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CURRENT POSITION(S):

Professor, Department of Neurology, University of Kentucky Medical Center
Director, Neuropsychology Service, UK Chandler Medical Center
Center Associate, Sanders-Brown Center on Aging, UKMC
Adjunct Professor, Department of Psychiatry, UKMC
Adjunct Professor, Department of Psychology, University of Kentucky
Adjunct Professor, Department of Behavioral Science, UKMC

EDUCATION: Duke University Medical Center, Durham, NC
1981-1983 NIA Postdoctoral Fellow (Neuropsychology)
1983-1984 NIA Postdoctoral Fellow, Geriatric Evaluation & Treatment Clinic

The University of Akron, Akron, OH
1980: MA, Developmental Psychology
1982: PhD, Life-Span Developmental Psychology (Minor: Statistics)

Rensselaer Polytechnic Institute, Troy, NY:
1975: BS, Experimental Psychology (Minor: Biology)

Licenses / Board Certification:

Kentucky: 570 (since 1986)
North Carolina: 1060 (1984-2004)
Diplomate: American Board of Forensic Examiners (1996)
Diplomate: American Board of Forensic Neuropsychology (1997)

PROFESSIONAL EXPERIENCE:

1990-2002 Associate Professor, Department of Neurology, UKMC
1988-1989 Assistant Professor, Department of Neurology, UKMC
1986-1988 Research Assistant Professor, Department of Neurology, UKMC
1986-1991 Geriatric Consultant, Neuropsychology, Lexington VA Medical Center
1984-1985 Assistant Professor, Department of Psychiatry, UNC-Chapel Hill
1984-1985 Research Associate, Division of Medical Psychology, Duke Medical Center
1977 & 1981 Part-time Faculty, Department of Psychology, University of Akron
1978-1979 Intern, Counseling & Testing Center, University of Akron
1976-1980 Research & Teaching Assistant, Department of Psychology, University of Akron

PROFESSIONAL AFFILIATIONS:

American Psychological Association (Divisions: 18/20/38/40; 1985-2002)
 American Association for the Advancement of Science
 American Academy of Neurology
 American Association of Geriatric Psychiatry
 Gerontological Society of America (society fellow since 1994)
 International Neuropsychological Society
 International Psychogeriatric Association
 National Academy of Neuropsychology
 New York Academy of Sciences (1988-2000)
 North Carolina Psychological Association (1982-1998)
 Society for Research in Child Development (1975-2000)
 Society for Neuroscience

HONORS - AWARDS:

2002: **Community Supervisor Award**, Department of Psychology, University of Kentucky
 2001: **Abraham Flexner Master Educator Award**, University of Kentucky Medical Center
 1998: Who's Who in the World
 1996: Who's Who in the World; Who's Who in Science and Engineering
 1994: Fellow, Gerontological Society of America
 1992: Who's Who in the World; Who's Who in Science and Engineering
 1992: Who's Who Among Health Services Professionals
 1991: Who's Who in Science and Engineering
 Who's Who in the South & Southwest (23rd ed.)
 1991-1992: Committee for Developing a World Federation of Neuropsychological Societies
 1990: Neuroscience of HIV Infection Steering Committee
 1988 & 1990: Who's Who in the South & Southwest (20th & 22nd ed.)
 1988: Who's Who in Society; Sigma XI, University of Kentucky
 1987: Who's Who of Emerging Leaders in America; Men of Achievement (12th ed.)
 1981: Scripps Foundation & Ohio Aging Commission: Student Research Award
 1979: Scripps Foundation & Ohio Aging Commission: Presentation Award

PUBLICATIONS:

- Sanders, R.E., Murphy, M.D., Schmitt, F.A. & Walsh, K.K. (1980) Age Differences in free recall rehearsal strategies. *Journal of Gerontology*, **35**, 550-558.
- Murphy, M.D., Sanders, R.E., Gabriesheski, A.S., & Schmitt, F.A. (1981) Metamemory in the aged. *Journal of Gerontology*, **36**, 185-193.
- Schmitt, F.A., Murphy, M.D., & Sanders, R.E. (1981) Training older adult free recall rehearsal strategies. *Journal of Gerontology*, **36**, 329-337.
- Stoudemire, A., Miller, J., Schmitt, F., Logue, P., Shelton, D., Latson, G., & Bennett, P. (1984) Development of an organic affective syndrome during a hyperbaric diving experiment. *American Journal of Psychiatry*, **141**, 1251-1254.
- Mitchell, D.B., Hunt, R.R., & Schmitt, F.A. (1986) Generation effect and reality monitoring: Evidence from dementia and normal aging. *Journal of Gerontology*, **41**, 79-84.
- Logue, P.E., Schmitt, F.A., Rogers, H.E., & Strong, G. (1986) Cognitive and emotional changes during a simulated 686m deep dive. *Undersea Biomedical Research*, **13**, 225-235.
- Schultz, K., Schmitt, F., Logue, P., & Rubin, D. (1987) Unit analysis of prose memory in clinical and elderly populations. *Developmental Neuropsychology*, **2**, 77-87.
- Cook, Y., Gilmore, R., Schmitt, F., Berry, D., Phillips, B., Keener, T., Patel, R., & Johnson, K. (1987) Effects of sleep quality and sleep-disordered breathing on daytime drowsiness in healthy aged adults. *Journal of Clinical Neurophysiology*, **4**, 307-308.

Publications (cont.):

