

CURRICULUM VITAE

Donald R. Royall, M.D.

I. GENERAL INFORMATION:**A. Personal Data:**

DATE OF BIRTH September 2, 1957

SPOUSE Caroline Royall, née Binet
Toulouse, France
(Translator /Interpreter)

CHILDREN Emily Royall, born September 5, 1988

PRESENT ADDRESS 2807 Deer Ledge
San Antonio, Texas 78230

E-MAIL royall@uthscsa.edu

TELEPHONE (210) 340-0012 (Home/FAX)
(210) 567-1255 UTHSCSA
(210) 567-1269 UT FAX
(210) 617-5300 (x5197) GRECC

OBJECTIVES

Translational clinical research in geriatric psychiatry /medicine. Special interests in geriatric assessment and functional outcomes in normal aging and dementing illnesses. Expertise in measure development, clinical trials, longitudinal studies, and executive function.

SUMMARY OF QUALIFICATIONS

Diplomate, American Board of Internal Medicine, 1987
Diplomate, American Board of Psychiatry and Neurology, 1993
Certificate of Added Qualifications in Geriatric Psychiatry, 1995, 2004
Passed FLEX, 1984
State medical license in Texas

B. Education:

1984 M.D.

University of Texas Medical School at Houston

1980	B.S.	Psychology Magna cum laude	Texas A & M University /College Station, Texas
1980	B.S.	Biology Magna cum laude	Texas A & M University /College Station, Texas

C. Postgraduate Training:

1987 - 1990	Residency	Psychiatry	Johns Hopkins Hospital/ Baltimore, Maryland
1985-1987	Residency	Internal Medicine	Johns Hopkins Hospital/ Baltimore, Maryland
1984-1985	Internship	Internal Medicine	Johns Hopkins Hospital/ Baltimore, Maryland

D. Academic Appointments:

2008-Present Cross Appointment	Professor Department of Family & Community Medicine	University of Texas Health Science Center at San Antonio
2004-2010 Cross Appointment	Professor Department of Pharmacology	University of Texas Health Science Center at San Antonio
2000-Present	Professor Department of Psychiatry	University of Texas Health Science Center at San Antonio
2000-Present Joint Appointment	Professor Department of Medicine	University of Texas Health Science Center at San Antonio
1998-2004 Cross Appointment	Associate Professor Department of Pharmacology	University of Texas Health Science Center at San Antonio
1996-2000	Associate Professor Department of Psychiatry	University of Texas Health Science Center at San Antonio
1996-2000 Joint Appointment	Associate Professor Department of Medicine	University of Texas Health Science Center at San Antonio
1990-1996	Assistant Professor Department of Psychiatry	University of Texas Health Science Center at San Antonio
1990-1996 Joint Appointment	Assistant Professor Department of Medicine	University of Texas Health Science Center at San Antonio

E. Other Employment:

1990-Present	Faculty/Staff Physician	Audie L. Murphy VA Hospital Geriatric Research Education and Clinical Care Program (GRECC) San Antonio, Texas
1990-1994	Clinical Director of Geriatric Services	Southwest Neuropsychiatric Institute San Antonio, Texas
1993-1994	Medical Director	Geropsychiatry Day Hospital Southwest Neuropsychiatric Institute San Antonio, Texas
1994-Present	Director of Research	Freedom House Foundation San Antonio, Texas
1994-Present	Geriatric Consultant	Air Force Village Retirement Community San Antonio, Texas
1990-Present	Geriatric Consultant	Morningside Manor Nursing Home and Retirement Community San Antonio, Texas
1994-1995	Geriatric Consultant	Mission Vista Hospital Geriatric Day Treatment Program San Antonio, Texas
1989-1990	Geriatric Consultant	Geropsychiatry Associates Baltimore, Maryland

F. Licensure:

1. Certification:

Date	Board	Number
1987	American Board of Internal Medicine	Not applicable
1993	American Board of Psychiatry and Neurology	38417
1995, 2004	American Board of Psychiatry and Neurology with Certificate of Added Qualifications in Geriatric Psychiatry	1557

2. Recertification: Not applicable

3. Licensure:

Texas	2/22/86	Permanent	G9385	11/30/04
Maryland	8/20/87	Full	D35663	Allowed to expire 8/90

G. Honors and Awards

- 20012-2015 Listed "Best Doctors in San Antonio". *San Antonio Magazine*.
- 2010 Listed "*Best Doctors in America 2011-2012*".
- 2009 Listed "*Best Doctors in America 2009-2010*".
- 2007-2008 Listed "Best Doctors in San Antonio". *San Antonio Magazine*.
- 2007 Invited participant. 5th Annual National Academies Keck Futures Initiative (NAKFI) conference, *The Future of Human Healthspan: Demography, Evolution, Medicine, and Bioengineering*. Irvine, CA. November 14-16, 2007.
- 2006 Invited outside peer reviewer of the American Psychiatric Association's Practice Guideline for the Treatment of Patients With Alzheimer's Disease and Other Dementias of Late Life, 2nd edition.
- 2005 CLOX (©Royall 1995) recommended for the dementia screening of older adults by the British Geriatrics Society and the Faculty of Old Age Psychiatry Consensus Group Guidelines for the Management of Dementia Patients. Website accessed May 12, 2006.
<http://www.bgs.org.uk/Publications/Publication%20Downloads/Deliriou-s-about-dementia.pdf>
- 2005 2004-2005 Psychiatry Residents' Research Mentor Award
- 2004 Tenure conferred
- 2004 2003-2004 Psychiatry Residents' Research Mentor Award

- 2003 CLOX (©Royall 1995) recommended for executive impairment screening. *Best Practices in Nursing Care for Hospitalized Older Adults with Dementia from the John A. Hartford Institute for Geriatric Nursing and the Alzheimer's Association*. 2003; Vol.1, number 3.
- 2003 Recipient of the Julia H. and Vann Buren Parr Endowment for Alzheimer's Research in Psychiatry
- 2003 Listed: "Guide to America's Top Physicians, 2002-2003" Consumers' Research Council of America
- 2002 Listed: "Guide to America's Top Psychiatrists, 2002-2003" Consumers' Research Council of America
- 1998 Listed: "Best Doctors in America: 1998-1999"
- 1996 Listed: "Best Doctors in America: Central Region 1996-1997"
- 1993 Finalist: International Psychogeriatrics Research Award Competition
- 1993 Invited Lecture "Management of Behavior Problems" rated Best Presentation of the Meeting by the Participants. 14th Annual Conference on Aging: Issues in Long Term Care. San Antonio, Texas
- 1991 Geriatrics rotation voted "Gold Standard" clinical teaching service by residents in the department of Psychiatry
- 1991 Veterans' Administration "Superior Performance Award"
- 1989 Invited participant: "5th Annual National Institute on Aging Summer Institute on Aging Research".
- 1983 Alpha Omega Alpha Medical Honors Society
- 1976-1980 Texas A&M Thomas J. Stancliff President's Endowed Scholar
- 1976 Salutatorian: Cypress-Fairbanks High School, Houston, TX
- 1975 First Place: Earth /Space Science. Houston, TX Regional Science Fair

H. Teaching:

Developed curriculum for first departmental PGY-3 Geropsychiatry Seminar

Developed curriculum for first departmental PGY-4 Geropsychiatry Seminar
Developed curriculum for PGY-5 Geropsychiatry Fellows:
Dr. Royall has supervised one Geropsychiatry Fellow each year 1991-1996 and 2000-present.
Developed curriculum for MS-IV Geriatric Psychopharmacology Seminar
Developed digital multi-media training materials for the Executive Interview (EXIT25) and CLOX: An Executive clock-drawing task.

I. Intellectual Property:

The Executive Interview (EXIT25) ©Royall 1992, 1995

The EXIT25 provides a brief, clinically-based, bedside measure of executive control functions (ECF). EXIT25 scores have been used to identify the presence and severity of executive impairments, and to predict problems in self-care, functional status, decision-making capacity, and problem behavior. The EXIT25 has been validated mainly in elderly persons, but has also been used in a wide range of other populations, including medical patients, psychiatric patients, Adult Protective Service clients, community samples, and as an outcome measure in clinical trials. It is available in many languages including English and Spanish, but published validation studies exist only for Dutch, Brazilian Portuguese, and Cantonese Chinese translations.

CLOX: An Executive Clock-drawing Task ©Royall 1995, 1998

CLOX provides a brief, clinically-based, bedside measure of ECF. It is based on a simple clock-drawing task (CDT). CLOX1 scores have been used to identify the presence and severity of executive impairments, and to predict problems in self-care, functional status, "life space", financial decision-making capacity, and driving abilities. CLOX2 scores predict all-cause mortality. CLOX has been validated mainly in elderly persons, but has also been used in a wide range of other populations, including medical patients, psychiatric patients, Adult Protective Service clients, community samples, and as an outcome measure in clinical trials. It is available in many languages including English and Spanish. Extensive Spanish language norms are available.

Provisional Patent Application 61/603,226 filed 2/24/12.

U.S. Patent Application: 13/776,661

"A Latent Variable Approach to the Identification and/or Diagnosis of Cognitive Disorders" STTM Tech ID 2012.039

A method to isolate clinically salient variance in any battery of clinical measures and direct it towards any desired clinical outcome through the creation of latent variables in a structural equation model (SEM) framework. Specific applications might be a phone app or website running latent variables derived from cognitive test scores that

emulate the independent clinical diagnoses of experienced clinicians.

Provisional patent application 61/671,858 filed 7/16/12.

U.S. Patent Application: 13/943,654

“A Serum Biomarker Screen for the Diagnosis of Clinical and Pre-clinical Alzheimer’s Disease in Non-Hispanic Populations” STTM Tech ID 2012.055

This describes a specific application of the above methodology to the clinical diagnosis of MCI using serum analytes. A panel of 10 analytes achieves a receiver operating curve (ROC) area under the curve (AUC) of 0.85 for the discrimination between Mild Cognitive Impairment (MCI) vs. controls, independently of age, gender, education and batch effects. This result pertains to non-hispanic whites (NHW) only and not Mexican-Americans (MA), suggesting that these ethnicities convert to MCI by different biological mechanisms. This can become a rapid serum screening test for MCI in NHW.

Provisional patent application 62/112,703 filed 2/6/15.

“Methods and Approach for Detection and Prediction of Change in Dementia Severity or Clinical Diagnosis over Time”

This describes a specific application of the above methodology. δ homologs, created as latent variables in a structural equation model (SEM) framework, and estimated by a phone app or website from almost any convenient cognitive battery can be used to detect clinically salient cognitive change (i.e., in clinical trials of anti-dementia interventions) or to predict future dementia status (and /or conversion) from baseline cognitive assessment. δ orthologs can detect change in other cognitive-related outcomes or transition to other cognitively-related clinical states.

III. RESEARCH:

A. Bibliography:

1. Books and or Chapters: * *peer reviewed*

2011 **Royall DR.** Executive Interview [invited book chapter] *The Encyclopedia of Clinical Neuropsychology*. Kreutzer, Jeffrey; DeLuca, John; Caplan, Bruce (Eds.) 1st Ed., Springer, 2011, Part. V. pp. 992-997.

