Parkinson's disease. Journal of Clinical and Experimental Neuropsychology, 19, 878-888. PMID:9524882
6. Wolfe, J., Proctor, S. P., **Davis, J.D.**, Borgos, M.S., & Friedman, M. (1998). Health symptoms reported by Persian Gulf War veterans two years after return. American Journal of Industrial Medicine, 33, 104-113. PMID:9438043
7. Proctor, S.P., Heeren, T., White, R.F., Wolfe, J., Borgos, M.S., **Davis, J.D.**, Pepper, L., Sutker, P., Vasterling, J., & Ozonoff, D. (1998). Health status of Persian Gulf War veterans: Self-reported symptoms, environmental exposures, and the effect of stress. International Journal of Epidemiology, 27, 1000-1010. PMID:10024195
8. Paul, R.H., Cohen, R.A., Ott, B.R., Zawicki, T., Morse, D.J., **Davis, J.D.**, Gordon, N., & Stone, W. (2000). Cognitive and functional status in two subtypes of vascular dementia. Neurorehabilitation, 15, 199-205. PMID:11455096
9. Filoteo, J.V., Maddox, W.T., & **Davis, J.D.** (2001). Quantitative modeling of category learning in amnesic patients. Journal of the International Neuropsychological Society, 7, 1-19. PMID:11253835
10. Filoteo, J.V., Maddox, W.T., & **Davis, J.D.** (2001). A possible role of the striatum in linear and nonlinear category learning: Evidence from patients with Huntington's disease. Behavioral Neuroscience, 115, 786-798. PMID:11508718

11. **Davis, J.D.**, Filoteo, J.V., Kesner, R.P., & Roberts, J.W. (2003). Recognition memory for hand positions and spatial locations in patients with Huntington's disease: Differential visuospatial memory impairment? Cortex, *39*, 239-253. PMID:12784887
12. Filoteo, J.V., Friedrich, F.J., Rilling, L.M., **Davis, J.D.**, Stricker, J.L., & Prenovitz, M. (2003). Semantic and cross-case priming in patients with Parkinson's disease. Journal of Clinical and Experimental Neuropsychology, *25*, 441-456. PMID:12911099
13. Aloia, M.S., Arnedt, J.T., **Davis, J.D.**, Riggs, R.L., & Byrd, D. (2004). Neuropsychological sequelae of obstructive sleep apnea-hypopnea syndrome: A critical review. Journal of the International Neuropsychological Society, *10*, 722-785. PMID:15327723
14. Stern, R.A., **Davis, J.D.**, Rogers, B.L., Smith, K.M., Harrington, C., Ott, B.R., Jackson, I.M.D., & Prange, A.R. (2004). Preliminary study of the relationship between thyroid status and cognitive and neuropsychiatric functioning in euthyroid patients with Alzheimer's dementia. Cognitive and Behavioral Neurology, *17*, 219-223. PMID:15622018
15. Possin, K.L., Filoteo, J.V., Roesch, S.C., Zizak, V., Rilling, L.M., & **Davis, J.D.** (2005). Is a perseveration a perseveration? An evaluation of cognitive error types in patients with subcortical pathology. Journal of Clinical and Experimental Neuropsychology, *27*(8), 953-966. PMID:16207620
16. Zizak, V.S., Filoteo, J.V., Possin, K.L., Lucas, J.A., Rilling, L.M., **Davis, J.D.**, Peavy, G., Wong, A., Salmon, D.P. (2005). The ubiquity of memory retrieval deficits in patients with frontal-striatal dysfunction. Cognitive and Behavioral Neurology, *18*(4), 198-205. PMID:16340392
17. Tremont, G., **Davis, J.D.**, & Bishop, D.S. (2006). Unique contribution of family functioning in caregivers of patients with mild to moderate dementia. Dementia and Geriatric Cognitive Disorders, *21*, 170-174. PMID:16397397
18. Spitznagel, M.B., Tremont, G., **Davis, J.D.**, & Foster, S.M. (2006). Psychosocial predictors of dementia caregiver desire to institutionalize: Caregiver, care recipient, and family relationship factors. Journal of Geriatric Psychiatry and Neurology, *19*(1), 16-20. PMID:16449755
19. Temple, R.O., **Davis, J.D.**, Silverman, I., & Tremont, G.T. (2006). Differential impact of executive function on visual memory tasks. The Clinical Neuropsychologist, *20*(3), 480-490. PMID:16895860
20. **Davis, J.D.**, Tremont, G. (2007). Impact of frontal systems behavioral functioning in dementia on caregiver burden. Journal of Neuropsychiatry and Clinical Neurosciences, *19*, 43-49. PMID:17308226
21. **Davis, J.D.**, Filoteo, J.V., Kesner, R.P. (2007). Is short-term memory for discrete arm movements impaired in Huntington's disease? Cortex, *43*, 255-263. PMID:17405671
22. *Steadman, P.S.*, Tremont, G., **Davis, J.D.** (2007). Premorbid relationship satisfaction affects caregiver burden in dementia caregivers. Journal of Geriatric Psychiatry and Neurology, *20*, 115-119.
23. *Williams, V.G.*, *Bruce, J.M.*, Westervelt, H.J., **Davis, J.D.**, Grace, J., Malloy, P.F., Tremont, G. (2007). Boston Naming performance distinguishes between Lewy Body and Alzheimer's dementias. Archives of Clinical Neuropsychology, *22*, 925-931. PMID:17681741