- Murphy, M.D., Schmitt, F.A., Caruso, M.J., & Sanders, R.E. (1987) Metamemory in older adults: The role of monitoring in serial recall. *Psychology and Aging*, **2**, 331-339.
- Berry, D., Phillips, B., Cook, Y., Schmitt, F., Gilmore, R., Patel, R., Keener, T., & Tyre, E. (1987). Sleep disordered breathing in the healthy aged: Possible daytime sequelae. *Journal of Gerontology*, **42**, 620-626.
- Farber, J.F., Schmitt, F.A., & Logue, P.E. (1988) Predicting intellectual level from the Mini-Mental State Examination. *Journal of the American Geriatrics Society*, **36**, 509-510.
- Schmitt, F.A., Bigley, J.W., McKinnis, R., Logue, P., Evans, R., Drucker, J., & AZT Collaborative Working Group. (1988) Neuropsychological outcome of azidothymidine (AZT) in the treatment of AIDS and AIDS-related complex: A double-blind, placebo-controlled trial. *New England Journal of Medicine*, **319**, 1573-1578.
- Phillips, B., Berry, D., Schmitt, F., Patel, R., & Cook, Y. (1989) Sleep quality and pulmonary function in the healthy elderly. *Chest*, **95**, 60-64.
- Johnson, M.S., Schmitt, F.A., & Pietrukowicz, M. (1989). The memory advantages of the generation effect: Age and process differences. *Journal of Gerontology: Psychological Sciences*, **44**, P91-94.
- Phillips, B., Cook, Y., Schmitt, F., & Berry D. (1989). Sleep Apnea: Prevalence of risk factors in a general population. *Southern Medical Journal*, **82**, 1090-1092.
- Berry, D., Phillips, B., Cook, Y., Schmitt, F., et al. (1989) Sleep disordered breathing in healthy aged persons: One-year follow-up of daytime sequelae. *Sleep*, **12**, 211-215.
- Macciocchi, S.N., Ranseen, J.D., & Schmitt, F.A. (1989) The relationship between neuropsychological impairment in alcoholics and treatment outcome at one year. *Archives of Clinical Neuropsychology*, **4**, 365-370.
- Harbaugh, R.E., Reeder, T.M., Senter, H.J., et al. (1989) Intracerebroventricular bethanechol chloride infusion in Alzheimer's disease: Results of a collaborative double-blind study. *Journal of Neurosurgery*, **71**, 481-486.
- DeKosky, S.T., Shih, W.J., Schmitt, F.A., Coupal, J., & Kirkpatrick, C. (1990) Diagnostic utility of single photon emission computerized tomography (SPECT) in Alzheimer's Disease: Correlation with cognitive severity. *Alzheimer Disease and Associated Disorders*, **4**, 14-23.
- Ranseen, J.D., Bohaska, L., & Schmitt, F.A. (1990) An investigation of anosognosia following traumatic head injury. *International Journal of Clinical Neuropsychology*, **12**, 29-36.
- Phillips, B.A., Schmitt, F.A., et al. (1990) Treatment of obstructive sleep apnea: A preliminary report comparing nasal CPAP to nasal oxygen in patients with mild OSA. *Chest*, **98**, 325-330.
- Berry, D., Phillips, B., Cook, Y., Schmitt, F., et al. (1990) Geriatric sleep apnea syndrome: A preliminary description. *Journal of Gerontology: Medical Sciences*, **45**, M169-174.
- Berry, D., Allen, R., & Schmitt, F. (1991) Rey-Osterrieth Complex Figure: Psychometric characteristics in a geriatric sample. *Clinical Neuropsychologist*, **5**, 143-153.
- Fletcher, J.M., Francis, D.J., Pequegnat, W., Raudenbush, S.W., Bornstein, M.H., Schmitt, F.A., Brouwers, P., and Stover, E. (1991) Neurobehavioral outcomes in diseases of childhood: Individual change models for pediatric human immune viruses. *American Psychologist*, **46**, 1267-1277.
- Kidd, S., Berry, D., Schmitt, F., et al. (1991) Estimating premorbid IQ in normal older adults and Alzheimer's patients: The Revised Barona Index. *International Journal of Clinical Neuropsychology*, **13**, 1-5.
- Phillips, B.A., Berry, D.T.R., Schmitt, F.A., Magan, L.K., Gerhardstein, D.C., & Cook, Y.R. (1992). Sleep-disordered breathing in the healthy elderly: Clinically significant? *Chest*, **101**, 345-349.
- Schmitt, F.A., Shih, W.J., & DeKosky, S.T. (1992) Lateralized neuropsychological and SPECT findings in Alzheimer's Disease. *Neuropsychology*, **6**, 159-171.

Publications (cont.):

- Dickson, L.R., Hays, L.R., Kaplan, C., Scherl, E., Abbott, S., & Schmitt, F.A. (1992) Psychological profile of somatizing patients attending the integrative clinic. *International Journal of Psychiatry in Medicine*; **22**, 141-153.
- DeKosky, S.T., Harbaugh, R.E., Schmitt, F.A., et al. (1992) Cortical biopsy in Alzheimer's disease: Diagnostic accuracy and neurochemical, neuropathological and cognitive correlations. *Annals of Neurology*, **32**, 625-632.
- Andrykowski, M.A., Schmitt, F.A., et al. (1992) Neuropsychologic impairment in adult bone marrow transplant candidates. *Cancer*, **70**, 2288-2297.
- Van Gorp, W., Lamb, D., & Schmitt, F.A. (1993) Methodologic issues in neuropsychological research with HIV-spectrum disease. *Archives of Clinical Neuropsychology*, **8**, 17-33.
- Lanska, D., Schmitt, F., Howe, J., & Stewart, J. (1993) Telephone-assessed mental status. *Dementia*, **4**, 117-119.
- Logue, P.E., Tupler, L.A., D'Amico, C., & Schmitt, F.A. (1993) The Neurobehavioral Cognitive Status Examination: Psychometric properties in use with psychiatric inpatients. *Journal of Clinical Psychology*, **49**, 80-89.
- Blonder, L.X., Kort, E.D., & Schmitt, F.A. (1994) Conversational discourse in patients with Alzheimer's disease. *Journal of Linguistic Anthropology*, **4**, 50-71.
- Marson, D.C., Schmitt, F.A., Ingram, K.K., & Harrell, L.E. (1994) Determining the competency of Alzheimer's patients to consent to treatment and research. *Alzheimer Disease and Associated Disorders*, **8**, S4, 5-18.
- Phillips, B.A., Berry, D.T.R., Schmitt, F.A., et al. (1994). Sleep-disordered breathing in healthy aged persons: Two- and three-year followup. *Sleep*, **17**, 411-415.
- Berry, D.T.R., Carpenter, G.S., Campbell, D.A., Schmitt, F.A., Helton, K., & Lipke-Molby, T. (1994). The New Adult Reading Test-Revised: Accuracy in estimating WAIS-R IQ scores obtained 3.5 years earlier from normal older persons. *Archives of Clinical Neuropsychology*, **9**, 239-250.
- Ashford, J.W., Shan, M., Butler, S., Rajesekar, A., & Schmitt, F.A. (1995). Temporal quantification of Alzheimer's disease severity: 'Time Index' model. *Dementia*, **6**, 269-280.
- Smith, C.D., Pettigrew, L.C., Avison, M.J., Kirsch, J.E., Tikhtman, A.J., Schmitt, F.A., Wermeling, D.P., Wekstein, D.R., & Markesbery, W.R. (1995). Frontal lobe phosphorus metabolism and neuropsychologic function in aging and Alzheimer's disease. *Annals of Neurology*, **38**, 584-591.
- Greiner, P.A., Snowdon, D.A., & Schmitt, F.A. (1995). Low normal cognitive function and the loss of independence in activities of daily living: Findings from the nun study. *American Journal of Public Health*, **86**, 62-66.
- Schmitt, F.A., Phillips, B.A., Cook, Y.R., et al. (1996). Self report of sleep symptoms in older adults: Correlates of daytime sleepiness and health. *Sleep*, **19**, 59-64.
- Ashford, J.W., Schmitt, F.A., Kumar, V. (1996). Diagnosis of Alzheimer's disease. *Psychiatric Annals*, **26**, 262-268.
- Kulkarni-Narla, A., Getchell, T.V., Schmitt, F.A., & Getchell, M.L. (1996). Manganese and copper-zinc superoxide dismutases in human olfactory mucosa: Increased immunoreactivity in Alzheimer's disease. *Experimental Neurology*, **140**, 115-125.
- Olin, J.T., et al. (1996). Clinical evaluation of global change in Alzheimer's disease: identifying consensus. *Journal of Geriatric Psychiatry and Neurology*, **9**, 176-180.
- Raguet, M.L., Campbell, D.A., Berry, D.T., Schmitt, F.A., & Smith, G.T. (1996). The stability of intelligence and intellectual correlates in older persons. *Psychological Assessment*, **8**, 154-160.