2007 **Royall DR.** Exercise Diabetes and Cognition. In W. W. Spirduso, L. W. Poon, & W. Chodzko-Zajko (eds.) *Aging, Exercise, and Cognition Volume II: Exercise and its Mediating Effects on Cognition*. Human Kinetics, Champaign, IL, 2008; Chapter 12, pp. 183-196.

- 2005 **Royall DR.** Executive Control Function in “Mild” Cognitive Impairment (MCI) and Alzheimer disease (AD). In: *Alzheimer's Disease and Related Disorders. Annual 5* - Chapter 3. Serge Gauthier, MD, Philip Scheltens, MD, PhD, and Jeffery L. Cummings, MD Editors. Taylor & Francis, New York, pp. 35-62.
- 2003 **Royall DR,** Vicioso, B. Aging Overview. In Michael Aminoff and Robert B. Daroff (Eds) *Encyclopedia of the Neurological Sciences* Vol. 1, pp. 53-57. Academic Press, San Diego, 2003
- 2002 **Royall DR.** Bedside assessment of vascular dementia. In S. Gauthier & T. Erkinjuntti (Eds.) *Vascular Cognitive Impairment* Chapter 18. Martin Dunitz Ltd., London, pp 307-322.
- *1997 **Royall DR.** Dementia. In: D.B. Reuben, T.T. Yoshikawa and R.W. Besdine (Eds.) *Geriatric Review Syllabus: A Core Curriculum in Geriatric Medicine, 3rd Ed.* American Geriatrics Society, New York, N.Y., 105-114.
- *1996 **Royall DR,** Mahurin RK. Executive cognitive functions: Neuroanatomy, measurement and clinical significance. In: LJ Dickstein, JM Oldham and MB Riba (Eds.) *Review of Psychiatry vol. 15.* American Psychiatric Press, Washington D.C., Chapter 9, pp 175-204.

2. Papers: * peer reviewed

a) Published:

- *2016 **Royall DR,** Palmer RF. Aging is a weak but relentless determinant of dementia severity. *Oncotarget (Gerotarget/Aging)*, 2016;7:13307-13308. doi: 10.18632/oncotarget.7759.
- *2016 **Royall DR,** Palmer RF. Thrombopoietin is associated with δ 's intercept, and only in Non-Hispanic Whites. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 2016;3:35-42. doi: 10.1016/j.dadm.2016.02.003.
- *2016 Palmer RF, **Royall, DR.** Future dementia severity is almost entirely explained by the latent variable δ 's intercept and slope. *Journal of Alzheimer's Disease*, 2016;49:521-529.
- *2016 **Royall DR,** Palmer RF, Matsuoka T, Kato Y, Taniguchi S, Ogawa M, Fujimoto H, Okamura A, Shibata K, Nakamura K, Nakaaki S, Koumi H, Mimura M, Fukui K, Narumoto J. δ -scores are exportable across cultural and linguistic boundaries. *Journal of Alzheimer's Disease*, 2016;49:561-570.

- *2016 **Royall DR**, Palmer RF, Matsuoka T, Kato Y, Taniguchi S, Ogawa M, Fujimoto H, Okamura A, Shibata K, Nakamura K, Nakaaki S, Koumi H, Mimura M, Fukui K, Narumoto J. Greater than the sum of its parts: δ can be constructed from item-level data. *Journal of Alzheimer's Disease*, 2016;49:571-579.
- *2015 **Royall DR**, Matsuoka T, Palmer RF, Kato Y, Taniguchi S, Ogawa M, Fujimoto H, Okamura A, Shibata K, Nakamura K, Nakaaki S, Koumi H, Mimura M, Fukui K, Narumoto J. Greater than the sum of its parts: δ improves upon a battery's diagnostic performance. *Neuropsychology*, 2015;29:683-692.
- *2015 **Royall DR**, Bishnoi R, Palmer RF. Serum IGF-BP2 Strongly Moderates Age's Effect on Cognition: A MIMIC Analysis. *Neurobiology of Aging*, 2015;36:2232-2240.
- *2015 Bishnoi R, Palmer RF, **Royall, DR**. IL-15 as a serum biomarker of Alzheimer disease. *PLoS ONE*, 2015;10: e0117282.
- *2015 Salazar R, Palmer RF, **Royall DR**. Neuropsychiatric symptoms in community-dwelling Mexican-Americans: Results from the Hispanic EPESE study. *International Journal of Geriatric Psychiatry*, 2015;30:300-307.
- *2015 Bishnoi R, Palmer RF, **Royall, DR**. Vitamin D binding protein as a serum biomarker of Alzheimer disease. *Journal of Alzheimer's Disease*, 2015;43:37-45.
- *2015 **Royall DR**, Palmer RF. Ethnicity moderates dementia's biomarkers. *Journal of Alzheimer's Disease*, 2015;43:275-287.
- *2014 **Royall DR**, Palmer RF. "Executive functions" cannot be distinguished from general intelligence: Two variations on a single theme within a symphony of latent variance. *Frontiers in Behavioral Neuroscience*. 2014;8:369. doi:10.3389/fnbeh.2014.00369
- *2014 **Royall DR**, Palmer RF. The temporospatial evolution of NP-related and independent tauopathies: Implications for dementia staging. *Journal of Alzheimer's Disease*, 2014;40:541-549.
- *2014 **Royall DR**, Palmer RF, Chiodo LK, Polk M. Towards an aging specific cognitive phenotype: The Freedom House Study. *Experimental Aging Research*, 2014;40:245-265.
- *2014 Salazar R, Velez CE, **Royall DR**. Telephone screening for Mild Cognitive Impairment in Hispanics using the Alzheimer's Questionnaire. *Experimental Aging Research*, 2014;40:129-139.

- *2014 **Royall DR**, Salazar R, Palmer RF. Latent Variables May be Useful in Pain's Assessment. *Health and Quality of Life Outcomes*. 2014;12:13. doi:10.1186/1477-7525-12-13.
- *2014 **Royall DR**, Palmer RF. Does Ethnicity Moderate Dementia's Biomarkers? *Neurobiology of Aging*, 2014;35:336-344.
- *2013 O'Bryant SE, Johnson LA, Reisch J, Edwards M, Hall J, Barber R, Devous M, **Royall D**, Singh M. Risk factors for mild cognitive impairment among Mexican Americans. *Alzheimer's & Dementia*, 2013;9:622-631.
- *2013 **Royall DR**, Palmer RF. Validation of a latent construct for dementia case-finding in Mexican-Americans. *Journal of Alzheimer's Disease* 2013;37:89-97.
- *2013 Schillerstrom JE, Birkenfeld EM, Yu AS, Goldstein DJ, **Royall DR**. Neuropsychological correlates of performance based functional status in elder Adult Protective Services (APS) referrals for capacity assessments. *Journal of Elder Abuse and Neglect*, 2013;25:294-304.
- *2013 **Royall DR**, Palmer RF. Alzheimer pathology does not mediate the association between depressive symptoms and subsequent cognitive decline. *Alzheimer's Disease & Dementia*, 2013; 9:318–325.
- *2013 **Royall DR**, Palmer RF, Vidoni ED, Honea RA. The Default Mode Network may be the key substrate of depression-related cognitive changes. *Journal of Alzheimer's Disease*, 2013;34:547-560.
- *2012b **Royall DR**, Palmer RF. Estimating the temporal evolution of Alzheimer's Disease pathology with autopsy data. *Journal of Alzheimer's Disease*, 2012;32:23-32 (**Nominated for the "2012 Alzheimer Award" by the Editors of *Journal of Alzheimer's Disease*; Selected as a "Featured Research Article" on *World Biomedical Frontiers* site).**)
- *2012 **Royall DR**, Palmer RF, Vidoni ED, Honea RA, Burns JM. The Default Mode Network and related right hemisphere structures may be the key substrates of dementia. *Journal of Alzheimer's Disease*, 2012;32:467-478.
- *2012 **Royall DR**, Palmer RF, O'Bryant SE. Validation of a latent variable representing the dementing process. *Journal of Alzheimer's Disease* 2012;30:639–649.

- *2012 **Royall DR**, Palmer RF, White LR, Petrovitch H, Ross GW, Masaki, K. Modeling regional vulnerability to Alzheimer pathology. *Neurobiology of Aging*, 2012;33:1556–1563. (Featured as a “Key Research Article” on *Progress in Psychology* site 5/2-/13).
- *2012a **Royall DR**, Palmer RF. Getting Past “g”: Testing a new model of dementing processes in non-demented persons. *Journal of Neuropsychiatry and Clinical Neurosciences*, 2012;24:37-46.
- *2012 **Royall DR**, Palmer R, Chiodo LK, Polk M. Depressive Symptoms Predict Longitudinal Change in Executive Control but not Memory. *International Journal of Geriatric Psychiatry*, 2012;27:89-96.
- *2011 King AE, Mintz J, **Royall, DR**. Meta-analysis of ¹²³I-MIBG cardiac scintigraphy for the diagnosis of Lewy Body related disorders. *Movement Disorders*, 2011; 26:1218-1224.
- *2010 Román GC, Salloway S, Black SE, **Royall DR**, DeCarli C, Weiner MW, Moline M, Kumar D, Schindler R, Posner H. A randomized, placebo-controlled clinical trial of donepezil in vascular dementia: Differential effects by hippocampal size. *Stroke*, 2010; 41:1213-1221.
- *2010 Kochunov P, Coyle T, Lancaster J, Robin D, Hardies J; Kochunov V, Bartzokies G, Stanley J; **Royall DR**, Schlosser A, Null M, Fox P. Processing speed is correlated with cerebral health markers in the frontal lobes as quantified by neuro-imaging. *NeuroImage*, 2010;49:1190-1199.
- *2009 **Royall DR**, Román GC, Cordes JA, Velez A, Edwards A, Schillerstrom JS. Sertraline improves executive function in patients with vascular cognitive impairment. *Journal of Neuropsychiatry and Clinical Neurosciences*, 2009;21:445-454 (featured on *MDLinx.com* site 12/10/09).
- *2009 Schillerstrom JS, Salazar R, Regwan H, Bonugli RJ, **Royall DR**. Executive function in self-neglecting adult protective services referrals compared to elder psychiatric outpatients. *American Journal of Geriatric Psychiatry*, 2009;17:907-910.
- *2009 **Royall DR**, Gao JH, Xiong J, Polk, MJ, Kellogg D. Asymmetric insular function predicts positional blood pressure in non-demented elderly. *Journal of Neuropsychiatry and Clinical Neurosciences*, 2009;21:173–180.