24. Ott, R.B., Festa, E.K., Amick, M.M., Grace, J., **Davis, J.D.**, Heindel, W.C. (2008). Computerized maze navigation and on-road performance by drivers with dementia. Journal of Geriatric Psychiatry and Neurology, *21*, 18-25. PMID:18287166
25. Bruce, J.M., Bhalla, R., Westervelt, H., **Davis, J.D.**, Williams, V., Tremont, G. (2008). Neuropsychological correlates of self-reported depression and self-reported cognition among patients with mild cognitive impairment. Journal of Geriatric Psychiatry and Neurology, *21*, 34-40. PMID:18287168
26. Tremont, G., **Davis, J.D.**, Bishop, D.S., Fortinsky, R. (2008). A Telephone-delivered psychosocial intervention reduces burden in dementia caregivers. Dementia: The International Journal of Social Research and Practice, *7(4)*, 503-520. PMID:20228893
27. Epstein-Lubow, G., **Davis, J.D.**, Miller, I.W., Tremont, G. (2008). Persisting burden predicts depression in dementia caregivers. Journal of Geriatric Psychiatry and Neurology, *21(3)*, 198-203. PMID:18838742
28. Ott B.R., Heindel W.C., Papandonatos G., Festa E.K., Davis J.D., Daiello L.A., Morris J.C. (2008). A longitudinal study of drivers with dementia. Neurology, *70*, 1171-1178. PMID:18216302
29. **Davis, J.D.**, Podolanczuk, A., Donahue, J.E., Stopa, E., Hennessey, J.V., Luo, L.G., Lim, Y.P., & Stern, R.A. (2008). Thyroid hormone concentrations in prefrontal cortex of post mortem brains of Alzheimer's disease patients and controls. Current Aging Science, *1(3)*, 175-181. PMID:20021390
30. **Davis, J.D.**, Tremont, G., Bishop, D.S., Fortinsky, R.H. (2011). A telephone-delivered psychosocial intervention improves dementia caregiver adjustment following nursing home placement. International Journal of Geriatric Psychiatry, *26(4)*, 380-387. PMID:20842759
31. LaFrance, W.C., Jr., Alosco, M.L., **Davis, J.D.**, Tremont, G., Ryan, C.E., Keitner, G.I., Miller, I.W., Blum, A.S. (2011). Impact of family functioning on quality of life in patients with psychogenic nonepileptic seizures versus epilepsy. Epilepsia, *52(2)*, 292-300. PMID:21299547
32. Tremont, G., Smith, M. M., Bauer, L., Alosco, M. L., **Davis, J. D.**, Blum, A. S., & LaFrance, W.C., Jr. (2012). Comparison of personality characteristics on the Bear-Fedio Inventory between patients with epilepsy and non-epileptic seizures. Journal of Neuropsychiatry and Clinical Neurosciences, *21(1)*, 47-52. PMID:22450613
33. Ott, B.R., Papandonatos, G.P., **Davis, J.D.**, Barco, P.P., Carr, D.B. (2012). Naturalistic validation of an on-road driving test of older drivers. Human Factors: The Journal of Human Factors and Ergonomics Society, *54(4)*, 663-674.
34. LaFrance Jr, W.C., Lancman G., Machan J.T., **Davis J.D.**, Blum A.S. (2012). Depression symptoms as a function of duration of intractable or controlled epilepsy. Epilepsy and Behavior, *24*, 116-119 PMID: 22516797
35. **Davis, J.D.**, Papandonatos, G.D., Miller, L.A., Hewitt, S.D., Festa, E.K., Heindel, W.C., Ott, B.R. (2012). Road test and home driving performance in healthy and cognitively impaired older adults: Does environment matter? Journal of the American Geriatrics Society, *60*, 2056-2062.
36. Carvalho, J.O., Tan, J.E., Springate, B.A., & **Davis, J.D.** (2013). Self-reported depressive syndromes in mild cognitive impairment and mild Alzheimer's disease. International Psychogeriatrics, *25 (3)*, 436-444.

37. Festa, E.K., Ott, B.R., *Manning, K.J.*, **Davis, J.D.**, & Heindel, W.C. (2013). Effect of cognitive status on self-regulatory driving behavior in older adults: An assessment of naturalistic driving using in-car video recordings. Journal of Geriatric Psychiatry and Neurology, *26*(1) 10-18. 10.1177/0891988712473801.
38. Ott, B.R., **Davis, J.D.**, Papandonatos, G.D., Hewitt, S., Festa, E.K., Heindel, W.C., Snellgrove, C.A., Carr, D.B. (in press). ADReS prediction of unsafe driving in older adults in the office setting. Journal of the American Geriatrics Society.