Publications (cont.):

- Schmitt, F., et al. (1997). The Severe Impairment Battery: Concurrent validity and the assessment of longitudinal change in Alzheimer's disease. *Alzheimer Disease and Associated Disorders*, **11**, S51-S56.
- Berger JR, Schmitt FA, Anderson AH, Avison MJ: Blood-brain-barrier abnormalities in AIDS dementia: A gadolinium enhanced MR study. *Intervirolgy* 1997; 40:122-131.
- Ferris, S.H., et al. (1997). A multicenter evaluation of new treatment efficacy instruments for Alzheimer's disease clinical trials: Overview and general results. *Alzheimer Disease and Associated Disorders*, **11**, S1-S12.
- Schneider, L., et al. (1997). Validity and reliability of the Alzheimer's Disease Cooperative Study-Clinical Global Impression of Change. *Alzheimer Disease and Associated Disorders*, **11**, S22-S32.
- Mackell, J.A., et al. (1997). Multicenter evaluation of new instruments for Alzheimer's disease clinical trials: Summary of results. *Alzheimer Disease and Associated Disorders*, **11**, S65-S69.
- Pettigrew, L.C., et al. (1998). Pharmacokinetics, pharmacodynamics, and safety of metrifonate in patients with Alzheimer's disease. *Journal of Clinical Pharmacology*, **38**, 236-245.
- Piccoro, L.T., Wermeling, D.P., Schmitt, F.A., & Ashford, J.W. (1998). Seizures in patients receiving concomitant antimuscarinics and anticholinesterase inhibitor. *Pharmacotherapy*, **18**, 1129-1132.
- Saxe, S.R., et al. (1999). Alzheimer's disease, dental amalgam and mercury. *Journal of the American Dental Association*, **130**, 191-199.
- Smith, C.D., et al. (1999). MRI temporal lobe volume measures and neuropsychologic function in Alzheimer's disease. *Journal of Neuroimaging*, **9**, 2-9.
- Davis, D.G., Schmitt, F.A., Wekstein, D.R., & Markesbery, W.R. (1999). Alzheimer neuropathologic alterations in aged cognitively normal subjects. *Journal of Neuropathology and Experimental Neurology*, **58**, 376-388.
- Blonder, L.X., Hodes, J.E., Ranseen, J.D., & Schmitt, F.A. (1999). Short-term neuropsychological outcome following gamma knife radiosurgery for arteriovenous malformations: A preliminary report. *Applied Neuropsychology*, **6**, 181-186.
- Smith, C.D., et al. (1999). Critical decline in fine motor hand movements in human aging. *Neurology*, **53**, 1458-1461.
- Smith, C.D., et al. (1999). Altered brain activation in cognitively intact individuals at high risk for Alzheimer's disease. *Neurology*, **53**, 1391-1396
- Ashford, J.W. et al., (2000). Single SPECT measures of cerebral cortical perfusion reflect time-index estimation of dementia severity in Alzheimer's disease. *Journal of Nuclear Medicine*, **41**, 57-64.
- Mendiondo, M., Ashford, W., Kryscio, R., & Schmitt, F. (2000). Modeling mini mental state examination changes in Alzheimer's disease. *Statistics in Medicine*, **19**, 1607-1616.
- Schmitt, F.A., Miller, L., & Kryscio, R. (2000). Promoting interactions with basic scientists and clinicians: summary of the panel session. *Statistics in Medicine*. **19**, 1463-1468.
- Karlawish, J.H.T. & Schmitt, F.A. (2000). Why physicians need to become more competent in assessing their patients' competency and how they can achieve this. *Journal of the American Geriatrics Society*. **48**, 1014-1016.
- Schmitt, F.A., Davis, D.G., Wekstein, D.R., Smith, C.D., Ashford, J.W., & Markesbery, W.R. (2000). "Preclinical" AD revisited: neuropathology of cognitively normal older adults. *Neurology*, **55**, 370-376.
- Ashford, J.W. & Schmitt, F.A. (2001). Modeling the time-course of Alzheimer dementia. *Current Psychiatric Reports*, **3**, 20-28.
- Johnson, M., Wackerbarth, S, & Schmitt, F.A. (2001). Revised Memory and Behavior Problems Checklist. *Clinical Gerontologist*, **22**, 87-108.
- Publications (cont.):

- Nath, A., Maragos, W.F., Avison, M.J., Schmitt, F.A., & Berger, J.R. (2001). Acceleration of HIV dementia with methamphetamine and cocaine. *Journal of NeuroVirology*, **7**, 66-71.
- Smith C.D., Andersen A.H., Kryscio R.J., Schmitt F.A., et al. (2001). Differences in functional magnetic resonance imaging activation by category in a visual confrontation naming task. *Journal of Neuroimaging*. **11**, 165-170.
- Mendiondo, M., Kryscio, R., & Schmitt, F. (2001). Models of progression in AD: Predicting disability and costs. *Neurology*, **57**, 943-944.
- Schmitt, F.A., Wetherby, M.M. et al., (2001). Brain donation in normal aging: Procedures, motivations and donor characteristics from the Biologically Resilient Adults in Neurological Studies (BRAiNS) project. *Gerontologist*, **41**, 716-722.
- Smith, C.D., Andersen, A.H., Kryscio, R.J., Schmitt, F.A., et al. (2002). Women at risk for AD show increased parietal activation during a fluency task. *Neurology*, **58**, 1197-1202.
- Cragar, D., Berry, D., Cibula, J., Fakhoury, T., & Schmitt, F. (2002). A review of diagnostic techniques in the differential diagnosis of epileptic and non-epileptic seizures. *Neuropsychology Review*, **12**, 31-64.
- Schmitt, F.A., Cragar, D., Ashford, J.W., Reisberg, B., Ferris, S., Möbius, H.J., & Stöffler, A. (2002). Measuring Cognition in Advanced Alzheimer's Disease for Clinical Trials. *Journal of Neural Transmission*, **62**:135-148.
- Pulliam, J., Jennings, C., Kryscio, R., Davis, D., Wilson, D., Montine, T., Schmitt, F., & Markesbery, W. (2003). Association of HFE mutations with neurodegeneration and oxidative stress in Alzheimer's disease and correlation with APOE. *American Journal of Medical Genetics*. **119**: 48-53.
- Riesberg, B., Doody, R, Stöffler, A, Schmitt, F, Ferris, S, & Möbius, H (2003). A randomized, placebo-controlled study of memantine, an uncompetitive NMDA antagonist, in patients with moderate to severe Alzheimer's disease. *New England Journal of Medicine*. **348**, 1333-1341.
- Gaugler, J. E., Wackerbarth, S. A., Mendiondo, M., Schmitt, F. A., & Smith, C. D. (2003). The characteristics of dementia caregiving onset. *American Journal of Alzheimer's Disease and Other Dementias*. **18**: 97-104.
- Cragar, D.E., Schmitt, F.A., Berry, D.T.R., Cibula, J.E., Dearth, C.M.S., & Fakhoury, T.A., (2003). A comparison of MMPI-2 decision rules in the diagnosis of non-epileptic seizures. *Journal of Clinical and Experimental Neuropsychology*. **25**:793-804.
- Gaugler, J. E., Mendiondo, M., Smith, C. D., & Schmitt, F. A. (2003). Secondary dementia caregiving and its consequences. *American Journal of Alzheimer's Disease*, **18**, 300-308.
- Mendiondo, M, Ashford, W, Kryscio, R, & Schmitt, F. (2003). A Brief Dementia Screen, *Journal of Alzheimer Disease*. **5**: 391-398.
- Kryscio, R.J., Mendiondo, M.S., Schmitt, F.A., & Markesbery, W.R. (2004). Designing a large prevention trial: statistical issues. *Statistics in Medicine*, **23**, 285-296.
- Hoffmann, M. & Schmitt, F. (2004). Cognitive impairment in isolated subtentorial stroke. *Acta Neurol Scand*. **109**, 14-24.
- Regine, W.F., Schmitt, F.A., Scott, C.B., Dearth, C., et al. (2004). Feasibility of neurocognitive outcome evaluations in patients with brain metastases in a multi-institutional cooperative group setting: results of Radiation Therapy Oncology Group trial BR-0018. *International Journal of Radiation Oncology, Biology, and Physics*, **58**, 1346-1352.
- Schmitt, F. & Estes, S, (2004). Alzheimer's disease genetic susceptibility and causality: What is ApoE's impact? *Neurobiology of Aging*, **25**, 661-662.
- Avison, M.J., Nath, A., Greene-Avison, R., Schmitt, F.A., et al. (2004). Inflammatory changes and breakdown of microvascular integrity in early human immunodeficiency virus dementia. *Journal of Neurovirology*, **10**, 223-232.