- *2009 Kochunov P, Robin D, **Royall DR**, Lancaster J, Kochunov V, Coyle T, Schlosser A, Fox P. Can structural MRI indices of cerebral integrity track cognitive trends in executive control function during normal maturation and adulthood? *Human Brain Mapping*, 2009;30:2581-2594.
- *2009 Kochunov P, Ramage AE, Lancaster JL, Robin DA, Narayana S, Coyle T, **Royall DR**, Fox P. Loss of cerebral white matter structural integrity tracks the gray matter metabolic decline in normal aging. *Neuroimage*, 2009;45:17-28.
- *2008 Fuller CD, Schillerstrom JE, Jones, WE III, Boersma M, **Royall DR**, Fuss M. Prospective evaluation of pretreatment executive cognitive impairment and depression in patients referred for radiotherapy. *International Journal of Radiation Oncology*Biological*Physics*. 2008;72:529-533.
- *2008 **Royall DR**, Palmer R, Chiodo LK, Polk MJ, Markides KS, Hazuda H. Clock-drawing potentially mediates depression's effect on mortality: Replication in three cohorts. *International Journal of Geriatric Psychiatry*. 2008;23:821-829.
- 2008 **Royall DR**. Insular Alzheimer's disease pathology and the psychometric correlates of mortality. *Cleveland Clinic Journal of Medicine*. 2008;75(2):S97-S99.
- *2008 Kochunov P, Thompson PM., Coyle T, Lancaster JL, Kochunov V, **Royall DR**, Mangine F, Riviere D, Fox P. Relationship among neuroimaging indices of cerebral health during normal aging. *Human Brain Mapping*, 2008;29:36-45.
- *2007 Schillerstrom JE, Baker PS, Allman RM, Rungruang B, Zamrini E, **Royall DR**. Clock Drawing Phenotypes in Community Dwelling African Americans and Caucasians: Results from the University of Alabama at Birmingham Study of Aging. *Neuroepidemiology*. 2007; 28:175-180.
- *2007 **Royall DR**, Schillerstrom JE, Piper PK, Chiodo LK. Depression and mortality in elders referred for geriatric psychiatry consultation. *Journal of the American Medical Directors' Association*, 2007; 8:318-321.
- *2007 Edwards K, **Royall D**, Hershey L, Lichter D, Hake A, Farlow M, Pasquier F, Johnson S. Efficacy and Safety of Galantamine in Patients with Dementia with Lewy Bodies: A 24-Week Open Label Study. *Dementia and Geriatric Cognitive Disorders*, 2007;23:301-305.

- *2007 Kochunov P, Thompson PM, Lancaster JL, Bartzokis G, Smith S, Coyle T, **Royall DR**, Laird A, Fox PT. Relationship between white matter fractional anisotropy and other indices of cerebral health in normal aging: Tract-based spatial statistics study of aging. *Neuroimage*, 2007;35:478-487.
- *2007 **Royall DR**, Chiodo LK, Mouton C, Polk, MJ. Cognitive predictors of mortality in elderly retirees: Results from the Freedom House Study. *American Journal of Geriatric Psychiatry*, 2007;15:243-251.
- *2007 Schillerstrom JE, Rickenbacker D, Joshi KG, **Royall DR**. Executive function and capacity to consent to a non-invasive research protocol. *American Journal of Geriatric Psychiatry*, 2007;15:159-162.
- *2006 Heller PL, Briones DF, Schiffer RB, Guerrero MJr., **Royall DR**, Wilcox JA, Ledger EM. Mexican heritage and cognitive functioning: Findings from an elderly southwestern sample. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 2006;18:350-355.
- *2005 **Royall DR**, Palmer R, Chiodo LK, Polk M. Normal rates of cognitive change in successful aging: The Freedom House Study. *Journal of the International Neuropsychological Society*, 2005;11:899-909.
- *2005 Kochunov P, Mangin JF, Lancaster J, Thompson P, Rivière D, Cointepas Y, Régis J, **Royall DR**, Zilles K, Mazziotta J, Fox P. Age-related morphology trends of cortical sulci. *Human Brain Mapping*, 2005;26:210–220.
- *2005 Rodriguez J, **Royall DR**, Daum L, Chambers JP. Amplification of Herpes Simplex viral DNA from formalin-fixed brain tissue. *Neuroscience Letters*, 2005;390:37-41.
- *2005 Schillerstrom JE, Horton MS, Earthman BS, Joshi KG, Schillerstrom TL, Velez AM, **Royall DR**. Prevalence, Course, and Risk Factors for Executive Impairment in Patients Hospitalized on a General Medicine Service. *Psychosomatics*, 2005; 46:411–417.
- *2005 **Royall DR**, Chiodo LK, Polk, MJ. An empiric approach to level-of-care determinations: The importance of executive measures. *Journals of Gerontology A: Medical Sciences*. 2005;60A:1059-1064.
- *2005 O'shaughnessy JA, Vukelja SJ, Holmes FA, Savin M, Jones M, **Royall D**, George M, Hoff DV. Feasibility of quantifying the effects of epoetin alfa therapy on cognitive function in women with breast cancer undergoing adjuvant or neoadjuvant chemotherapy. *Clinical Breast Cancer*. 2005;5:439-446.

- *2005 **Royall DR**, Palmer R, Chiodo, LK, Polk, MJ. Executive control mediates memory's association with change in functional status: The Freedom House Study. *Journal of the American Geriatrics Society*. 2005; 53:11-17.
- 2004 Román GC, Sachdev P, **Royall DR**, Bullock RA, Orgogozo J-M, López-Pousa S, Arizaga R, Wallin A. Vascular Cognitive Disorder: A new diagnostic category updating Vascular Cognitive Impairment and Vascular Dementia. *Journal of the Neurological Sciences*, 2004;226:81-87.
- *2004 **Royall DR**, Espino DV, Polk M, Palmer R, Markides KS. Prevalence and Patterns of Executive Impairment in the Hispanic EPES Study. *International Journal of Geriatric Psychiatry*, 2004;19:926-934.
- *2004 **Royall DR**, Chiodo LK, Polk, MJ. Missclassification is likely in the assessment of Mild Cognitive Impairment. *Neuroepidemiology*, 2004;23:185-191.
- *2004 **Royall DR**, Palmer R, Chiodo LK, Polk, MJ. Declining executive control in normal aging predicts change in functional status: The Freedom House Study. *Journal of the American Geriatrics Society*. 2004;52:346-352.
- 2003 **Royall DR**, Chiodo LK, Polk M. Executive dyscontrol in normal aging: Normative data, factor structure, and clinical correlates. In John C.M. Brust & Stanley Fahn, Eds. *Current Neurology and Neuroscience Reports* Vol. 3. Current Science Inc., Philadelphia. 2003;6:487-493.
- *2003 **Royall DR**, Palmer R, Chiodo LK, Polk MJ. Decline in learning ability best predicts future dementia type: The Freedom House Study. *Experimental Aging Research* 2003;29:385-406.
- *2003 Schillerstrom JE, **Royall DR**, Stern SL, Deuter MS, Wyatt R. Prevalence of executive impairment in patients seen by a psychiatry consult-liaison service. *Psychosomatics* 2003;44:290-297.
- *2003 **Royall DR**, Espino DV, Polk M, Verdeha R, Vale S, Gonzales H, Palmer R, Markides KP. Validation of a Spanish Translation of the CLOX for use in Hispanic Samples: The Hispanic EPES Study. *International Journal of Geriatric Psychiatry* 2003;18:135-141.
- *2002 **Royall DR**, Chiodo LK, Polk MJ, Jaramillo CJ. Severe dysosmia is specifically associated with Alzheimer-like memory deficits in non-demented elderly retirees. *Neuroepidemiology*, 2002;21:68-73.

- *2002 **Royall DR**, Palmer R, Mulroy A, Polk, MJ, Román GC, David J-P, Delacourte A. Pathological determinants of clinical dementia in Alzheimer's disease. *Experimental Aging Research* 2002;28:143-162.
- *2001 **Royall DR**, Rauch R, Román GC, Cordes JA, Polk MJ. MRI findings associated with impairment on the Executive Interview (EXIT25). *Experimental Aging Research* 27:293-308.
- *2000 **Royall DR**, Chiodo LK, Polk MJ. Correlates of Disability among Elderly Retirees with "Sub-clinical" Cognitive Impairment. *Journals of Gerontology: Medical Sciences* 55A: M541-546.
- 1999 Román GC, **Royall DR**. Executive Control Function: A rational basis for the diagnosis of vascular dementia. *Alzheimer's Disease and Associated Disorders, An International Journal* 1999;13:S69-S80.
- *1999 **Royall DR**, Mulroy A, Chiodo LK, Polk MJ. Clock drawing is sensitive to executive control: A comparison of six methods. *Journals of Gerontology: Psychological Sciences* 54B:P328-333.
- *1998 **Royall DR**, Cordes J, Polk MJ. CLOX: An executive clock-drawing task. *Journal of Neurology, Neurosurgery and Psychiatry* 64:588-594.
- *1998 **Royall DR**, Cabello M, Polk MJ. Executive dyscontrol: An important factor affecting the level of care received by elderly retirees. *Journal of the American Geriatrics Society* 1998; 46:1519-1524.
- *1997 **Royall DR**, Cordes J, Polk MJ. Executive control and the comprehension of medical information by elderly retirees. *Experimental Aging Research* 23:301-313.
- *1995 **Royall DR**, Mahurin RK, Cornell J. Effect of depression on dementia presentation: Qualitative assessment with the Qualitative Evaluation of Dementia (QED). *Journal of Geriatric Psychiatry and Neurology* 8:4-11.
- *1994 **Royall DR**, Mahurin RK, Cornell JC. Bedside assessment of frontal degeneration: Distinguishing Alzheimer's disease from non-Alzheimer's cortical dementia. *Experimental Aging Research* 20:95-103.
- *1993 **Royall DR**, Mahurin RK, True J, Anderson B, Brock PI, Freeburger L, Miller A. Executive impairment among the functionally dependent: Comparisons between schizophrenic and elderly subjects. *American Journal of Psychiatry* 1993;150:1813-1819.

- *1993 **Royall DR**, Mahurin RK, Cornell J, Gray K. Bedside assessment of dementia type using the Qualitative Evaluation of Dementia (QED). *Neuropsychiatry Neuropsychology and Behavioral Neurology* 6:235-244.
- 1993 **Royall DR**. Developing new tools for the assessment of cognitive function. *Progress in Alzheimer's Disease* 1:4.
- *1992 **Royall DR**, Mahurin RK, Gray K. Bedside assessment of executive cognitive impairment: The Executive Interview (EXIT). *Journal of the American Geriatrics Society* 1992;40:1221-1226.
- *1992 Gallo JJ, **Royall DR**, Anthony JC. Risk factors for the onset of depression in middle age and later life. *Social Psychiatry and Psychiatric Epidemiology* 28:101-108.
- *1981 **Royall DR**, Klemm WR. Dopaminergic mediation of reward: Evidence gained using a natural reinforcer in a behavioral contrast paradigm. *Neuroscience Letters*, 21: 223-229.

b) In press:

- * Salazar R, Alok D, **Royall DR**. Cross-ethnic Differences in the Burdens of Neuropsychiatric Symptoms in Persons with Mild Cognitive Impairment and Alzheimer`s Disease. *Journal of Neuropsychiatry and Clinical Neurosciences*, in press.
- * **Royall DR**, Palmer RF, Markides, KS. Exportation and validation of latent constructs for dementia case-finding in a Mexican-American Population-based Cohort. *Journals of Gerontology: Series B: Psychological Science*, in press.
- * Al-Rubaye S, Palmer RF, **Royall DR**. Serum IGF-1 Mediates Age`s Effect on Cognition. [abstract] *Journal of Neuropsychiatry and Clinical Neurosciences*, in press.

c) In review:

- * Talley AE, Schillerstrom JE, **Royall DR**. Poor clock copying abilities predicts mortality in clients referred for a decision making capacity assessment.
- * Bishnoi R, **Royall DR**, Fox PT. Grey matter volume loss in Alzheimer's Disease exhibits network properties. *Neuroimage*