OTHER PEER-REVIEWED PUBLICATIONS

1. Tremont, G., Stern, R.A., Westervelt, H.J., Bishop, C.L., & **Davis, J.D.** (2003). Neurobehavioral functioning in thyroid disorders. Medicine and Health, Rhode Island, *86*, 318-322. PMID:14626862
2. **Davis, J.D.**, Stern, R.A., & Flashman, L. (2003). Cognitive and neuropsychiatric aspects of subclinical hypothyroidism: Significance in the elderly. Current Psychiatry Reports, *5*, 384-390. PMID:13678560
3. **Davis, J.D.** & Tremont, G. (2007). Neuropsychiatric aspects of hypothyroidism and treatment reversibility. Minerva Endocrinologica, *32*(1), 49-65. PMID:17353866
4. **Davis, J.D.** & Curtin, A.J. (2011). Family and professional caregiving of individuals with dementia in the long-term care setting. Medicine and Health, Rhode Island, *94*, 38-40. PMID:21456373

BOOKS AND BOOK CHAPTERS

1. Tremont, G., **Davis, J.D.**, & Spitznagel, M.B. (2004). Understanding and managing caregiver burden in cerebrovascular disease. In R.H. Paul, R.A. Cohen, B.R. Ott, & S. Salloway (Eds.) Vascular Dementia: Cerebrovascular Mechanisms and Clinical Management, Humana Press Inc., New Jersey.
2. Erlanger, D.M., Tremont, G., **Davis, J.D.** (2010). Neuropsychology of endocrine disorders. In P.W. Halligan, U. Kischka, J.C., Marshall (Eds.) Handbook of Clinical Neuropsychology, 2nd Edition, Oxford University Press, New York.
3. Tremont, G., **Davis, J.D.**, & Trask, C. (2010). Lifespan aspects of endocrine disorders. In S. Hunter & J. Donders (Eds), Principles and Practice of Lifespan Developmental Neuropsychology. Cambridge: Cambridge University Press.
4. Tremont, G. & **Davis, J.D.** (2012). The role of caregivers in the treatment of patients with dementia. In C.A. Noggle & R.S. Dean (Eds.), The Neuropsychology of Cortical Dementias. New York: Springer Press.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Hennessey, J.V., **Davis, J.D.**, Tremont, G. (2006). Neuropsychological function and symptoms in subjects with subclinical hypothyroidism, Letter to the Editor in response to Jorde et al., Journal of Clinical Endocrinology and Metabolism, *91*, 145-153, electronic publication.

PUBLICATIONS SUBMITTED

1. *Manning, K.J., Davis, J.D., Papandonatos, G.D., & Ott, B.R.* (submitted). Clock Drawing As a Screen for Impaired Driving in Aging and Dementia: Is It Worth The Time?"
2. Tremont, G., **Davis, J.**, Papandonatos, G.D., Grover, C. Ott, B.R., Fortinsky, R.H., Gozalo, P., & Bishop, D.S. (submitted). A Telephone Intervention for Dementia Caregivers: Background, Design, and Baseline Characteristics.
3. Rathier, L.A., **Davis, J.D.**, Grover, C., Tremont, G. (submitted). Religious Coping in Caregivers of Family Members with Dementia.
4. Jackson, C.E., Davis, J.D., Tremont, G. (submitted). Distressed adult-child and spouse dementia caregivers experience burden and depression differently.

ABSTRACTS (Past and current students and trainees noted in italics)

1. **Duncan, J.E.** & Frye, C.A. (1993). Progesterone metabolites, effective at the GABA_A receptor, alter pain sensitivity in female rats. Society for Neuroscience Abstracts, 19(2), 1539.
2. Wolfe, J., Proctor, S., **Duncan, J.**, Sullivan, M., & White, R. (1996). Association of PTSD with health complaints and cognitive deficits following Persian Gulf deployment. Journal of the International Neuropsychological Society, 2(1), 67.
3. White, R.F., Krengel, M., Wolfe, J., Proctor, S., Heeren, T., Borgos, M.S., **Davis, J.D.**, Pepper, L., Vasterling, J., Sutker, P., & Ozonoff, D. (1998). Neuropsychological findings among Persian Gulf-era veterans. Journal of the International Neuropsychological Society, 4(1), 22.
4. Burr, R.B., **Davis, J.D.**, Rilling, L.M., Fargo, J., Dean, A.C., Matsuo, F., Heilbrun, P., & Gross, R. (1999). Psychological profiles in the epileptic population using the Personality Assessment Inventory (PAI). Epilepsia, 40(Suppl 7), 45.
5. Smith, L., **Davis, J.**, Rilling, L., Rourke, S., & Filoteo, V. (1999). Retrieval processes in patients with subcortical neuropathology. Journal of the International Neuropsychological Society, 5(2), 95.
6. Rilling, L.M. & **Davis, J.D.** (1999). Wisconsin card sorting test performance in patients with Parkinson's disease and Huntington's disease: An analysis of patterns of impairment. Archives of Neuropsychology, 14(8), 635-636.
7. **Davis, J.D.**, Filoteo, J.V., Rilling, L.M., & Roberts, J.W. (1999). Rate of forgetting for visuospatial information in patients with Huntington's disease. Archives of Neuropsychology, 14(8), 635.
8. Aloia, M.S., Arnedt, J.T., **Davis, J.D.**, Malloy, P.F., Salloway, S., & Rogg, J. (2001). MRI white matter hyperintensities in older adults with obstructive sleep apnea. Sleep, 24, A55.
9. Filoteo, J.V., Friedrich, F.J., Rilling, L.M., **Davis, J.D.**, Stricker, J.L., & Prenovitz, M. (2002). Word priming in patients with Parkinson's disease. Journal of the International Neuropsychological Society, 8, 316.