Publications (cont.):

- Doody, R, Wirth, Y, Schmitt, F, & Moebius, H.J. (2004). Specific functional effects of memantine treatment in patients with moderate to severe Alzheimer's disease. *Dementia and Geriatric Disorders*, **18**(2):227-32.
- Gaugler, J. E., Anderson, K. A., & Leach, C. R., Smith, C. D., Schmitt, F.A., & Mendiolo, M. (2004). The emotional ramifications of unmet need in dementia caregiving. *American Journal of Alzheimer's Disease*, **19**, 639-649.
- Avison, M.J., Nath, A., Greene-Avison, R., Schmitt, F.A., Greenberg, R.N., & Berger, J.R. (2004). Neuroimaging correlates of HIV-associated BBB compromise. *Journal of Neuroimmunology*, **157**, 140-146.
- Keller, J. N., Schmitt, F. A., Scheff, S.W., et al. (2005). Evidence of increased oxidative damage in subjects with Mild Cognitive Impairment. *Neurology*, **64**, 1152-1156.
- Cragar, D., Berry, T., Schmitt, F., & Fakhoury, T. (2005). Cluster analysis of normal personality traits in patients with psychogenic non-epileptic seizures. *Epilepsy & Behavior*, **6**, 593-600.
- Galasko, D., Schmitt, F., et al. (2005). Detailed assessment of activities of daily living in moderate to severe Alzheimer's disease. *Journal of the International Neuropsychological Society*, **11**, 446-453.
- Caban-Holt, A., Bottigi, K, & Schmitt, F.A. (2005). Measuring treatment response in Alzheimer's disease clinical trials. *Geriatrics*, **60**, 3-8.
- Smith CD, Kryscio RJ, Schmitt FA, et al. (2005). Longitudinal functional alterations in asymptomatic women at risk for Alzheimer's disease. *Journal of Neuroimaging*, **15**, 271-277.
- Donovan, K.A., Small, B.J, Andrykowski, M.A., Schmitt, F.A., Munster, P., & Jacobsen, P.B. (2005). Cognitive functioning following adjuvant chemotherapy and/or radiotherapy for early stage breast carcinoma. *Cancer*, **104**, 2499-2507.
- Reisberg, B., Doody, R., Stöffler, A., Schmitt, F., Ferris, S. & Möbius, H.J. (2006). A 24-week open-label extension study of memantine in moderate to severe Alzheimer's disease. *Archives of Neurology*, **63**, 49-54.
- Markesbery, W.R., Schmitt, F.A., et al. (2006). Neuropathological substrate of mild cognitive impairment. *Archives of Neurology*, **63**, 38-46.
- Locke, D., Berry, D., Fakhoury, T. & Schmitt, F. (2006). Relationship of indicators of neuropathology, psychopathology, and effort in neuropsychological results in patients with epilepsy or psychogenic non-epileptic seizures. *Journal of Clinical and Experimental Neuropsychology*, **28**, 1-16.
- Kryscio, R.J.; Schmitt, F.A., et al. (2006). Risk factors for transitions from normal to mild cognitive impairment and dementia. *Neurology*, **66**, 828-832.
- Nelson, K. Lee, S., Mattingly, M. & Schmitt, F. (2006). Does the arousal system contribute to near death experience? *Neurology*, **66**, 1003-1009.
- Ashford, JW, et al. (2006). Should older adults be screened for dementia? *Alzheimer's & Dementia*, **2**, 76-85.
- Cragar, DE, Berry, DT, Fakhoury, TF, Cibula, JE, & Schmitt, FA (2006). Performance of patients with epilepsy or psychogenic non-epileptic seizures on four measures of effort. *Clinical Neuropsychologist*, **20**, 552-566.
- Espinosa PS, Kryscio RJ, Mendiolo MS, Schmitt FA, Wekstein DR, Markesbery WR, Smith CD. (2006). Alzheimer's disease and head circumference. *Journal of Alzheimer's Disease*. **9**, 77-80.
- Schmitt, F.A. & Wichems, C.H. (2006). A systematic review of assessment and treatment of moderate to severe Alzheimer's disease, *Journal of Clinical Psychiatry (Primary Care Companion)*. **8**, 158-169.

Publications (cont.):

- Schneider LS, Clark CM, Doody R, Ferris SH, Morris JC, Raman R, Reisberg B, Schmitt FA. (2006). ADCS prevention instrument project: ADCS-Clinicians' Global Impression of Change scales (ADCS-CGIC), self-rated and study partner-rated versions. *Alzheimer Disease and Associated Disorders*, **20**, S124-S138.
- Feldman HH, Schmitt FA, Olin JT. (2006). Activities of daily living in moderate-to-severe Alzheimer disease: An analysis of the treatment effects of memantine in patients receiving stable donepezil treatment. *Alzheimer Disease and Associated Disorders*. **20**, 263-268.
- Mitchell, DB & Schmitt, FA. (2006). Short- and long-term implicit memory in aging and Alzheimer's disease. *Aging, Neuropsychology, and Cognition*, **13**, 611-35.
- Schmitt FA, van Dyck CH, Wichems CH, Olin JT. (2006). Cognitive Response to Memantine in Moderate to Severe Alzheimer Disease in Patients Already Receiving Donepezil: An Exploratory Reanalysis. *Alzheimer Disease and Associated Disorders*. **20**, 255-262.
- Bottiggi KA, Salazar JC, Yu L, Caban-Holt AM, Ryan M, Mendiondo MS, Schmitt FA. (2006). Long-term cognitive impact of anticholinergic medications in older adults. *American Journal of Geriatric Psychiatry*. **14**, 980-984.
- Hoffmann M, Schmitt F. (2006). Metacognition in stroke: bedside assessment and relation to location, size, and stroke severity. *Cognitive and Behavioral Neurology*. **19**, 85-94.
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- Scheff, S, Price, DA, Schmitt, FA, Mufson, EJ. (2006). Hippocampal synaptic loss in early Alzheimer's disease and mild cognitive impairment. *Neurobiology of Aging*, **27**, 1372-84.
- Schmitt, F, Ryan, M, Cooper, G. (2007). A brief review of the pharmacologic and therapeutic aspects of memantine in Alzheimer's disease. *Expert Opinion in Drug Metabolism and Toxicology*, **3**, 135-141.
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- Nelson KR, Mattingly M, Schmitt FA. (2007). Out-of-body experience and arousal. *Neurology*, **68**, 794-795.
- Bottiggi KA, Salazar JC, Yu L, Caban-Holt AM, Ryan M, Schmitt FA. (2007). Concomitant use of medications with anticholinergic properties and acetylcholinesterase inhibitors: impact on cognitive and physical functioning in Alzheimer disease. *American Journal Geriatric Psychiatry*. **15**, 357-359.
- Smith, CD; Chebrolu, H; Wekstein, D; Schmitt, F; Jicha, G, Cooper, G, Markesbery, W. (2007). Brain structural alterations before mild cognitive impairment. *Neurology*, **68**, 1268-1273.
- Weycker D, Taneja C, Edelsberg J, Erder MH, Schmitt FA, Setyawan J, Oster G. (2007). Cost-effectiveness of memantine in moderate-to-severe Alzheimer's disease in patients receiving donepezil. *Current Medical Research Opinion*. **23**, 1187-1197. 115
- Smith CD, Chebrolu H, Wekstein DR, Schmitt FA, Markesbery WR. (in press). Age and gender effects on human brain anatomy: A voxel based morphometric study in healthy elderly. *Neurobiology of Aging*.
- Nelson, PT, Jicha, GA, Schmitt, FA, et al. (in press). Clinicopathological correlations in a large Alzheimer's Disease Center autopsy cohort: Neuritic plaques and neurofibrillary tangles 'do count' when staging disease severity. *Journal of Neuropathology and Experimental Neurology*,