3. Reviews, editorials:

- *2016 **Royall DR.** Welcome back to your future: The assessment of dementia by the latent variable “ δ ” [Editorial] *Journal of Alzheimer’s Disease*, 2016;49:515-519.
- *2013 **Royall DR.** Fortress Brain. *Medical Hypotheses*, 2013;80:118–121.
- *2010 Palmer R, **Royall DR.** Missing data? Plan on it! *Journal of the American Geriatrics Society*, 2010;58:S343-348.
- *2008 Schillerstrom JE, **Royall DR**, Palmer RF. Depression, Disability and Intermediate Pathways: A Review of Longitudinal Studies in Elders. *Journal of Geriatric Psychiatry & Neurology* 2008;21:183-197.
- *2007 **Royall DR**, Lauterbach EC, Kaufer DI, Malloy P, Coburn KL, Black KJ. The cognitive correlates of functional status: A review from the Committee on Research of the American Neuropsychiatric Association. *Journal of Neuropsychiatry and Clinical Neurosciences*, 2007;19:249-265.
- 2006 **Royall DR.** Double Jeopardy. [Invited Editorial] *Chest*, 2006;130:1636-1638.
- 2006 **Royall DR**, Gao J-H, Kellogg DL, Jr. Insular Alzheimer’s disease pathology as a cause of “age-related” autonomic dysfunction and mortality in the non-demented elderly. *Medical Hypotheses*, 2006;67:747-758.
- 2006 **Royall DR.** Mild Cognitive Impairment and functional status. [Editorial] *Journal of the American Geriatrics Society*, 2006;54:163-165.
- *2005 Schillerstrom JE, Horton MS, **Royall DR.** The impact of medical illness on executive function. *Psychosomatics*. 2005;46:508-516.
- 2005 **Royall DR.** “Silent” stroke: An oxymoron meaning “dementia.” [invited review] *Seminars in Cerebrovascular Diseases and Stroke*. 2005; 4:97-101.
- 2005 **Royall DR.** The Emperor has no clothes: Dementia treatment on the eve of the aging era [Editorial] *Journal of the American Geriatrics Society*. 2005;53:163-164.
- 2004 **Royall DR.** The New “Silent” Epidemic. [Editorial] *Journal of the American Geriatrics Society*. 2004;52:1212-1213.
- 2004 **Royall DR.** The “Subsyndromal” Syndromes of Aging [Editorial]. *Journal of the American Geriatrics Society*. 2004;52:463-465.

- 2004 Román GC, **Royall DR**. A diagnostic dilemma: Is “Alzheimer’s Dementia” Alzheimer’s disease, vascular dementia, or both? [Invited Editorial] *The Lancet Neurology*. 2004;3:141.
- 2003 **Royall DR**. The “Alzheimerization” of dementia research [Editorial]. *Journal of the American Geriatrics Society* 2003; 51: 277-278.
- 2002 **Royall DR**. Back to the future of mental capacity assessment [Editorial]. *Journal of the American Geriatrics Society* 2002;50:1884-1885.
- *2002 **Royall DR**, Lauterbach EC, Cummings JL, Reeve A, Rummans TA, Kaufer DI, LaFrance CW, Coffey CE, and the Committee on Research of the American Neuropsychiatric Association. Executive Control Function: A review of its promise and challenges to clinical research. *Journal of Neuropsychiatry and Clinical Neurosciences* 2002; 14:377-405.
- 2002 **Royall DR**, Borson S. Geriatric depression and disability: Another world of hurt [Editorial]. *Journal of the American Geriatrics Society* 50:969-970.
- *2000 **Royall DR**. Executive Cognitive Impairment: A Novel Perspective on Dementia. *Neuroepidemiology* [invited review] 2000;19:293-299.
- *2000 LaFrance, CW, Lauterbach EC, Coffey CE, Salloway SP, Kaufer DI, Reeve A, **Royall DR**, Aylward E, Rummans TA, Lovell, MR. The Use of Herbal Alternative Medicines in Neuropsychiatry: A report of the American Neuropsychiatric Association Committee on Research. *Journal of Neuropsychiatry and Clinical Neurosciences* 12:177-192.
- 1999 **Royall, DR**. Frontal systems impairment in major depression. In G.J. Tucker (Ed.) and R.K. Mahurin (Guest Ed.), *Seminars in Clinical Neuropsychiatry: Executive Functions. Vol. 4.* 13-23.
- *1999 Rummans TA, Lauterbach EC, Coffey CE, **Royall DR**, Cummings JL, Salloway S, Duffy J, Kaufer D. Pharmacologic Efficacy in Neuropsychiatry: A Review of Placebo-Controlled Treatment Trials from the Committee on Research of the American Neuropsychiatric Association. *Journal of Neuropsychiatry and Clinical Neurosciences* 11: 176-189.

- *1998 Lauterbach EC, Cummings JL, Duffy J, Coffey CE, Kaufer D, Lovell M, Malloy P, Reeve A, **Royall DR**, Rummans TA, Salloway, S. Neuropsychiatric correlates and treatment of lenticulostratial diseases: A review of the literature and overview of research opportunities in Huntington's, Wilson's and Fahr's diseases. A report from the Committee on Research of the American Neuropsychiatric Association. *Journal of Neuropsychiatry and Clinical Neurosciences* 10:249-266.
- *1998 **Royall DR**, Polk MJ. Dementias that present with and without posterior cortical features: An important clinical distinction. *Journal of the American Geriatrics Society* 1998;46:98-105.
- *1998 Cummings JL, Coffey CE, Duffy JD, Lauterbach EC, Lovell M, Malloy P, **Royall DR**, Rummans TA, Salloway, S. The Clinician-Scientist in Neuropsychiatry: A position statement from the Committee on Research of the American Neuropsychiatric Association. *Journal of Neuropsychiatry and Clinical Neurosciences* 10:1-9.
- *1997 Coffey CE, Cummings JL, Duffy JD, Fink M, Lauterbach EC, Lovell MR, Malloy P, Nussbaum PD, **Royall DR**, Salloway, S. Cognitive screening instruments in neuropsychiatry: A report from the Committee on Research of the American Neuropsychiatric Association. *Journal of Neuropsychiatry and Clinical Neurosciences* 9:189-197.
- *1995 Coffey CE, Cummings JL, Duffy JD, Fink M, Lauterbach EC, Lovell MR, Malloy P, Nussbaum PD, **Royall DR**, Salloway, S. Assessment of treatment outcomes in neuropsychiatry: A report from the Committee on Research of the American Neuropsychiatric Association. *Journal of Neuropsychiatry and Clinical Neurosciences* 7:287-289.
- * 1994 **Royall DR**. Précis of executive dyscontrol as a cause of problem behavior in dementia. *Experimental Aging Research* 1994;20:73-94.
- *1994 Fogel BS, Brock D, Goldscheider F, **Royall DR**. Cognitive dysfunction and the need for long-term care: Implications for public policy. American Association of Retired Persons (AARP) 1994 Public Policy Issue Paper, Washington, D.C.

4. Abstracts:

- 2015 **Royall DR**, Palmer RF. δ Scores predict MCI and AD conversions from non-demented states [abstract]. *Journal of Prevention of Alzheimer's Disease*. 2015;2,337-338.

- 2014 **Royall DR**, Palmer RF. [abstract] The latent dementia phenotype “ δ ” can improve case-selection and outcome assessment in dementia clinical trials. *Journal of Prevention of Alzheimer’s Disease*; 1:264.
- 2014 **Royall DR**, Palmer RF. [abstract] A Case for Senility: Age adversely affects cognition, but only through δ . Rejuvenation Biotechnology Conference 2014. Santa Clara, CA. August 21-23, 2014.
- 2014 **Royall DR**, Palmer RF. [abstract] Serum IGF-BP2 Strongly Moderates Age’s Effect on Cognition. Rejuvenation Biotechnology Conference 2014. Santa Clara, CA. August 21-23, 2014.
- 2014 **Royall DR**, Palmer RF. IGF BP-2 Strongly Moderates Age's Effect on Cognition. 43rd Annual Meeting of the American Aging Association. San Antonio, TX. June 1, 2014.
- 2013 **Royall DR**. The ‘Pseudodementia’ of ‘Pseudodepression. 20th IAGG World Congress of Gerontology and Geriatrics (IAGG 2013). Seoul KOREA, June 25, 2013. *Journal of Nutrition, Health & Aging* 2013;17(Supp. 1):S41.
- 2013 #40139 Salazar R, **Royall DR**, Palmer RF. Neuropsychiatric Symptoms in Community Dwelling Mexican-Americans: results from the Hispanic EPESE Study. 2013 Alzheimer’s Association International Conference (AAIC). Boston, MA. July 17, 2013.
- 2013 #39921 **Royall DR**, Palmer RF. Ethnicity Specific Pathways between Biomarkers and Cognition: A Latent Variable Approach. 2013 Alzheimer’s Association International Conference (AAIC). Boston, MA. July 15, 2013.
- 2013 #39579 Palmer RF, **Royall DR**. Future Dementia Status is Almost Entirely Explained by the Latent Variable “ d ”’s Baseline and Change. 2013 Alzheimer’s Association International Conference (AAIC). Boston, MA. July 17, 2013.
- 2013 #40019 Salazar R, Shuham WJ, **Royall DR**. Frequency of Neuropsychiatric Symptoms in Hispanics with Alzheimer’s Disease. 2013 Alzheimer’s Association International Conference (AAIC). Boston, MA. July 17, 2013.
- 2013 #39733 **Royall DR**, Palmer RF. The Biomarkers of Dementia Severity Vary Widely by Ethnicity: A Latent Variable Approach. 2013 Alzheimer’s Association International Conference (AAIC). Boston, MA. July 17, 2013.

- 2012 Edwards M, Hobson-Balldin V, Hall J, Strutt A, Pavlik V, Maruquez de la Plata C, Cullum CM, Lacritz L, Reisch J, Massman P, Barber R, **Royall D**, Younes S, & O'Bryant SE (2012, November). Mexican American normative references on tasks of memory and language: The Texas Mexican American Normative Studies. *Archives of Clinical Neuropsychology*, 27, 659.
- 2012 Hobson-Balldin V, Menon C, Younes S, Hall J, Strutt A, Pavlik V, Marquez de la Plata C, Cullum CM, Lacritz L, Reisch J, Massman P, **Royall D**, Barber R, & O'Bryant SE (2012, November). Normative performance on the RBANS in a multi-ethnic bilingual cohort: The Texas Mexican American Normative Studies. *Archives of Clinical Neuropsychology*, 27, 652-653.
- 2012 Hall J, Edwards M, Hobson-Balldin V, Strutt A, Pavlik V, Marquez de la Plata C, Cullum CM, Lacritz L, Reisch J, Massman P, **Royall D**, Barber R, Younes S, Weichmann A, & O'Bryant (2012, November). Normative data for Mexican Americans on tasks of executive and psychometric functions: The Texas Mexican American Normative Studies. *Archives of Clinical Neuropsychology*, 27, 582.
- 2012 **Royall DR**, Palmer RF. Latent Variables: A Cost Effective Approach to Dementia Case Finding. Alzheimer's Association International Conference (AAIC) Vancouver, CANADA, July 14-19, 2012 P2-038. Mon. July 16 1:00-3:00PM. *Alzheimer's and Dementia* 2012;8:S175-176.
- 2012 **Royall DR**, Palmer RF. Latent Variables Offer an Unbiased Approach to Dementia Case Finding. Alzheimer's Association International Conference(AAIC) Vancouver, CANADA, July 14-19, 2012 P3-231. Tues. July 17 1:00-3:00PM. *Alzheimer's and Dementia* 2012;8:S175-176.
- 2012 Velez CE, Salazar R, **Royall DR**. Screening for Mild Cognitive Impairment and Alzheimer's Dementia by Telephone Using the Alzheimer's Questionnaire . Meeting of the American Directors Association. San Antonio, TX, March 9, 2012.
- 2011 Allman RM, Sawyer P, Crowe M, Roth DL, **Royall DR**. Prognostic significance of CLOX cognitive phenotypes on mortality and function. 64th Annual Meeting of the Gerontological Society of America, Boston, MA, November 18-22, 2011.
- 2011 Xiao G, Barber R, Reisch J, Doody R, Fairchild T, Adams P, **Royall DR**, Wilhelmsen K, Diaz-Arrastia R, O'Bryant S, and the TARC Investigators. Developing and Validating of Diagnostic Algorithm for Alzheimer's Disease. P2-085. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S334-335.