10. **Davis, J.D.**, Filoteo, J.V., Fargo, J., & Kesner, R.P. (2002). Object-location memory in Huntington's disease: Examination of encoding, retention, and recognition processes. Journal of the International Neuropsychological Society, *8*, 147.
11. Podolanczuk, A., **Davis, J.D.**, Stopa, E., Hennessey, J.V., Luo, L.G., Lim, Y.P., & Stern, R.A. (2003). Thyroid hormone concentrations in prefrontal cortex of post mortem brains of Alzheimer's disease patients and controls. Journal of Neuropsychiatry and Clinical Neurosciences, *15(2)*, 272.
12. Stern, R.A., **Davis, J.D.**, Rogers, B.L., Smith, K.M., Harrington, C.J., Ott, B.R., & Prange, Jr., A.J. (2003). A double-blind study of thyroxine in the treatment of Alzheimer's dementia. Journal of Neuropsychiatry and Clinical Neurosciences, *15(2)*, 272.
13. **Davis, J.D.** & Stern, R.A. (2003). A case of apparent progressive cognitive decline in an older woman with multiple treated endocrinopathies: Importance of considering endocrine status in diagnosing dementia. Journal of Neuropsychiatry and Clinical Neurosciences, *15(2)*, 268.
14. Tremont, G., Westervelt, H.J., **Davis, J.D.**, Macaulay, C., & Stern, R.A. (2003). Effect of the neuropsychological evaluation on self-report of cognitive difficulties in early dementia. Archives of Clinical Neuropsychology, *18(7)*, 703.
15. Tremont, G., **Davis, J.D.**, Slavin, C.M., Blum, A. (2003). Impact of material specific memory on the validity of the intracarotid amobarbital procedure. Epilepsia, *44*, 296.
16. Tremont, G., **Davis, J.D.**, Slavin, C.M., Bishop, D. & Salloway, S. (2004). Family functioning as a predictor of burden in caregivers of patients with mild to moderate dementia. Journal of the International Neuropsychological Society, *10(S1)*, 14.
17. **Davis, J.D.**, Tremont, G., Westervelt, H.J., Slavin, C.M., & Jefferson, A.L. (2004). Utility of cognitive screening measures in discriminating dementia subtypes. Journal of the International Neuropsychological Society, *10(S1)*, 14.
18. **Davis, J.D.**, Tremont, G., Slavin, C.M., & Salloway, S. (2004). Caregiver perception of executive dysfunction and behavioral problems as predictors of burden in dementia caregivers. Journal of Neuropsychiatry and Clinical Neurosciences, *16*, 219.
19. Silverman, I., Temple, R.O., **Davis, J.D.**, & Tremont, G. (2004). Differential impact of executive function on visual memory tasks. Archives of Clinical Neuropsychology, *19*, 916.
20. Bhalla, R.K., Tremont, G.T., Westervelt, H.K., & **Davis, J.D.** (2005). Frontal systems behavioral dysfunction and depression in MCI amnesic vs. MCI other. Journal of the International Neuropsychological Society, *11(S1)*, 13.
21. *Spitznagel, M.B.*, Tremont, G., Temple, R., *Brown, L.B.*, Gunstad, J., Westervelt, H.J., & **Davis, J.D.** (2005). Cognitive Reserve Moderates the Relationship Between Depression and Awareness of Deficits in Dementia. Journal of the International Neuropsychological Society, *11(S1)*, 107.
22. *Steadman, P.L.*, Tremont, G., & **Davis, J.D.** (2005). Relationship satisfaction affects caregiver burden in dementia caregivers. Journal of Neuropsychiatry and Clinical Neurosciences, *15(2)*, 272.