Alzheimer Disease Multicenter Clinical Trial Publications:

- Petersen, R., et al. (2005). Vitamin E and Donepezil for the Treatment of Mild Cognitive Impairment. *New England Journal of Medicine*, **352**, 2379-2388.
- Sano, M., et al. (1997). A controlled trial of selegiline, alpha-tocopherol, or both as a treatment for Alzheimer's disease. *New England Journal of Medicine*, **336**, 1216-1222.

- Mulnard RA, et al. (2000). Estrogen replacement therapy for treatment of mild to moderate Alzheimer disease: a randomized controlled trial. *Alzheimer's Disease Cooperative Study. Journal of the American Medical Association*, **283**, 1007-1015.
- Teri L., et al. (2000). Treatment of agitation in AD: A randomized, placebo-controlled clinical trial, *Neurology*, **55**, 1271-1278.

PUBLICATIONS (Chapters/Proceedings):

- Logue, P.E., & Schmitt, F.A. (1985). Psychological assessment issues of intelligence and personality. In: R.H. Wilkins & S.S. Rengachary (eds), *Neurosurgery*. New York: McGraw-Hill.
- Schmitt, F.A., & Farber, J. (1987) Perspectives on memory retraining of persons with cognitive deficits. In: J. Blumenthal & D. McKee (eds), *Applications in behavioral medicine and health psychology: A clinician's sourcebook*. Sarasota, FL: Professional Resource Exchange.
- Schmitt, F.A., Ranseen, J.D., & DeKosky, S.T. (1989) Cognitive mental status examinations. In: F.J. Pirozzolo (ed.), *Clinics in Geriatric Medicine: New developments in neuropsychological evaluation*. W.B. Saunders Company, pp 545-564.
- Schmitt, F.A., & Ranseen, J.D. (1989) Neuropsychological assessment of older adults. In: T. Hunt & C. J. Lindley (eds.) *Testing older adults: A reference guide for geropsychological assessments*. Austin: Pro-Ed, Inc., pp 51-69.
- Schmitt, F.A., & Ranseen, J.D. (1991) Neuropsychological toxicology and aging. In: R.L. Cooper, J.M. Goldman, & T.J. Harbin (eds.) *Aging and environmental toxicology*. Baltimore: Johns Hopkins University Press, pp 246-271.
- Schmitt, F.A., Bigley, J.W., & AZT Collaborative Group (1991). HIV-associated cognitive impairment: Response to zidovudine. In: G. Racagni, N. Brunello, & T. Fukuda (Eds.), *Biological Psychiatry* (Vol. 2), Excerpta Medica, Elsevier Science Publishers: Amsterdam, pp. 97-99.
- Schmitt, F.A., Honeycutt, N., & VanGorp, W. (1992) Neuropsychologic aspects of HIV Infection. In: S. Hanson & D. Tucker (eds.) *Physical Medicine and Rehabilitation: State of the Art Reviews* (Vol. 6), Mills Press, pp. 513-529.
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- Schmitt, F.A., Dickson, L., & Brouwers, P. (1994) Neuropsychological outcomes of treatment of HIV infection. In: I. Grant & A. Martin (eds.), *Neuropsychology of HIV*. Oxford Press.
- Brouwers, P., Wolters, P., Moss, H., & Schmitt, F. (1994) Neuropsychological aspects of pediatric HIV infection. In: I. Grant & A. Martin (eds.), *Neuropsychology of HIV*. Oxford Press.
- Logue, P.E., & Schmitt, F.A. (1995) Psychological assessment of intelligence and personality. In: R.H. Wilkins & S.S. Rengachary (eds), *Neurosurgery* (2nd Ed.). NY: McGraw-Hill.
- Forrest, D., Ranseen, J.D., & Schmitt, F.A. (1995) Neuropsychological assessment of the elderly. In: J. Dembo (ed.), *Oral and maxillofacial surgery clinics of North America: Surgical Care of the Elderly*. Philadelphia: W.B. Saunders, Co., pp 187-198.
- Schmitt, F.A., Wetherby, M., & Stern, Y. (1996) Neuropsychological aspects of HIV infection. In: R. Levy & J. Berger (eds.) *AIDS and the nervous system*. Raven Press.
- Schmitt, F.A., et al. (1997) Severe Impairment Battery: A potential measure for Alzheimer's disease clinical trials. In: R. Becker & E. Giacobini (Eds.) *Alzheimer disease: From molecular biology to therapy*. Boston: Birkhäuser, pp 419-424.
- Schneider, L., et al. (1997) Validity and reliability of the Alzheimer's Disease Cooperative Study-Clinical Global Impression of Change(ADCS-CGIC). In: R. Becker & E. Giacobini (Eds.) *Alzheimer disease: From molecular biology to therapy*. Boston: Birkhäuser, pp 425-430.
- Ashford, J.W., et al. (1997) Advantages of the "Time Index" method for measurement of Alzheimer's dementia: Assessment of metrifonate benefit. In: R. Becker & E. Giacobini (Eds.) *Alzheimer disease: From molecular biology to therapy*. Boston: Birkhäuser, pp 431-434.
- Wetherby, M., Cheong, J., Evans, D., & Schmitt, F. (1998) Pharmacological interventions for neuropsychiatric Symptoms of HIV disease. In: W. VanGorp & S. Buckingham (eds.) *Practitioner's guide to the Neuropsychiatry of HIV/AIDS*. New York: Guilford Press, pp 201-227.
- Grundman, M., et al. (2001) The Alzheimer's Disease Ceters' Neuropsychological Database Initiative: A Resource for Alzheimer's Disease prevention trials. In: Iqbal, K., Sisodia, S.S., & Winblad, B. (eds.) *Alzheimer's Disease: Advances in Etiology, Pathogenesis, and Therapeutics*. Chichester: John Wiley & Sons, LTD, pp 123-128.

PUBLICATIONS (*Chapters/Proceedings, cont.*):

Caban-Holt, A., Mattingly, M., Cooper, G., & Schmitt, F.A. (2005) Neurotoxicology and dementia. *Neurology Clinics North America*. **23**, 485-521.

Cooper, G.E. and Schmitt, F.A. (2005) A "Field Guide" to Mental Status Testing. *Practical Neurology*, **4**, 68-73.

(Reviews):

Schmitt, F.A. (1994). An introduction to neuropsychology and aging. *Contemporary Psychology*, **39**, 388-389.