- 2011 Dentino A, Hall J, Barber R, Doody R, **Royall DR**, O'Bryant S, and the TARC Investigators. The Impact of Depression on Cognition Varies by APOE4 Status. P2-413. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S350.
- 2011 Wilhelmsen K, Chase S, Griffin N, Diaz-Arrastia R, Barber R, **Royall DR**, O'Bryant S, Doody R, Fairchild T, Rosenberg RN, Adams P, Reisch J, and the TARC Investigators. Genome-Wide Association Scan Replication for Biomarker Endophenotypes of Alzheimer's Disease. P2-088. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S335.
- 2011 O'Bryant S, Xiao G, Barber R, Hall J, Doody R, Reisch J, Fairchild T, Adams P, **Royall DR**, Wilhelmsen K, Diaz-Arrastia R, and the TARC Investigators. Refinement and Expansion of the Texas Alzheimer's Research Consortium Serum-Based Diagnostic Algorithm for Alzheimer's Disease. P2-055. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S325.
- 2011 Barber R, O'Bryant S, Reisch J, Doody R, Fairchild T, Adams P, **Royall DR**, Diaz-Arrastia R, and the TARC Investigators. Serum Granulocyte Colony Stimulating Factor and Alzheimer's Disease. P2-020. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S313.
- 2011 Doody R, Chan W, Barber R, Ballantyne C, Pavlik V, O'Bryant S, Darby E, Diaz-Arrastia R, Fairchild T, **Royall DR**, Adams P, and the TARC Investigators. Inflammatory Biomarkers in the Texas Alzheimer's Research Consortium (TARC) Cohort. P2-032. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S318.
- 2011 Doody R, Chan W, Ballantyne C, Pavlik V, Barber R, O'Bryant S, Darby E, Diaz-Arrastia R, Fairchild T, **Royall DR**, Adams P, and the TARC Investigators. Biomarkers Associated with Cardiovascular Risk in the Texas Alzheimer's Research Consortium (TARC) Cohort: LpPla2 and Homocysteine. P2-031. 2011 AAICAD. Paris, France, July 16-21, 2011. *Alzheimer's and Dementia* 2011;7:S317-318.
- 2011 **Royall DR**, Doody R, Barber R, Palmer RF, O'Bryant S, Reisch J, Fairchild T, Adams P, and the TARC Investigators. The Cognitive Correlates of Functional Status: A New Approach to Dementia. 2011 AAICAD. Paris, France, July 16-21, 2011. P1-199. Sun. Jul. 17 12:30-3P. *Alzheimer's and Dementia* 2011;7:S175-176.

- 2011 **Royall DR**, Palmer RF, Vidoni ED, Honea RA, Burns JM. Imaging Dementia: The Cognitive Correlates of Functional Status. 2011 AAICAD. Paris, France, July 16-21, 2011 P4-113. Wed. Jul. 20; 12:30-3pm. *Alzheimer's and Dementia* 2011;7:S743-744.
- 2011 **Royall DR**, Palmer RF, White L. Tangles are Distributed Across Two Temporally and Spatially Distinct Populations. 2011 AAICAD. Paris, France, July 16-21, 2011 P4-346, Wed. Jul. 20; 12:30-3pm. *Alzheimer's and Dementia* 2011;7:e33.
- 2011 **Royall DR**, Palmer RF, Vidoni ED, Honea RA, Burns JM. The Default Mode Network and Related Right Hemisphere Structures may be the Key Substrates of Dementia. 2011 AAICAD. Paris, France, July 16-21, 2011 P4-311, Wed. Jul. 20; 12:30-3pm. *Alzheimer's and Dementia* 2011;7:e20.
- 2011 **Royall DR**, Palmer RF, White LR. Modeling the Temporal Evolution of Alzheimer's pathology with Autopsy Data. *Alzheimer's and Dementia* 2011;7:S303-304.
- 2010 Palmer RF, Mouton CP, **Royall DR**, Markides KS, Espino DV. Polypharmacy Predicts MMSE Decline Over 12 Years: Data From the Hispanic EPESSE study. 63rd Annual Meeting of the Gerontological Society of America. New Orleans, LA, November, 2010.
- 2010 **Royall DR**, Palmer RF, White LR. Modeling regional vulnerability to Alzheimer pathology. 8th Annual Center for Biomedical Neuroscience Research Symposium. UTHSCSA, San Antonio, TX, May 11, 2010.
- 2010 King A, **Royall DR**. Executive Impairment and Global Cognitive Function are Associated with Decreased Sleep Efficiency but not Sleep-Related Breathing Events in Patients Seen at VA Memory Clinic. SLEEP 2010 24th Annual Meeting of the Associated Professional Sleep Societies. January, 2010.
- 2009 **Royall DR**, Palmer RF. Towards an Aging Specific Cognitive Phenotype. *The Journal of Nutrition, Health & Aging*. 2009;13 (Suppl. 1):S566.
- 2009 Schillerstrom JE, Shuler A, **Royall DR**. Clock Drawing Phenotypes and Disability in Elders. 20th Annual Meeting of the American Neuropsychiatric Association. San Antonio, TX February 20, 2009.
- 2009 **Royall DR**, Palmer RF. Towards an Aging Specific Cognitive Phenotype: The Freedom House Study. 20th Annual Meeting of the American Neuropsychiatric Association. San Antonio, TX February 30, 2009.

- 2008 **Royall DR**, Palmer RF, Wong K, Urehara J, White L. Insular Neurofibrillary Tangle Counts are Specifically Associated with the Rate of “Age-Related” Heart Rate Changes in Older Adults: The Honolulu-Asia Aging Study. International Congress on Alzheimer’s Disease (ICAD). Chicago, IL, 2008.
- 2008 **Royall DR**, Palmer RF, Wong K, Urehara J, White L. Insular Neurofibrillary Tangle Counts are Specifically Associated with the Rate of “Age-Related” QTc Changes in Older Adults: The Honolulu-Asia Aging Study. International Congress on Alzheimer’s Disease (ICAD). Chicago, IL, 2008.
- 2008 **Royall DR**, Palmer RF, Wong K, Urehara J, White L. Insular Neurofibrillary Tangle Counts Specifically Moderate Age’s Association with Mortality in Older Adults: The Honolulu-Asia Aging Study. International Congress on Alzheimer’s Disease (ICAD). Chicago, IL, 2008.
- 2007 **Royall DR**. Insular Alzheimer’s Disease Pathology Moderates Age’s Association with Mortality in Community Dwelling Elderly Persons. [Poster]. 5th Annual National Academies Keck Futures Initiative (NAKFI) conference, *The Future of Human Healthspan: Demography, Evolution, Medicine, and Bioengineering*. Irvine, CA. November 14-16, 2007.
- 2007 **Royall DR**, Cordes JA, Velez A, Edwards A, Schillerstrom JS. Sertraline improves executive function in medical patients with cognitive impairment. [Poster]. Proceedings of the Third International Congress of Vascular Cognitive and Behavioral Disorders (VASCOCG). San Antonio, TX July 11-15, p. 71, 2007.
- 2007 Coyle TR, Kochunov P, Kochunova V, **Royall DR**, Schlosser A, Null M, Lancaster J, Fox PT. Frontal networks and executive function in older adults: A principal components analysis. Poster presented at the annual meeting of the Association for Psychological Science, Washington, DC., May, 2007
- 2007 **Royall DR**, Coyle T, Kochunov P, Fox P. Executive function is strongly associated with white matter disease in old age . Proceedings of the Third International Congress of Vascular Cognitive and Behavioral Disorders (VASCOCG). San Antonio, TX July 11-15, p. 28, 2007.
- 2007 **Royall DR**, Kochunov P, Fox P. Asymmetric insular white matter disease is associated with visuospatial cognitive performance in old age . Proceedings of the Third International Congress of Vascular Cognitive and Behavioral Disorders (VASCOCG). San Antonio, TX July 11-15, p. 37, 2007.

- 2006 **Royall DR**, Kellogg D, Gao J-H. Insular Blood Flow Asymmetry and Orthostasis: Evidence of Centrally Mediated Autonomic Dysfunction in Non-demented Elderly. . 59th Annual Scientific Meeting of the Gerontological Society of America Dallas, TX. November, 2006. *The Gerontologist* 2006;46:222.
- 2006 **Royall DR**, Chiodo LK, Palmer RF, Polk MJ. Clock-Drawing Mediates Depression's Effect on Mortality in the Elderly. 59th Annual Scientific Meeting of the Gerontological Society of America Dallas, TX. November, 2006. *The Gerontologist* 2006;46:222.
- 2006 **Royall DR**, Palmer RF, Markides KS, Hazuda H. Clock-Drawing Mediates Depression's Effect on Mortality in the Elderly: Confirmation in Two Community Samples with Different Ethnicities. 59th Annual Scientific Meeting of the Gerontological Society of America Dallas, TX. November, 2006. *The Gerontologist* 2006;46:222.
- 2006 Palmer RF, **Royall DR**, Hazuda HP. Cognitive Decline Over Time Mediates the Association Between the Rate of Change in Lower Extremity Functional Limitation and Change in Disability. 59th Annual Scientific Meeting of the Gerontological Society of America Dallas, TX. November, 2006. *The Gerontologist* 2006;46:104.
- 2006 Boundy K, Román G, Black S, **Royall DR**, Surick I, Kumar D, Schindler R, Posner H. Efficacy and Safety of Donepezil in Vascular Dementia: Results From the Largest Double-blind Trial in Vascular Dementia Patients. International Neuropsychiatric Association (INA) 6th Congress in Sydney Australia. September 10-14, 2006.
- 2006 Román G, Black S, **Royall DR**, Surick I, Kumar D, Schindler R, Posner H. Efficacy and Safety of Donepezil in Vascular Dementia: Results From the Largest Double-blind Trial in Vascular Dementia Patients. ECNP. 19th Congress of the European College of Neuropsychopharmacology (ECNP) Paris, France, September 17, 2006.
- 2006 Rickenbacker DW, Joshi KG, **Royall DR**, Schillerstrom JE. Executive Function Predicts MacArthur Competency Assessment Test (MacCAT-T) Scores. Poster presented at the 159th Annual Meeting of the American Psychiatric Association. Toronto, Canada; 2006.