23. *Spitznagel, M.B., Tremont, G., Davis, J.D., & Foster, S.M. (2005). Predictors of caregiver desire to institutionalize. Journal of Neuropsychiatry and Clinical Neurosciences, 15(2), 271.*
24. *Spitznagel, M.B., Gunstad, J., Carvalho, J., Brown, L.B., Davis, J.D., & Tremont, G. (2006). Impaired awareness in dementia patients predicts caregiver burden. Journal of the International Neuropsychological Society, 12(S1), 51.*
25. *LaFrance, W.C., Jr., Davis, J.D., Tremont, G., Blum, A.S., Ryan, C., Kelley, J., & Keitner, G.I. (2006). Family functioning in medically controlled versus intractable epilepsy. Journal of the International Neuropsychological Society, 12(S1), 96.*
26. *Bruce, J., Tremont, G., Bhalla, R., Westervelt, H., Davis, J., Williams, V. (2006). Neuropsychological correlates of self-reported depression among patients with mild cognitive impairment. Archives of Clinical Neuropsychology, 21, 586.*
27. *Davis, J.D., Tremont, G., Ott, B.R., Festa, E.K., Heindel, W.C. (2007). Longitudinal analysis of neuropsychological functioning and on-road performance in drivers with mild dementia. Journal of the International Neuropsychological Society.*
28. *Williams V.G., Bruce J.M., Westervelt H.J., Davis J.D., Grace J., Malloy P.F., Tremont G. (2007). Boston Naming Test performance distinguishes between Lewy Body and Alzheimer's dementias. Journal of the International Neuropsychological Society.*
29. *Smith M.M., Daiello L.A., Davis, J.D., Ott, B.R. (2007). Prediction of motor vehicle accidents in older adults enrolled in a study of driving and dementia. Archives of Clinical Neuropsychology, 22 (7), 884.*
30. *McQuiggan, MD., Davis, J.D., LaFrance, W.C., Tremont, G., Blum, A.S. (2008). Detecting depression in temporal lobe epilepsy. Journal of Neuropsychiatry and Clinical Neurosciences, 20, 3.*
31. *Davis, J.D., McQuiggan, M.D., Tremont, G., Blum, A.S., LaFrance, W.C., Ryan, C.E., Keitner, G.I. (2008). Cognitive burden of depression in temporal lobe epilepsy. Journal of Neuropsychiatry and Clinical Neurosciences, 20, 4.*
32. *Tremont, G., Davis, J., Becker, B., & Bock, B. (2009). Effects of yoga on cognitive functioning in older adults with memory complaints: Preliminary findings. Journal of the International Neuropsychological Society, 15 (Sup. 1), 61.*
33. *Smith, M.M., Bauer, L., Alosco, M., Tremont, G., Davis, J.D. (2010). Personality characteristics in patients with epileptic vs. nonepileptic seizures. Journal of the International Neuropsychological Society, 12 (Sup 1), 103.*
34. *Davis, J.D., Papandonatos, G.D., Miller, L.A., Knott, S.L., Festa, E.K., Heindel, W.C., Barco, P.P., & Ott, B.R. (2011). Road test and naturalistic driving behavior in older adults with and without memory loss: Environment Matters. Author Index, 39th Annual Meeting of the International Neuropsychological Society, Journal of the International Neuropsychological Society, 17, 335-357. doi: 10.1017/S1355617711000427.*

OTHER PRESENTATIONS (excluding those abstracts noted above)

1. **Duncan, J. E.** & Frye, C. A. (1993, November). Progesterone Metabolites, Effective at the GABA_A Receptor, Alter Pain Sensitivity in Female Rats. Poster presented at the annual meeting of the Society for Neuroscience, Washington DC.
2. **Duncan, J. E.** & Frye, C. A. (1994, March). Estrogen Potentiates the Effects of Neuroactive Metabolites on Pain but not Feeding. Poster presented at the annual meeting of the Boston Area Neuroscience Group, Boston.
3. Wolfe, J., Proctor, S. P., Brown, P., Kimerling, R., **Duncan, J.**, Sullivan, M., Chrestman, K., & White, R. F. (1994, May). Relationship of Physical Health and Post-traumatic Stress Disorder in Young Adult Women. Poster presented at the annual meeting of the American Psychological Association, Washington DC.
4. Chrestman, K., **Duncan, J. E.**, Sullivan, M. J., & Kamen, D. (1994, November). Risky Business: Primary and Secondary Traumatization in Trauma Therapists. Poster presented at the annual meeting of the International Society for Traumatic Stress Studies, Chicago.
5. Wolfe, J., Proctor, S., Sullivan, M., & **Davis, J.D.** (1995, March). Post-traumatic Stress and Physical Health: Does Gender Play a Role? Poster presented at the annual meeting of the Consolidated Department of Psychiatry Research Day, McLean Hospital, Boston.
6. Proctor, S.P., White, R.F., Wolfe, J., Heeren, T., Sullivan, M., & **Davis, J.D.** (1996, August). Current Health Symptom Reporting by Persian Gulf-Deployed and Germany-Deployed Veterans. Paper presented at the 8th annual meeting of the International Society for Environmental Epidemiology, Canada.
7. Filoteo, J.V., Maddox, W.T., **Davis, J.D.**, & Hopkins, R.O. (1996, March). Quantitative Modeling of Category Learning in a Patient with Medial Temporal Lobe Damage: Beyond Accuracy Scores. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco.
8. **Davis, J.D.**, Filoteo, J.V., & Kesner, R.P. (1996, March). Memory Impairment for Spatial Locations and Motor Movements in Patients with Huntington's Disease. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco.
9. Proctor, S.P., White, R.F., Wolfe, J., Heeren, T., Borgos, M.S., & **Davis, J.** (August, 1997). Health Symptom Reporting of Gulf War-Deployed and Germany-Deployed Veterans. In R.F. White and T. Gerrity (Chairs), Persian Gulf War Syndrome. Symposium conducted at the annual meeting of the American Psychological Association, Chicago, IL.
10. Kregel, M., White, R.F., Proctor, S.P., Borgos, M., **Davis, J.**, Heeren, T., & Wolfe, J. (August, 1997). Neuropsychological Findings in Gulf War-Deployed and Germany-Deployed Veterans. In R.F. White and T. Gerrity (Chairs), Persian Gulf War Syndrome. Symposium conducted at the annual meeting of the American Psychological Association, Chicago, IL.
11. White, R.F., Proctor, S.P., Wolfe, J., Kregel, M., Heeren, T., Sullivan, M., **Davis, J.D.**, Sutker, P., & Vasterling, J. (1997, November). Boston Environmental Hazards Center: Evaluation of Environmental Exposures and Cognitive Functioning in Persian Gulf War Veterans. Paper presented at the annual meeting of the American Public Health Association, Indianapolis.
12. Filoteo, J.V., Maddox, W.T., & **Davis, J.D.** (1998, April). Probabilistic Category Learning in Patients with Amnesia, Huntington's Disease, or Parkinson's Disease: The Role of the

Hippocampus and Basal Ganglia. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco.