PAPERS (& posters) PRESENTED: (over 150 with published abstracts)**Grant / research contract activity:***Active support:*

5 P50 AG05144 (Markesbery, PI), 5/1/95-4/30/09; NIH/NIA "Alzheimer's Disease Research Center".

Investigates pathogenic mechanisms in AD with the eventual goal of prevention and treatment of the disease. Role: Co-Investigator

1R01AG027219-01A1 (Scheff, PI). 8/1/06-4/30/11; NIH/NIA "Synaptic change in Mild Cognitive Impairment".

Evaluated the post-mortem changes in synaptic density and associated mechanisms in persons with preclinical Alzheimer's or Mild Cognitive Impairment. Role: Co-Investigator

1R01MH78228-01 (Blonder, PI), 7/01/06 – 6/30/10; NINDS "Neuroimaging studies of depression in

Parkinson's disease". The major goal of this study is to delineate the neural substrates of Parkinsonian depression using structural and functional magnetic resonance imaging (fMRI). It also examines the effect of dopaminergic pharmacotherapy on brain function using neuropsychological assessment and fMRI. Role: Co-Investigator

5 R01 AG019241-02 (Markesbery/Schmitt/Krysto), 4/1/01-12/31/08; NIA "Prevention of Alzheimer's Disease By Vitamin E and Selenium". The major goals of this project are to monitor the occurrence of dementia in men taking antioxidant vitamin supplements. Role: Co-PI

2U01AG01004833311 (Thal, PI), 9/30/91-6/30/09; NIH/NIA; "Alzheimer's Disease Cooperative Study". This consortium of 34 academic medical centers and 65 participating sites is engaged in carrying out clinical trials in the area of Alzheimer's disease and other related neurodegenerative disorders. Role: Site PI (through 1/2005), senior investigator.

1255-111-LO-A (Andrykowski, PI), 5/1/04-4/30/09 NIH "Cognitive Behavioral Aspects of Cancer-Related Fatigue". The major goals of this project are to determine both cognitive and affective components associated with fatigue in breast cancer. Role: Co-Investigator

Completed support:

1 P20 RR15592 (Wise/Kelly), 9/15/00-8/31/05; NIH/NCRR "Center of Biomedical Research Excellence in Women's Health." Training grant to evaluate SERMS and their impact on brain structure and function. Role: Co-Investigator

1 R01 DC04969 (Berger, PI), 9/26/00-8/31/03; NIH/NIDOC "MR Predictors of Response to HAART in HIV Dementia." Role: Co-Investigator

1-R01-MH63040-01 (Avison, PI). 9/26/00-8/31/03 - NIH/NIMH. "MRI Probes of BBB Integrity in HIV dementia" Role: Co-Investigator

Tempurpedic, Inc. An evaluation of Tempurpedic vs standard foam mattresses on agitation in nursing home patients with Alzheimer's disease, (Schmitt, PI), (08/05-04/06).

Forest Research Institute, MEM-MD-10: A Randomized, Double-Blind, Placebo-Controlled Evaluation of the Safety and Efficacy of Memantine in Patients with Mild to Moderate Dementia of the Alzheimer's Type, Cooper (PI), (1/02 – 1/03), Co-PI.

Forest Research Institute, MEM-MD-11: A Long-Term Extension Study Evaluating the Safety and Tolerability of BID and QD Administration of Memantine in Patients with Mild to Moderate Dementia of Alzheimer's Type, Cooper (PI), (7/02 – 7/03), Co-PI.

Forest Research Institute, MEM-MD-12: A Randomized, Double-Blind, Placebo-Controlled Evaluation of the Safety and Efficacy of Memantine in Patients with Mild to Moderate Dementia of the Alzheimer's Type, Cooper (PI), (6/02 – 6/03), Role: Co-PI.

Forest Research Institute, NER-01 & NER-02: A Randomized, Double-Blind, Placebo-Controlled Evaluation of the Safety and Efficacy of Neramexane in Patients with Mild to Moderate Dementia of the Alzheimer's Type, Cooper (PI), (6/03 – 6/05), Role: Co-PI.

- Kryscio, R. & Schmitt, F. "Biostatistical methods and Alzheimer's disease". NIA, 2002-2003. (coPI)
- Schmitt, F.A., Markesbery, W.R., et al., "Substrates of mild cognitive impairment: vascular and AD pathologies." NIA/ADRC supplement – 2001-2002.
- Morris, J.C., et al. "Neuropathologic correlates of nondemented aging". NIA/NACC – 2001-2002.
- Cragar, D., Fakhoury, T., & Schmitt, F.A. 'Prediction of non-epileptic seizures using personality measures'. *National Epilepsy Foundation Fellowship*, 7/2001 – 6/2002.
- Regine, W., Schmitt, F. & Patchell, R. 'Cognitive sequelae of whole brain radiation'. Radiation Treatment Oncology Group; 11/2000 – 12/2001.
- Wekstein, D. & Schmitt, F. 'Normal Data Initiative'. NIA-NACC; 5/1/2000 – 4/30/2001 (Co-PI).
- Markesbery, W., et al. Alzheimer's Disease Research Center. NIA: 2P50AG05144-07; 2000-2005, (Co-I).
- Andrykowski, M. 'Cognitive Behavioral Aspects of Cancer-Related Fatigue' – NCI R01, 1999-2004. (Co-I).
- Wise, P., et al. 'Center of Biomedical Research Excellence in Women's Health Training Grant' – NIH/NCRR, 1P20 RR15592, 2000-2005, Co-I.
- Schmitt, F.A., et al. "A multicenter trial of Rofecoxib and Naproxen in Alzheimer's disease". NIA/ADCS, 1999-2002.
- Cibula, J, Cragar, D., Berry, D., & Schmitt, F.A. 'Prediction of non-epileptic seizures using motivational measures'. National Epilepsy Foundation, 6/1999 – 5/2000.
- Ashford, J.W. & Schmitt, F.A. "Olanzapine vs. valproic acid in the treatment of psychosis and associated behavioral disturbances in nursing home patients with dementia". Lilly, 2000-2001.
- Ashford, J.W. & Schmitt, F.A. "Olanzapine vs. risperidone and placebo in the treatment of psychosis and associated behavioral disturbances in patients with dementia". Scirex/Lilly, 1999-2001.
- Schmitt, F.A. "A randomized, double-blind, placebo-controlled trial to evaluate the safety and efficacy of vitamin E and donepezil HCL to delay clinical progression from Mild Cognitive Impairment to Alzheimer's disease". NIA/ADCS, 1999-2003.
- Schmitt, F.A. "A multicenter, double-blind, placebo-controlled study of memantine in patients with advanced Alzheimer's disease". Merz, GMBH, 1997-2000.
- Schmitt, F.A., Markesbery, W.R., Smith, C.D., Wekstein, D. 'MRI volumetrics in at risk normal elderly'. NIA-ADRC supplement, 4/1998 – 5/1999.
- Kryscio, R. & Schmitt, F.A. "Biostatistical methods and Alzheimer's disease". NIA. 1997-1998, (coPI).
- Smith, C.D. et al. "Functional magnetic resonance imaging and risk for Alzheimer's disease". NIA, 1998-2001, (co-I).
- Schmitt, F.A. & Ashford, J.W. "A double-blind safety and efficacy study of Idebenone in patients with probable Alzheimer's disease". Takeda America, 1997-1998.
- Schmitt, F.A. & Ashford, J.W. "A randomized, double-blind, placebo-controlled safety and efficacy trial of Idebenone in patients with probable Alzheimer's disease". Takeda America, 1996-1998.
- Schmitt, F.A. & Ashford, J.W. "A multicenter, placebo-controlled trial of melatonin for sleep disturbance in Alzheimer's disease. NIA/ADCS, 1998.
- Schmitt, F.A. "Issues in geriatric medicine: conference grant". Pfizer, Inc. 1997.
- Schmitt, F.A., et al. "Endocrine Calcium/Phosphate Regulation, Brain Metabolism, & Alzheimer's Disease". NIA. 1992-1997, Program Project Grant, P. Landfield, PI.
- Schmitt, F.A. & Ashford, J.W. "A multicenter, double-blind, placebo-controlled study of estrogen replacement therapy in patients with mild to moderate Alzheimer's disease". NIA/ADCS, 1996-1997.
- Ashford, J.W. & Schmitt, F.A. "A multicenter, double-blind, placebo-controlled study of haloperidol, trazodone, and behavioral therapy for agitation in patients with Alzheimer's disease". NIA/ADCS, 1997-1998.
- Thal, L.J., et al. "Alzheimer's Disease Cooperative Study Unit". NIA. 1997-2002, (Co-I & site PI).
- Wermeling, D., Ashford, J.W., & Schmitt, F.A. "A Phase III study of metrifonate for the treatment of Alzheimer's disease." Miles Pharmaceuticals. 1995-1997, (co-I).
- Markesbery, W., et al. Alzheimer's Disease Research Center. 2P50AG05144-07; 1995-2000, (Co-I).
- Young, B., et al. "Mechanisms of brain injury and its systemic sequelae" NINDS. P01 N631220-1A1; 1994-1999, (Co-I).
- Ashford, J.W., Schmitt, F.A., & Wermeling, D. "A controlled trial of metrifonate for the treatment of Alzheimer's disease." Miles Pharmaceuticals. 1994-1996, (co-PI).
- Pettigrew, L.C., Schmitt, F.A., & Wermeling, D. "Phase I study of metrifonate in Alzheimer's disease." Miles Pharmaceuticals. 1992-1994, (co-PI).
- Schmitt, F.A. & Nelson, K.N. "Efficacy of Ondansetron in the Treatment of Alzheimer's disease." Glaxo, Inc. 1993-1995, (PI)