- 2006 Aguilar M, Román G, Black S, **Royall DR**, Surick I, Kumar D, Schindler R, Posner H. Efficacy and Safety of Donepezil in Vascular Dementia: Results From the Largest Double-blind Trial in Vascular Dementia Patients. 10th International Conference on Alzheimer's Disease. Madrid, Spain, July 19, 2006.
- 2006 Schillerstrom JE, Baker PS, Allman R, Runggruang B, Zamrini E, **Royall DR**. Prevalence and patterns of executive function performance in community-dwelling African Americans and Caucasians: Results from the University of Alabama Study of Aging. 2006 Annual Meeting of the American Association for Geriatric Psychiatry. San Juan, Puerto Rico. Supplement pp. 58-59.
- 2006 Velez AM, MD, **Royall DR**, Cordes JA, Schillerstrom JE. The effect of dopaminergic antidepressant medications on executive function in patients with "Type 2" dementia: A case series. 2006 Annual Meeting of the American Association for Geriatric Psychiatry. San Juan, Puerto Rico. Supplement p.107.
- 2005 Boundy K, Roman G, Black S, **Royall D**, Surick I, Kumar D, Schindler R, Posner H. Efficacy and safety of donepezil in vascular dementia: results from a randomized, double-blind, placebo-controlled trial. American Academy of Neurology, 2005.
- 2005 Román GC, **Royall DR**. "Frontal lobe and executive dysfunction: Practical Approaches to Assessment. National Academy of Neuropsychology", Tampa, FL
- 2005 Hodges, P., Dunn, Mary Z., Wagner, D., **Royall, D**. Predictors of Quality of Life in Older Mexican American Women. (Poster). Western Institute of Nursing Research Conference, San Francisco, CA: April 08, 2005.
- 2004 Yasir, S, **Royall, DR**, Chiodo LK, Polk MJ. Evaluation of cognitive function in essential tremor. *Journal of the American Geriatrics Society* 2004;52:S205.
- 2004 Edwards K, Farlow M, Hake A, Hershey L, Lichter D, Bednarczyk E, **Royall D**, Usman M, Pasquier F. An Open Label, 24-Week, Flexible Dose Trial To Assess The Safety And Efficacy Of Galantamine In Patients With Dementia With Lewy Bodies. International Conference on Alzheimer's Disease, Philadelphia PA, July 18, 2004. *Dement Geriatr Cogn Disord* 2004;17(suppl 1):40-48.
- 2004 **Royall DR**, Chiodo LK, Mouton C, Polk, MJ, Palmer R. Cognitive Predictors of Mortality Among Well Elderly Retirees: Results from the Freedom House Study. Proceedings of the 17th Annual Meeting of the American Association for Geriatric Psychiatry. p.325.

- 2003 Fan E, **Royall DR**, Chiodo LK, Polk MJ, Mouton C. Insight into financial capacity in non-institutionalized retirees. *Journal of the American Geriatrics Society* 2003;50:S80.
- 2003 Tan MW, **Royall DR**, Chiodo LK. The effect of executive dyscontrol on dual task performance in healthy older retirees. *Journal of the American Geriatrics Society* 2003;50:S126-127.
- 2003 Horton MS, Schillerstrom JE, Earthman BS, Joshi KG, Schillerstrom TL, Velez AM, **Royall DR**. Prevalence of executive impairment on a general medicine ward *Journal of the American Geriatrics Society* 2003;50:S55.
- 2003 **Royall DR**, Palmer R, Chiodo LK, Polk MJ. Decline in learning ability best predicts future dementia type 31st Annual Meeting of the International Neuropsychological Society. Honolulu, HA.
- 2002 O'Shaughnessy J, Vukelja S, Savin M, Holmes FA, Jones M, **Royall DR**, George M, von Hoff D. Impact of epoetin alfa on cognitive function, asthenia, and quality of life in women with breast cancer receiving adjuvant or neoadjuvant chemotherapy: analysis of 6-month follow-up data. *Breast Cancer Research Treatment* 2002;76(suppl 1):S138. Presented at the 25th Annual San Antonio Breast Cancer Symposium. San Antonio, TX, December, 2002.
- 2002 **Royall DR**, Chiodo LK, Polk MJ. "Cognitive Determinants of Disability: What are We Missing in Dementia Assessment?" Proceedings: Neurology Outcomes Research Meeting in conjunction with the 127th Annual Meeting of the American Neurological Association New York, NY
- 2002 Fuss M, Boersma M, Sheriff H, **Royall DR**. Prevalence of executive control function (ECF) impairment among patients referred for radiotherapy. *Radiotherapy & Oncology* 2002; 64:S154
- 2002 Schillerstrom JE, **Royall DR**, Stern SL, Deuter MS, Wyatt R. Prevalence of executive impairment in patients seen by a psychiatry consult service. Poster presented at the 155th Annual Meeting of the American Psychiatric Association, Philadelphia, PA.

- 2002 O'Shaughnessy J, Vukelja S, Savin M, Holmes FA, Jones M, **Royall DR**, George M, von Hoff D. "Effects of Epoetin Alfa (Procrit) on Cognitive Function, Mood, Asthenia and Quality of Life in Women with Breast Cancer Undergoing Adjuvant or Neoadjuvant Chemotherapy: A Double-Blind, Randomized, Placebo-Controlled Pilot Trial." Proceedings of the 38th Annual Meeting of the American Society of Clinical Oncology. Orlando FL May 16-21, 2002
- 2002 **Royall DR**, Hernandez Y, Chiodo LK, Cordes J, Polk MJ. An Analysis of Clock-drawing Errors in Normal Aging. *Journal of the American Geriatrics Society*. 50:S-49.
- 2001 **Royall DR**. Clock-drawing is sensitive to executive control in non-AD dementias. *International Psychogeriatrics* 13(2): 40-S.
- 2001 **Royall DR**, Chiodo LK, Polk MJ. Executive impairment: Cross-sectional prevalence and relationship to level of care. *Gerontology* 47 (suppl), pg. 50.
- 2001 Palmer R, **Royall DR**, Chiodo LK, Polk MJ. Growth curve models of longitudinal change in ECF: Relationship to functional status. *Gerontology* 47 (suppl), pg. 50.
- 2001 **Royall DR**, Hayee AA, Iqbal SS, Polk MJ, Chiodo LK, Chambers JP. APOE phenotyping and cognitive test performance in non-demented elderly persons. *Gerontology* 47 (suppl), pg. 50.
- 2001 **Royall DR**, Hayee AA, Iqbal SS, Polk MJ, Chiodo LK, Chambers JP. Apolipoprotein E alleles are monoallelically expressed in human buccal cells. *Proceedings of the 2001 Annual Meeting of the American Geriatrics Society*. Chicago, IL, S127.
- 2001 Poythress EL, Dyer CB, **Royall DR**, Franz A. Is Executive Dyscontrol A Feature Of Diogenes Syndrome? *Proceedings of the 2001 Annual Meeting of the American Geriatrics Society*. Chicago, IL, S41.
- 2000 **Royall DR**, Hayee AA, Iqbal SS, Polk MJ, Chiodo LK, Chambers JP. Apolipoprotein E alleles are monoallelically expressed in human buccal cells. Presented at the 53rd Annual Meeting of the Gerontological Society of America. Washington, D.C.
- 1999 **Royall DR**, Miller B, Mendez M, Román GC, Camicoli R. Frontal System Disorders: Implications for Clinical Assessment and Health Care. *Gerontologist* 39; Supp. 1, 468-470.

- 1999 **Royall, DR,** Chiodo LK, Polk MJ. Prevalence and severity of executive cognitive impairment among diabetic outpatients. *Gerontologist* 39; Supp. 1, 470.
- 1999 Medina RA, Houston J, **Royall DR,** Tekell J. Executive function changes in patients with schizophrenia during hospitalization. Proceedings of the 38th Annual Meeting of the American College of Neuropsychopharmacology Acapulco, Mexico.
- 1999 **Royall, DR.** Executive Control Function (ECF): A challenge to aging healthcare policy. *Gerontologist* 39; Supp. 1, 469.
- 1999 **Royall DR,** Chiodo LK, Polk MJ. Cognitive Predictors of Sub-Clinical Disability Among Elderly Retirees *Gerontologist* 39; Supp. 1, 49-50.
- 1999 **Royall, DR.** Prevalence and severity of executive cognitive impairment among diabetic outpatients. *Journal of Neuropsychiatry and Clinical Neurosciences* 11;147.
- 1999 Piper PK, **Royall DR,** Chiodo LK. Longitudinal Impact of Depressive Symptoms among Elderly Retirees. *Proceedings of the 1999 Annual Meeting of the American Geriatrics Society.* p. 144.
- 1999 **Royall DR.** Mulroy A, Polk MJ. Pathological Determinants of Dementia in Alzheimer's Disease *Annals of Neurology* 46:451.
- 1999 **Royall DR,** Chiodo LK, Polk, MJ, Palmer R, Cornell J. Dementia Sub-types in a Well Elderly Cohort. Proceedings of the First International Congress on Vascular Dementia. Geneva Switzerland. October 3-6, 1999, p11.
- 1998 **Royall DR,** Cordes JA, Polk MJ. Assessing Heterogeneity in Dementia Groups. *Proceedings of the 1998 Annual Meeting of the American Geriatrics Society and the American Federation for Aging Research.* p. 159.
- 1998 **Royall DR,** Mulroy A, Chiodo LK, Polk MJ. Clock drawing is sensitive to executive control. A comparison of six methods. *Proceedings of the 1998 Annual Meeting of the American Geriatrics Society and the American Federation for Aging Research.* p. 159.
- 1998 **Royall DR.** Prevalence of executive control function (ECF) impairment among healthy non-institutionalized retirees: The Freedom House Study. *Gerontologist* 38(supp):314-315.

- 1997 **Royall DR**, Chiodo LK, Polk MJ. Bedside Measures as Proxies for Wisconsin Card Sort Performance in Old Age. *Journal of Neuropsychiatry and Clinical Neurosciences* 9:684-685.
- 1997 **Royall DR**, Chiodo LK, Polk MJ. DRS Subtests as Proxies for Wisconsin Card Sort Performance in Old Age. *Journal of Neuropsychiatry and Clinical Neurosciences* 9:685.
- 1997 **Royall DR**, Chiodo LK, Polk MJ. Prevalence and Severity of Executive Cognitive Impairment Among Non-institutionalized Retirees. *Journal of Neuropsychiatry and Clinical Neurosciences* 9: 685.
- 1996 Elias JW, Treland J, Hutton J, New P, **Royall D**, Mahurin R, Shroyer J. The value of using brief assessment measures for executive function as well as mini-mental type screening measures. Sixth Cognitive Aging Conference. Atlanta, GA.
- 1995 **Royall DR**. Clinical features of two qualitative dementia syndromes. *Journal of Neuropsychiatry and Clinical Neurosciences* 7:411-412.
- 1995 Tekell JL, Silva JA, **Royall DR**, Ingmundson PT, Bowden CL. Span of Apprehension in schizophrenia: Relation to negative symptoms, executive function and behavioral ratings. *Journal of Neuropsychiatry and Clinical Neurosciences* 7:424.
- 1995 Krupp B, Branco K, **Royall D**, Fogel B. Executive Cognitive Functioning and Problem Behavior in the MDS: Comparing the ECF Index and the EXIT *Gerontologist* 35:416.
- 1995 Marson D, **Royall DR**, Staats N, Edelstein B, Richardson E. Cognitive changes associated with the declining competency of older adults. *Gerontologist* 35:371.
- 1995 **Royall DR**, Mahurin RK. Subcortical disease may determine stroke's association with depression. *Journal of Neuropsychiatry and Clinical Neurosciences* 7:412.
- 1994 **Royall DR**, Cornell JC, Mahurin RK. Bedside classification of cortical/ non-cortical dementia type using the Qualitative Evaluation of Dementia (QED). *Gerontologist* 36:68.
- 1994 **Royall DR**, Mahurin RK. Qualitative issues in the assessment of dementia. *Journal of Neuropsychiatry and Clinical Neurosciences* 6:P21-22.