13. **Davis, J.D.**, Filoteo, J.V., Rabbel, C.D., & Kesner, R.P. (1998, April). Motor memory impairment in Huntington's disease: Dissociation Between Kinesthetic and Visual Memory for Distance Estimation. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco.
14. Filoteo, J.V., Maddox, W.T., & **Davis, J.D.** (2000, March). Striatal Contribution to Categorical Learning. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco.
15. **Davis, J.D.**, Aloia, M.S., Arnedt, J.T., Millman, R.P., Malloy, P.F., Salloway, S. & Rogg, J. (2001, August). MRI White Matter Hyperintensities in Older Adults with Obstructive Sleep Apnea. Poster presented at the annual meeting of the American Psychological Association, San Francisco, CA.
16. Ott, B.R., Festa, E., Amick, M., Grace, J., **Davis, J.D.**, & Heindel, W.C. (2006, July). Computerized Maze Navigation and On-road Performance in Drivers with Dementia. Paper presented at the 10th International Conference on Alzheimer's Disease and Related Disorders, Madrid, Spain.
17. Tremont, G., **Davis, J.D.**, Bishop D., & Fortinsky, R.H. (2006). Efficacy of a Telephone-Delivered Psychosocial Intervention for Dementia Caregivers. Paper presented at the 59th Annual Scientific Meeting of the Gerontological Society of America, Dallas, TX.
18. *Williams, V., Bruce, J.M., Westervelt, H.J., Davis, J.D., Grace, J., Malloy, P.H., & Tremont, G.* (June, 2007). The Dementia Rating Scale-2 (DRS-2) Subscales Differentiate Dementia with Lewy Bodies and Alzheimer's Dementia. Paper presented at the Annual Meeting of the American Academy of Clinical Neuropsychology , Denver, CO.
19. Ott B.R., Heindel W.C., Papandonatos G., Festa E.K., **Davis J.D.**, Daiello L.A., Morris J.C. (October, 2007). A Longitudinal Study of Drivers with Dementia. Paper presented at the 132nd Annual Meeting of the American Neurological Association, Washington, DC.
20. Heindel, W.C., Festa, E.K., Set, S., Miller, L.A., **Davis, J.D.**, & Ott, B.R. (March 2009). Integrating Features Across and Within Cortical Streams in Visual Search: Differential Effects of Aging and Alzheimer's Disease. Paper presented at the 16th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
21. **Davis, J.D.**, Tremont, G., Bishop, D.S., Fortinsky, R.H. (November 2009). A Telephone-Delivered Psychosocial Intervention Improves Dementia Caregiver Adjustment Following Nursing Home Placement. Paper presented at the 62nd Annual Meeting of the Gerontological Society of America, Atlanta, GA.
22. *Steadman-Wood, P., Davis, J.D., & Tremont, G.* (November 2009). Development of a New Instrument to Assess Dementia Caregiver Guilt Following Nursing Home Placement. Paper presented at the 62nd Annual Meeting of the Gerontological Society of America, Atlanta, GA.
23. *Hill, B.D., Davis, J.D., Ott, B.R., Alosco, M., Noto, R., & Tremont, G.* (March 2010). SPECT Differences between Mild Cognitive Impairment (MCI) and Alzheimer's Dementia (AD) Patients.

Paper presented at the 21st Annual Meeting of the American Neuropsychiatric Association, Tampa, FL.