- Thal, L.J., et al. "Alzheimer's Disease Cooperative Study Unit". NIA. 1991-1996, (Co-I & site PI).
- Krivit, W., et al. Control Study of Value of BMT for Storage Diseases. NINDS. 1991-1996, (Co-I).
- Johnson, M., Riggle, E., & Schmitt, F.A. "Age Differences in Decision Making Performance". National Institute on Aging. 1991-1996, (Co-I).
- Lanska, D., & Schmitt, F. "Efficacy of 90 & 120 mg of DuP-996 in the Treatment of Alzheimer's Disease". DuPont Pharmaceuticals. 1991-1993, (Co-PI).
- Schmitt, F., & Lanska, D. "A Placebo-Controlled Study of Acetyl-L-Carnitine in Patient's with Alzheimer's Disease". Sigma-Tau Pharmaceuticals. 1991-1994, (PI).
- Lanska, D., & Schmitt, F. "Efficacy of 30 & 90mg of DuP-996 in the Treatment of AD". DuPont Pharmaceuticals. 1990-1992, (Co-PI).
- Schmitt, F., & Knox, C. "Efficacy of DuP-996 in the Treatment of Alzheimer's Disease". DuPont Pharmaceuticals. 1990-1991, (PI).
- Markesbery, W. Alzheimer's Disease Research Center. NIA. 2P50AG05144-07; 1990-95, (Co-I).
- Schmitt, F. "Neuropsychological efficacy of ddC and AZT in AIDS and ARC". Hoffmann-LaRoche. 1989-1994, (PI).
- Andrykowski, M., Schmitt, F., & Henslee, J. "Neuropsychological functioning of adult bone marrow transplant recipients". UK Research Fund. 1989-1990, (Co-PI).
- Markesbery, W., et al. "Biochemical, morphological, & trace element studies in AD". National Institute on Aging. 2PO1 AG05119-05; 1989-1994, (Co-I).
- Schmitt, F., Berry, D., Phillips, B., & Cook, Y. "Sleep disordered breathing and cognitive deficits in Alzheimer's Disease". NIA: Alzheimer's Disease Research Center. 1989-1990, (PI).
- Schmitt, F., Cotanch, P., & Laszlo, J. "Effects of alpha interferon on cognition & affect". Burroughs Wellcome Company. 1985-1987, (PI).
- Schmitt, F., "Neuropsychological evaluation of antiviral therapy for AIDS patients". Burroughs Wellcome Company. 1986-1987, (PI).
- Cook, Y., Berry, D., Phillips, B., Schmitt, F., Gilmore, R. "Sleep disordered breathing in the aged". UKPSP: 1986-1987, (Co-I).
- Cook, Y., Gilmore, R., Berry, D., Schmitt, F., Phillips, B. "Sleep disordered breathing in the aged". UKBRSG: 1987-1988, (Co-I).
- Cook, Y., Phillips, B., Schmitt, F., & Berry, D. "Evaluation and treatment of periodic movements of sleep in the elderly". UKSRPA: 1987-1988, (Co-I).
- Phillips, B., Berry, D., Cook, Y., & Schmitt, F. "Treatment of sleep apnea in the elderly". Sanders-Brown Center: 1987-1988, (Co-I).
- Berry, D., Phillips, B., Cook, Y., & Schmitt, F. "Sleep disordered breathing in the elderly: One year followup". Kentucky Lung Association: 1987-1988, (Co-I).

INVITED PRESENTATIONS:

- Schmitt, F.A. "Evaluation of advanced Alzheimer's disease for clinical trials". Invited presentation at the European Alzheimer's Disease Symposium, Graz, Austria, August, 2001.
- Schmitt, F.A. "Substrates of Mild Cognitive Impairment". Invited presentation at the Lilly Symposium on Mild Cognitive Impairment, Indianapolis, IN, April, 2001.
- Schmitt, F.A. "Neuropsychological correlates of capacity to consent to treatment and research in Alzheimer's disease. Invited presentation at the Annual Association of Psychiatry and Law meeting, Vancouver, BC, October, 2000.
- Schmitt, F.A., et al. "Cognitive and neuropathological aspects of mild cognitive impairment". Invited presentation at the meeting: Current Concepts of Mild Cognitive Impairment, Chicago, IL, June, 1999.
- Schmitt, F.A. "Decision making and objective evaluation of therapy for Alzheimer's disease". Invited presentation at the Gerontological Society of America Annual Conference, Cincinnati, OH, November 1997.
- Schmitt, F. A. "Evaluating patient's with severe Alzheimer's disease in clinical trials". Presented at the Annual Mt Sinai Medical Center Conference on Therapeutics in Alzheimer's disease. New York, NY, October, 1997.
- Schmitt, F. A. "Mechanisms and potential therapies for Alzheimer's disease". Presented at the Annual American Academy of Family Physicians Conference, Louisville, KY, June, 1997.