- 1993 **Royall DR.** The assessment of executive cognitive dysfunction. *Journal of Neuropsychiatry and Clinical Neurosciences* 5:444.
- 1993 **Royall DR, Mahurin RK.** Executive dyscontrol: An important determinant of functional outcomes in old age. *Gerontologist* 33:82 supp.
- 1993 Mahurin R, Flanagan A, **Royall D.** Neuropsychological measures of executive function in frail elderly patients. *Annals of Neuropsychology* 9:160.
- 1993 Richardson ED, Duffy J, Campbell J, **Royall DR.** Examination of a new bedside measure for assessment of executive dysfunction. *J Neuropsychiatry Clinical Neurosciences* 4:452-453.
- 1993 Mills BJ, Taylor ER, Taylor SE, **Royall DR.** Executive Function and Outpatient Commitment. *Proceedings: 24th Annual Meeting: American Academy of Psychiatry and the Law.* San Antonio, Texas.
- 1992 **Royall DR, Mahurin RK.** Bedside assessment of dementia type using the Qualitative Evaluation of Dementia (QED). *Gerontologist* 32:159 supp.
- 1992 **Royall DR, Mahurin RK.** Depression's effect on dementia presentation: Qualitative assessment with the Qualitative Evaluation of Dementia (QED). Presented: American Geriatrics Society. *Journal of the American Geriatrics Society* 40:SA80.
- 1992 **Royall DR, Mahurin RK, True J, Anderson B, Miller A.** Executive impairment in the chronically mentally ill: Comparisons between schizophrenia and the elderly. *Proceedings: Annual Scientific Meeting American Psychiatric Association* Washington D.C.
- 1992 Mills B, **Royall DR, Mahurin RK, Plotnick E.** Effects of executive cognitive deficits on decisional competency: Bedside assessment with the Executive Interview (EXIT). *Journal of the American Geriatrics Society* 40:SA78.
- 1992 Gallo JJ, **Royall DR, Anthony JC.** Risk factors for the onset of depression after age 40: An analysis of 5-site ECA data. *Proceedings: Society for Epidemiological Research.* Minneapolis, MN.
- 1992 Gerety MB, Mulrow CD, Williams JW, **Royall DR, Kanten DN, Aguilar CA, Cornell JE.** Identifying depression in the nursing home: Performance of diagnostic tools. *Gerontologist* 32:36 supp.

1991 **Royall DR**, Mahurin RK, Gray K. Bedside assessment of executive dyscontrol: Correlations with level of care and disruptive behavior in an extended care community. *Gerontologist* 31:344 supp.

5. Other:

2015 **Royall DR**. Post script to Royall et al., 2013. In G.S. Smith (Ed.) *Handbook of Depression in Alzheimer's Disease*. IOS Press, Amsterdam, 2015.

2014 **Royall DR**. Prevention of cognitive decline in old age by antidepressant treatment? [Letter] *Neurology*.

2013 **Royall DR**. The “Ethics” of Evidence are not Evidence of Ethics. [Letter] *Journal of the American Geriatrics Society*. 2013; 61:661.

2011 **Royall DR**. What did you expect? [Letter]. *International Journal of Geriatric Psychiatry*, 2011;26:1319-1320.

2011 **Royall DR**. Reply to Treglia et al.: (123) I-metaiodobenzylguanidine cardiac scintigraphy appears feasible despite proposed obstacles. [Letter]. *Movement Disorders*, 2011;26:1950.

2011 **Royall DR**. The quest for biomarkers of Alzheimer's disease [Letter]. *Journal of the American Geriatrics Society*, 2011;59:377-378.

2010 **Royall DR**. A Tangled Web. *The Journal of Neuroscience*. [eLetter].

2009 **Royall DR**. Visuospatial Impairment and Mortality. [Letter] *Journal of the American Geriatrics Society*. 2009;57:932-923.

2008 **Royall DR**. Measurement of meaningful treatment effects in CADASIL. [Letter] *Lancet Neurology*. 2008;7:673-674.

2008 **Royall DR**. In regards to Fuller et al. [Letter] *International Journal of Radiation Oncology, Biology & Physics*. 2008;72:301.

2008 **Royall DR**. Response to Serber et al. [Letter] *Nursing Research*. Published online at: <http://nursing-research-editor.com/documents/lte.php>

2008 **Royall DR**. Is disability required for dementia case-finding? [Letter]. *International Journal of Geriatric Psychiatry*. 2008;23:224-225.

2008 **Royall DR**. Slippery slopes [Letter]. *Journals of Gerontology A: Medical Sciences*. 2008;63:107.

- 2007 **Royall DR.** Location, location, location! [Letter] *Neurobiology of Aging*, 2007;28:1481-1482.
- 2007 **Royall DR.** CATIE's Lessons. [Letter] *Journal of the American Geriatrics Society*, 2007;55:636-637.
- *2004 **Royall DR,** Chiodo LK. Executive control and the validity of survey data. [Research Letter] *International Journal of Geriatric Psychiatry*. 2004;19:696-698.
- 2004 **Royall DR.** PET peeves. [Letter] *Journal of the American Geriatrics Society*. 2004;54:1218.
- 2004 **Royall DR.** Letter to the Editor of *Psychological Medicine* 2004;34:761-762
- 2004 **Royall DR.** Donepezil's effects remain uncertain. [Letter] *Journal of the American Geriatrics Society* 2004;52:843-845.
- 2004 **Royall DR,** Schillerstrom JE, Horton MS. ECF impairment is common. [Letter] *Age & Aging*. 2004;33:206-207.
- 2003 **Royall DR,** Román G, Delacourte A. Letter to the Editor of *Experimental Aging Research*. 2003;29:107-110.
- 2002 **Royall DR.** Alzheimer disease as a vascular disorder: Nosological evidence. [Letter] *Stroke* 33: 2147-8.
- 2002 **Royall DR.** Not all clock-drawing tasks are the same. [Letter] *Journal of the American Geriatrics Society* 2002;50:116-117.
- 2002 **Royall DR.** Book Review: Geriatric Mental Health Care by Gary Kennedy, MD. *Journal of the American Geriatrics Society*. 50:968.
- 2001 **Royall DR.** The FAB: A frontal assessment battery at the bedside. [Letter] *Neurology* 2001;57:565.
- 2000 **Royall DR,** Román GC, Sachdev, PS, Looi, J C L. Differentiation of vascular dementia from AD on neuropsychological tests. [Letter] *Neurology* 2000;55:604-606.
- 1999 **Royall DR,** Román GC. On "proposal for the application and scoring of the clock-drawing test in Alzheimer's disease". [Letter] *Revista Neurologia* 29:1348-1349.

- 1997 **Royall DR**, Chiodo LK, Polk MJ. Senility redefined as age associated frontal system impairment? [Letter] *Journal of the American Geriatrics Society* 45:396-398.
- 1997 **Royall DR**. Some “depressive” symptoms may not imply depression. [Letter] *Journal of the American Geriatrics Society* 45:891-892.
- 1997 **Royall DR**. The use of the Mini-Mental Status Examination to categorize dementia. [Letter] *Nursing Home Medicine* 5(11):11-13A, 1997.
- 1996 **Royall DR**. Validating the GDS in a nursing home sample. [Letter] *Journal of the American Geriatrics Society* 44: 98-99.
- 1996 **Royall DR**, Polk M. Comments on the executive *control* of clock drawing. [Letter] *Journal of the American Geriatrics Society* 44:218-219.
- 1995 **Royall DR**. Dementia: Presentations, Differential Diagnosis, and Nosology. Emery O.B.V. and Oxman, T.E. Editors. Invited Book Review. *Journal of the American Geriatrics Society* 43:948-949.
- 1994 **Royall DR**, Mahurin RK. EXIT, QED, and DSM-IV: Very early Alzheimer's disease [Letter] *J Neuropsychiatry Clinical Neurosciences* 6:62-64.
- 1994 **Royall DR**, Mahurin RK. EXIT, QED and DSM-IV: Regional syndromes [Letter] *Journal of Neuropsychiatry and Clinical Neurosciences* 6:60-62.
- 1994 **Royall DR**, Mahurin RK. Qualitative dementia types. [Letter] *American Journal of Geriatric Psychiatry* 2:178-179.
- 1994 **Royall DR**, Mahurin RK. Qualitative assessment of dementia. [Letter] *Journal of the American Geriatrics Society* 42:798-799.
- 1993 **Royall DR**, Mahurin RK, Gray K. Reply to Grigsby et al. [Letter] *Journal of the American Geriatrics Society* 41:577-578.
- 1991 **Royall DR**, Mahurin RK: ECF deficits and anorectic behavior. [Letter] *Journal of the American Geriatrics Society* 39: 840-841.

B. Areas of Research Interest:

Clinical phenomenology of dementia: Concentrating on frontal executive control functions and qualitative differences between cortical and non-cortical dementia syndromes.

Clinical assessment strategies (e.g. for dementia): Concentrating on the development of bedside

measures for the assessment of executive control [The Executive Interview (EXIT25) ©Royall 1992, 1995, The Executive Interview Spanish Translation (EXIT-S) ©Royall 1995, The Telephone Executive Assessment Scale (TEXAS), CLOX: An Executive Clock Drawing Task © Royall 1995] and qualitative assessment of dementia phenomenology [Qualitative Evaluation of Dementia (QED) ©Royall 1992, 1995.

Health Services Research: Concentrating on the ability of executive dyscontrol measures to predict functional status and need for services across diagnostic groups. Also on the ability of qualitative assessment to cost-effectively target dementia subgroups for evaluation.

C. Current Projects

Active

Eisai /Royall PI

“BAN2401-G000-201 A Placebo-controlled, Double-blind, Parallel-group, Bayesian Adaptive Randomization Design and Dose Regimen-finding Study to Evaluate Safety, Tolerability and Efficacy of BAN2401 in Subjects With Early Alzheimer’s Disease”	02/01/13- 02/01/29	5%
	\$709,976	

Industry sponsored clinical trial

Role: PI San Antonio site

State of Texas /The Texas Council on Alzheimer’s Disease	09/01/13 – 08/31/15	20%
“Genetic and Biomarker Study of Alzheimer’s Disease (Texas Alzheimer’s Research Consortium Biennium 2)”	\$586,368	
	\$1,237,307	

Role: PI San Antonio site

Dept. of the Army -- USAMRAA /Royall (P.I.)	09/01/14-08/31/17	20%
GRANT11551963	\$211,889	
“A Latent Variable Phenotype for Dementia Diagnosis and Biomarker Selection in TBI”	\$634,561	

The major goals of this project are to examine the serum protein biomarkers associated with a latent phenotype representing the cognitive correlates of functional status among Afghanistan and Iraq (OEF/OIF) veterans.