24. Heindel, W.C., Festa, E.K., **Davis, J.D.**, Miller, L.A., Knott, S., Ott, B.R. (July 2010). Differential Contribution of Selective Attention and Sensory Integration to the Decline in Driving Skill in Aging and Early Alzheimer's Disease. Paper presented at the annual meeting of the Alzheimer's Association International Conference on Alzheimer's Disease, Honolulu, HI.
25. Hill, B.D., Tremont, G., **Davis, J.D.**, Westervelt, H.J., Alosco, M., O'Connor, K., & Pella, R. (November 2010). Are we Missing Vascular Cognitive Impairment (VCI)? Retrospective Identification of a Probable VCI Profile in a Memory Clinic Database. Paper presented at the 30th annual conference of the National Academy of Neuropsychology, Vancouver, BC, Canada.
26. Lancman, G., LaFrance, W., Jr., **Davis, J.D.**, Machan, J., & Blum, A. (April 2011). Depression Symptoms over Time in Epilepsy. Paper presented at the 63rd annual meeting of the American Academy of Neurology, Honolulu, HI.
27. Tremont, G., **Davis, J.D.**, O'Connor, K., Grover, C., Bishop, D., Ott, B., Papandonatos, G., Fortinsky, R. (July 2011). Relationship Between Expectancy/Credibility and Early Response to Telephone-Based Dementia Caregiver Interventions. Paper to be presented at the annual meeting of the International Conference for Alzheimer's Disease, Paris, France.
28. Rathier, L., Tremont, G., **Davis, J.D.**, O'Connor, K., & Grover, C. (2011). Prayer, Church Attendance, and Dementia Caregiver Well-being. Paper presented at the 2011 meeting of the Gerontological Society of America, Boston, MA.
29. Manning, K.J., **Davis, J.D.**, Hewitt, S.D., & Ott, B.R. (February 2012). Empirical Evaluation of Dementia Driving Risks Proposed by the American Academy of Neurology. Paper presented at the annual meeting of the International Neuropsychological Society, Montreal, Canada.
30. Tan, J.E., Springate, B.A., Carvalho, J.O., & **Davis, J.D.** (March, 2012). Phenomenology of Self-Reported Mood Among Older Adults with Cognitive Impairment. Paper presented at the annual meeting of the American Neuropsychiatric Association, New Orleans, LA.
31. Springate, B.A., Carvalho, J.O., Tan, J.E., & **Davis, J.D.** (March 2012). Memory, Awareness, and Depressive Symptoms in Cognitively Impaired Older Adults. Paper presented at the annual meeting of the American Neuropsychiatric Association, New Orleans, LA.
32. Carvalho, J.O., Tan, J.E., Springate, B.A., & **Davis, J.D.** (March, 2012). Depressive Syndromes in Cognitively Impaired Older Adults. Paper presented at the annual meeting of the American Neuropsychiatric Association, New Orleans, LA.
33. Carvalho, J.O., Bernier, R.A., Springate, B.A., **Davis, J.D.** (April, 2013). The American Academy of Neurology Family Questionnaire to Assess Driving Safety: Psychometric Properties and Relationship to Cognitive Screening Measures. Paper presented at the American Neuropsychiatric Association, Boston, MA.
34. **Davis, J.D.**, Bixby, K.A., & Ott, B.R. (July, 2013). Clinician and Caregiver Prediction of Driving Competence in Older Adults who may have early Alzheimer's Disease: Validation with Road Test

and Naturalistic Driving Assessments. Paper presented at the Alzheimer's Association International Conference, Boston, MA.

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INVITED PRESENTATIONS

1. *Optimal aging: the boundary between normal aging and Alzheimer's disease*. Bates College, Lewiston, ME. June 7, 2002.
2. *Thyroid status in dementia: recent clinical and pathological findings*. Brown Medical School Alzheimer's Disease Research Meeting, Department of Neurology, Memorial Hospital of Rhode Island, Providence, RI. January 3, 2003.
3. *Caregiver burden in dementia: Preliminary findings from a telephone-based psychosocial Intervention for Caregivers*. Brown Medical School Alzheimer's Disease Research Meeting, Department of Neurology, Memorial Hospital of Rhode Island, Providence, RI. April 2, 2004.
4. *Depression and Executive Functioning in Temporal Lobe Epilepsy*. Epilepsy Research Symposium, Warren Alpert Medical School of Brown University, Rhode Island Hospital, Providence, RI. November 29, 2007.
5. *An In-depth Review of Alzheimer's Disease: Current State of Diagnosis, Treatment, and Research*. Key Note Lecture, Alzheimer's Awareness Day, Brown University, Providence, RI. April 8, 2010.
6. *Driving and Alzheimer's Disease: When is it time to stop?* Caregiver's Journey Conference, Alzheimer's Association, Providence, RI. June 22, 2011
7. *Assessment of the Cognitively Impaired Older Adult*. National Academy of Neuropsychology (3 hour CE course), Fort Meyers, FL, November 18, 2011.
8. *Driving and Alzheimer's Disease: When is it time to turn over the keys?* Caregiver's Journey Conference, Alzheimer's Association, Providence, RI. June 25, 2013.
9. *An In-Depth View of Dementia: Current State of Diagnosis, Treatment, and Research*. Department of Elderly Affairs, Providence, RI, June 11, 2013.
10. *An Intervention to Improve Driving Safety in Patients with Early Alzheimer's Disease*. Alpert Medical School of Brown University and Normal Prince Foundation, Rhode Island Hospital, Providence, RI. June 26, 2013.

GRANTS (Active)

Title: Management of Seizures Pilot (W.C. LaFrance, MD, PI)

Role in Project: Co-Investigator

Type of Grant: Investigator Initiated Foundation Grant

Funding Source: Lifespan Seed Grant Program

Years Funded: 2012-2013

Total Direct Costs: \$35,000

Title: Brain MRI Quantification in Epilepsy and Depression
Role in Project: Principal Investigator
Type of Grant: Investigator Initiated Foundation Grant
Funding Source: Epilepsy Foundation of America
Years Funded: 2011-2013
Total Direct Costs: \$49,963

Title: Psychosocial Telephone Intervention for Dementia Caregivers (NR010559; G. Tremont, PI)
Role in Project: Co-Investigator
Type of Grant: R01
Funding Source: National Institutes of Health/National Institute of Nursing Research
Years Funded: 2007-2013
Total Direct Costs: \$1,269,929

GRANTS (Pending)

Title: Telephone Intervention for Family Dementia Caregivers of Nursing Home Residents
Role on Project: PI
Type of Grant: Investigator Initiated
Funding Source: National Institutes of Health/National Institute of Nursing Research
Total Direct Costs: \$1,569,023

Title: Development of a Yoga Intervention for Mild Cognitive Impairment
Role in Project: Co-Investigator
Type of Grant: R21
Funding Source: National Institutes of Health/National Institute of Nursing Research
Total Direct Costs: \$275,000