- Schmitt, F.A. & ADCS Group "Measurement of the severely impaired AD patient". Presented at the meeting on: Therapeutic Approaches to Dementia, Nice, France, April, 1996.
- Schmitt, F.A., Logue, P.E. "Evaluation of affective disorders in advanced HIV+ persons and response to clinical trial enrollment and antiretroviral therapy". Presented at the NIMH sponsored conference: Mental Health Issues in HIV/AIDS Research: Clinical Challenges and Research Directions. NIMH, November, 1993.
- Schmitt, F.A. "Issues in HIV-1 Dementia". Presented at the NIMH sponsored conference: Psychopharmacology and HIV-1 infection: Clinical challenges and research directions. Smithsonian Institution, April, 1993.
- Schmitt, F.A. "Treatment of HIV-1 associated dementia". Presented at the World Congress of Biological Psychiatry: World Health Organization Symposium on HIV-1 associated dementia, Florence, Italy, June, 1991.
- Schmitt, F., Bigley, J., & AZT Collaborative Work Group. "Neuropsychological correlates of immune system status & AZT therapy in AIDS & ARC". Presented at the Neurological & Neuropsychological Complications of HIV Infection: Overview & Update Conference. Quebec, June, 1989.
- Schmitt, F.A. "Neuropsychological impairment with HIV infection: AIDS dementia complex and AZT treatment". Invited presentation for the NIH AIDS seminar series. April, 1989.
- Schmitt, F.A. Evaluation of cognitive deficits with HIV infection. Invited presentation at the NIH Neuropsychological Assessment and Performance Workshop, Bethesda, MD, May, 1988.
- Schmitt, F.A. "Developments in AIDS chemotherapies". Invited presentation at the National Conference on Spectrum of Dementing Illnesses. Columbia, SC, November, 1987.

TEACHING: Developmental Psychology; Adult Development & Aging; Biomedical Aspects of Aging Practicum: Clinical Neuropsychology; Contemporary Neuroscience; Life-Span Neuropsychology UK Family Medicine CME – 1998-2002; 2005
Department of Psychology: multiple master's theses and dissertations.
Department of Gerontology: multiple master's theses and dissertations.

CONSULTING:

- Eisai, Inc. Consultant for evaluation of anticholinesterase therapy in Down syndrome and dementia. (2007).
- Eisai & Pfizer, Inc., Consultant for EMEA severe indication for donepezil (2006).
- Wyeth Laboratories, Consultant for clinical trials in dementia (2004).
- Merz, GMBH, Consultant for clinical trials in advanced dementia (1998-2005).
- Forrest Pharmaceuticals, Inc. Consultant for clinical trials in advanced dementia (2001-present).
- Eisai, Inc. & Pfizer, Inc. Consultant for clinical trials in advanced dementia (2000 – present).
- Eisai, Inc. Consultant for Mild Cognitive Impairment clinical trials (1999).
- Quintiles, Inc. Scientific advisory board for Alzheimer's disease therapeutic trials (1998 – 2002).
- Pfizer, Inc. Speakers bureau (1996-present).
- Interneuron Pharmaceuticals, Inc. Neuropsychological measures of treatment efficacy for stroke (1997).
- Glaxo-Wellcome, Inc., Antiviral Clinical Research: Neuropsychological measures of treatment efficacy for pediatric HIV infection (1993-1998).
- Bristol-Meyers Squibb Co., Antiviral Clinical Research: Neuropsychological measures of treatment efficacy for HIV infection (1990-1994).
- Hoffmann-LaRoche, Inc., Neuropsychological efficacy measures of antiviral treatments (1989-1994).
- Dupont Co., Medical Division: Design of neuropsychological outcome studies in Alzheimer's and AIDS dementia (1988-1991).
- Burroughs Wellcome Co., Department of Virology: Consulting on ongoing clinical trials of HIV therapy (1988-1995).
- Hyperion Corporation: Design of computer assistance devices for patients with memory impairment (1989).
- Fayette Co. Schools, Dept. of Special Education, Lexington, KY: Consultant for inservice education in the evaluation of children with learning disabilities and attention deficit disorders (1987-1992).
- Burroughs Wellcome Co., Departments of Oncology & Nursing, Duke Medical Center: Cognitive Assessment in interferon therapy and cancer (1982 - 1988).
- Warner-Lambert/Parke-Davis Pharmaceuticals: Design and development of outcome measures in clinical drug trials in AD (1983).
- Miles Pharmaceuticals: Protocol development for clinical drug trials in AD (1983).
- Human Resources Division, Shaw University, Raleigh, NC: Development of courses for an undergraduate

gerontology specialty program (1984).

Research Triangle Institute, Research Triangle, NC: Development of NASA technology for use as wandering/memory aids by older adults (1985).

National Committees:

1999-2002: Radiation Treatment Oncology Group Brain Radiation Committee
 1999-2002: Radiation Treatment Oncology Group Quality of Life Committee
 1990-2000: Alzheimer's Disease Cooperative Study – Instrument Development Committee
 1991-1995: Alzheimer's Disease Cooperative Study – Chair, Severe Impairment Committee
 1990-present: American Foundation for AIDS Research Scientific Advisory Committee

Regional Committees:

Regional Alzheimer's Association Advisory Committee (2004 – 2006)

University Committees:

Alzheimer's Disease Center, Executive Committee (1992-present)
 Graduate Center for Gerontology Steering Committee (2006-present)
 Clinical Trials Subcommittee (1996-1997) Women's Health Initiative Committee (1997)
 Dean's Committee on Faculty Promotions (1998) KCRIS Finances Committee (1998)
 College of Medicine Research Committee (1997-present) ICIS Research Committee (1998-1999)
 PMR 5-year Review Committee (1999)

Journal & Grant Reviews / Editing:

Publications Committee (1992 - 2000): *National Academy of Neuropsychology*
Editor: Science News: *National Academy of Neuropsychology Bulletin* (1993 - 1996)
Editor: *National Academy of Neuropsychology Bulletin* (1996 - 1998)
Editorial Board: *International Journal of Geriatric Psychopharmacology* (1995-1999)
Guest Editor: *Statistics in Medicine, Journal of Alzheimer's Disease*

Reviewer: *Aging and Human Development, Alzheimer's & Dementia, Alzheimer Disease & Associated Disorders, Alzheimer's Disease Review, American Journal of Psychiatry, Archives of Neurology, Annals of Neurology, Developmental Neuropsychology, Experimental Aging Research, Electro- and Magnetobiology, Expert Opinion on Pharmacotherapy, Journal of Applied Gerontology, Journal of the American Geriatrics Society, Journals of Gerontology, Journal of Clinical Pharmacology, Journal of Acquired Immune Deficiency Syndrome, Journal of Alzheimer's Disease, Journal of Geriatric Psychiatry and Neurology, Neurology, Neuropsychology, Neurobiology of Aging, Perceptual and Motor Skills, Statistics in Medicine.*

National Institute on Aging: Special Emphasis Panel on Clinical Trials (1999 – present).

National Institute on Aging: Special Emphasis Panel (ZAG1-ZIJ-7-J4: 2003).

Ad Hoc Reviewer / Site Visitor / Academic Consultant:

Alzheimer's Association, American Foundation for AIDS Research (AmFAR), American Psychological Association (Division 20 Annual Program), Medical Research Council, National Science Foundation, Gerontological Society of America (Annual Program), National Cancer Institute, International Neuropsychological Society (Annual Program), National Institute on Aging, National Institute of Neurological Disorders & Stroke, National Institutes of Health - Epidemiology Section, National Institute on Alcohol and Alcohol Abuse (Special Review Committee), National Institute of Mental Health, National Multiple Sclerosis Society, University of Alabama-Birmingham: ADRC External Advisory Committee (1995-present), UNC - Chapel Hill: HIV Research Center External Advisory Committee (1990-1994), VAMC Merit Review Committee (1998-2001)