Title: Secondary Analyses and Archive of Naturalistic Driving Data in Aging and Dementia
Role on Project: Co-I
Type of Grant: R03
Funding Source: National Institutes of Health/National Institute on Aging
Total Direct Costs: \$292,620

GRANTS (Completed)

Title: Naturalistic Assessment of the Driving Ability of Cognitively Impaired Elders (AG016335; B. Ott, PI)
Role in Project: Co-Investigator
Type of Grant: R01
Funding Source: National Institutes of Health/National Institute on Aging
Years Funded: 2007-2011 (currently in no cost extension)
Total Direct Costs: \$1,506,839

Title: Yoga for Mild Cognitive Impairment
Role in Project: Co-Investigator
Type of Grant: Investigator Initiated
Funding Source: Department of Psychiatry, Brown Medical School
Years Funded: 2007-2008
Total Direct Costs: \$19,968

Title: Dementia Caregiver Treatment for Nursing Home Transition (AG026122)
Role in Project: Principal Investigator
Type of Grant: R03
Funding Source: National Institutes of Health/National Institute on Aging
Years Funded: 2005-2007
Total Direct Costs: \$100,000

Title: Executive Dysfunction and Depression in Epilepsy
Role in Project: Principal Investigator
Type of Grant: Investigator Initiated
Funding Source: Epilepsy Foundation of America
Years Funded: 2006–2007
Total Direct Costs: \$35,000

Title: A Longitudinal Study of Hazardous Drivers with Dementia (Grant# AG16335; B. Ott, PI)
Role in Project: Co-Investigator
Type of Grant: R01
Funding Agency: National Institutes of Health/National Institute on Aging
Years Funded: 2006-2007 (no cost extension)
Total Direct Costs: \$1,089,390

Title: Efficacy of a Family Telephone Intervention for Dementia Caregivers (Grant# MH62561; G. Tremont, PI)
Role in Project: Study Coordinator
Type of Grant: R21
Funding Agency: National Institute of Mental Health
Years Funded: 2001 –2004
Total Direct Costs: \$375,000

GRANTS (FUNDED DURING TRAINING)

Title: Brown University Dementia Fellowship (Grant# T32 AG020498; P. Malloy, PI)
Role in Project: Postdoctoral Fellow
Type of Grant: T32
Funding Agency: National Institutes of Health/National Institute of Aging
Years Funded: 2003–2005

Title: A Pilot Study of Cytomel® as an Adjunctive Treatment of Alzheimer's Dementia (R. Stern, PI)
Role in Project: Consultant
Type of Grant: Research Grant
Funding Agency: National Institute on Aging; Boston Alzheimer's Disease Research Center (internal)
Years Funded: 2004–2005

Title: Motor and Non-motor Spatial Memory in Huntington's Disease
Role in Project: Principal Investigator
Type of Grant: University Funded Graduate Research Grant
Funding Agency: University of Utah
Years Funded: 1999-2000
Total Direct Costs: \$10,000

Title: Efficacy of Progestin Metabolites in Pain Modulation in the Female Rat
Role in Project: Principal Investigator
Type of Grant: Grant-in-Aid of Research
Funding Agency: Sigma Xi
Years Funded: 1992-1993
Total Direct Costs: \$300

Title: Cognitive Correlates of Steroids Active at the GABA_A Receptor
Role on Project: Co-Investigator
Type of Grant: Faculty-Student Fellowship
Term of Funding: Mellon Foundation
Years Funded: Summer 1993
Total Direct Costs: \$3,500

Title: Excitotoxicity as an Animal Model of Hippocampal Cell Death in Alzheimer's Disease
Role on Project: Co-Investigator
Type of Grant: Faculty-Student Fellowship
Funding Agency: Mellon Foundation Faculty-Student Fellowship
Years Funded: Summer 1992
Total Direct Costs: \$3,500

UNIVERSITY TEACHING ROLES

Didactics, Psychology Training Program, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University: Core Seminar for Psychology Internship Program: 2011 - .

Didactics, Psychology Training Program, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University: Core Seminar for Neuropsychology Track: 2006 - 2011.

Lecturer, Psychology Training Program, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University: Core Seminar for Neuropsychology Track: *Medical Aspects of Neuropsychology*. 2005 -

Lecturer, Neurology Residency Program, Department of Neurology, Alpert Medical School of Brown University: Residency Seminar Series: *Introduction to Clinical Neuropsychology*. 2011-

Lecturer, Psychology Training Program, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University: Core Seminar for Psychology Internship Program: *Clinical Supervision*: 2012-

HOSPITAL TEACHING ROLES

Clinical Supervisor, Department of Psychiatry, Neuropsychology Program, Rhode Island Hospital, Providence, RI. Supervise psychiatry residents completing a one-month elective rotation in neuropsychology (2 residents annually). 2010-

Clinical Supervisor, Department of Psychiatry, Neuropsychology Program, Rhode Island Hospital, Providence, RI. Supervise clinical psychology interns and postdoctoral fellows enrolled in the Brown Clinical Psychology Training Consortium (5 –6 students annually). 9/1/2005 – .

Clinical Supervisor, Department of Psychiatry, Neuropsychology Program, Rhode Island Hospital, Providence, RI. Supervise graduate clinical psychology students in neuropsychology practicum. 9/1/2004 – .