Role: PI

NIA /Palmer (Site P.I.) /Markides (PI)	09/01/14 –8/31/18	7%
2R01AG010939-21	\$56,700	
“Longitudinal Study of Mexican Elderly Health” (UTHSCSA site)	\$245,700	

This will fund the 8th wave of this longitudinal study comprised as a five state community survey designed to learn more about the physical, emotional health and cognitive functioning in older Mexican American adults. The project began in 1993 and is currently in its 7th wave.

Role: Investigator

Pending:

NIA /Royall (PI)	09/01/2015-/31/18
1 K07 AG052671-01	\$87,293
“Royall-NIA Academic Leadership Career Award (K07)”	\$489,183

This grant will train junior faculty from several departments in the secondary analysis of publically available datasets using a Structural Equation Modeling (SEM) framework to construct latent variables for the clinical diagnosis of dementia et al.

Submitted:

NIH (NIA) /Royall (P.I.)	07/01/15-6/30/18
“Psychometric Assessments of Dementia Rate for Epidemiological Studies (PADRES)”	\$1,258,658

NIH (NIA) /Royall (P.I.)	01/01/15-12/31/17
GRANT11666526	\$148,500
“Further Validation of A Latent Dementia Phenotype”	\$448,500

This study extends the latent variable δ into multiple datasets by secondary analyses of publically available data from TARCC, ADNI, H-EPESE and the ACTIVE study

Role: PI

NIA-NIH	09/01/09-8/31/14
“Biological Correlates of True Cognitive Aging”	\$2,487,105

The major goals of this project are to identify the biomarkers associated with an Aging Specific Cognitive Phenotype.

Role: PI

NIA-NIH /Royall (PI)	10/01/09-09/30/11
RC2 proposal “Neuroimaging Biomarkers of Hispanic Cognitive Aging”	\$2,781,470

The major goals of this project are to obtain 3TMRI /DTI, ASL and PET neuroimaging biomarkers in 500 Hispanic participants in the Texas Alzheimer’s Research Consortium.

Role: PI

NIA /Royall (PI) 09/01/09-08/31/11
 RC1 proposal “mTOR Inhibitor Therapy and Alzheimer's Disease Biomarkers” \$490,984 /\$990,349

The major goals of this study are to assess the potential of mTOR inhibitors to reverse AD specific biomarkers in patients with AD and MCI.
 Role: PI

NIA /NHLB /Royall (PI) 04/01/09 03/31/14
 1R01AG033582-01 \$2,161,495
 “Sertraline v. rTMS for Depression-Related Autonomic Dysfunction in the Elderly”

The major goals of this study are to assess the relative efficacy of sertraline vs. rTMS for depression-related insular metabolism and related autonomic dysfunction in elderly patients.
 Role: PI

NIA-NINDS 12/01/08-11/30/13
 R01 Proposal 1 R01 AG029491-02 \$1,951,847
 “Insular Pathology and Depression Related Mortality”
 The major goals of this project are to demonstrate whether insular pathology mediates depression’s association with mortality.
 Role: PI

NIH /Royall (PI) 9/01/08-8/31/12
 R01 EUREKA Proposal AN:3035416 \$1,209,605
 “Viral Associations with AD Pathology”
 The major goals of this project are to demonstrate whether Alzheimer’s disease pathology is associated with viral genome sequences in formalin fixed brain tissues.
 Role: PI

Completed Projects: DRR PI except where indicated.

NHLB-NIH 09/01/08-6/30/15 30%
 5 R01 HL093776-04 \$1,518,495
 “Insular and Autonomic Function in Depression” funded at
 The major goals of this project are to demonstrate whether insular blood flow mediates depression’s association with mortality. 13.9th percentile
 Role: PI

1K23AG030479-01A1 K23: "Neuropsychological Predictors of Functional Decline in Elders with Cancer" (PI: Schillerstrom)

“An Open Label Pilot Study of Memantine’s Effects on Executive Function in patients with Mild Cognitive Impairment (MCI).”

“The Effect of Passive Immunization on the Progression of Alzheimer’s Disease: LY2062430 Versus Placebo”

“A Randomized Controlled Trial to Assess the Efficacy of a Medical Food in Patients with Mild to Moderate Alzheimer’s Disease Medication”

“A Phase 1, Multicenter, Randomized, Placebo-Controlled, Double-Blind Study to Assess the Safety, Pharmacokinetics, Pharmacodynamics, and Immunogenicity of Intravenous MABT5102A Administered in a Single-Dose, Dose-Escalation Stage Followed by a Multidose, Parallel-Treatment Stage in Patients with Mild to Moderate Alzheimer’s Disease”

"Lipid Metabolism and the Causal Web of Alzheimer's Disease in the San Antonio Heart Study" (PI: Helen Hazuda, PhD)

NINDS R13 Grant 1R13NS060545 – 01 “3rd International Congress on Vascular Cognitive and Behavioral Disorders (VASCOG)” (143)

“Establishment of a database for the Exploration of Clinical, Behavioral, and Functional Correlates of Executive Dyscontrol “.

“Preclinical Detection and Natural History of Very Early Dementia in Old Age”(Air Force Villages).

NINDS R21 Grant NS45121-01A1 “Autonomic Dyscontrol and Very Early Alzheimer’s Disease” (140 /3.1%)

NINDS R21 “Alzheimer’s Pathology and Autonomic Control” (145 /9.7%)

“A 24-week, double-blind, double-dummy, randomized, parallel-group study to investigate the effects of rosiglitazone (extended release tablets), donepezil and placebo as monotherapy on cognition and overall clinical response in APOE-e4-stratified subjects with mild to moderate Alzheimer’s disease. (REFLECT-1), AVA105640”

“A 51-Week, Multicenter, Randomized, Double-blind, Placebo-Controlled Evaluation of the Efficacy, and Safety of Donepezil-HCL (E2020) in Subjects with Mild Cognitive Impairment (Protocol 412)”

“A 28 –Week Open Label Extension Study Evaluating the Safety and Tolerability of Donepezil Hydrochloride (E2020) in subjects with Mild Cognitive Impairment (Protocol 414)”

“CL-758007 A Phase III Study of the Efficacy and Safety of Alzhemed in Patients with Mild to Moderate Alzheimer's Disease”

“A long Term Extension Study Evaluating the Safety and Tolerability of BID and QD Administration of Memantine in patients with mild to moderate dementia”

“Study of the Safety and Efficacy of d-MPHIN in the treatment of Fatigue and Neurobehavioral Function Related to Chemotherapy in Adult Cancer Subjects”

“A Randomized, Placebo-Controlled Trial to Evaluate the Efficacy and Safety of Galantamine in Patients with Mild Cognitive Impairment (MCI) Clinically at Risk for Development of Probable Alzheimer’s Disease.”

“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.” MEM-MD-10”

“A Multi-center, Randomized, Double-blind, Placebo Controlled Study of Three Fixed Doses of Aripiprazole in the Treatment of Institutionalized Patients with Psychosis Associated with Dementia of the Alzheimer’s Type.”

“A Randomized, Placebo-Controlled Trial to Evaluate the Efficacy and Safety of Galantamine in Patients with Mild Cognitive Impairment (MCI) Clinically at Risk for Development of Probable Alzheimer’s Disease.” GAL-INT-11”

“Study of the Safety and Efficacy of d-MPH in the Treatment of Fatigue and Neurobehavioral Function Related to Chemotherapy in Adult Cancer Subjects.”

“An Open Label 24-week Flexible Dose Trial to Assess the Safety and Efficacy of Galantamine in Patients with Dementia with Lewy Bodies.”

“Imprinting of ApoE Alleles in Alzheimer’s disease” (James Chambers Ph.D. Co-PI)

“A 24-week, Multicenter, Randomized, Double-blind, Placebo-controlled Evaluation of the Efficacy, Safety and Tolerability of Donepezil Hydrochloride (E2020) in Patients with Dementia Associated with Cerebrovascular Disease.”

“Multi-center Double-blind Randomized Comparison of the Efficacy and Safety of Seroquel and placebo in the Treatment of Agitation Associated with Dementia”

“A Multi-center, Randomized, Double-blind, Placebo Controlled Study of Three Fixed Doses of Aripiprazole in the Treatment of Institutionalized Patients with Psychosis Associated with Dementia of the Alzheimer’s Type.”

“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.” MEM-MD-10”

“A 24 Week, Multicenter, Randomized, Double-blind, Placebo-controlled Evaluation of the Efficacy and Safety of Donepezil Hydrochloride (E2020) in Patients with Early Alzheimer’s Disease.” (Alexander Shepherd, PI)

“A Randomized, Double-Blind, Placebo-Controlled study of PROCRT® (Epoetin alfa) on Clinical Outcomes in Elderly Anemic Patients”

“A 24 Week, Multi-center, Randomized, Double-Blind, Placebo-Controlled Evaluation of the Efficacy and Safety of Donepezil Hydrochloride (E2020) in Patients with Dementia Associated with Cerebrovascular Disease’ (Gustavo Román PI)

“Multi-center Placebo Controlled Trial of the Six Month Efficacy and Safety of Bespiridine HCL (HP-749) in Patients with Alzheimer's Disease”.

“A Multicenter, Double-Blind Trial to Evaluate the Efficacy and Safety of Two Dose Ranges of Buspirone HCL Compared to Placebo in the Management of Agitated Behavior in Patients with Dementia of the Alzheimer’s Type, Multi-Infarct Dementia, or Mixed-Type Dementia”.

“A double-blind, placebo-controlled study of DEPAKOTE® in the treatment of behavioral agitation in elderly patients with dementia”

“A Randomized Double-blind Placebo Controlled Dose-ranging Study of the Efficacy and Tolerability of SB202026 in Patients Suffering from Dementia of the Probable Alzheimer’s Type”.

“A Multicenter, Double-Blind Trial to Evaluate the Efficacy and Safety of Two Dose Ranges of Buspirone HCL Compared to Placebo in the Management of Agitated Behavior in Patients with Dementia of the Alzheimer’s Type, Multi-Infarct Dementia, or Mixed-Type Dementia”.

“A 48 Week Double-Blind, Placebo Controlled, Parallel Group, Fixed Dose Study of the Efficacy, Safety and Cost-Effectiveness of 25ug SB202026 bid in Patients Suffering from Dementia of the Probable Alzheimer’s Type”.

“An Open Label Study of the Efficacy and Tolerability of SB202026 in Patients Suffering from Dementia of the Probable Alzheimer’s Type”.

“An Open-Label, Multi-center Clinical Trial Evaluating the Safety and Efficacy of Donepezil Hydrochloride (E2020) in Patients with Alzheimer’s Disease”.

“Olanzapine Versus Placebo in the Treatment of Psychosis and Behavioral Disturbances Associated with Alzheimer’s Disease.”

“Metrifonate Investigational Nationwide Trial (MINT) Study”

“The Efficacy, Safety and Tolerability of Lazabemide (Ro 19-6327) Versus Placebo, Administered for One Year in Patients with Probable Alzheimer’s Disease”.

“A 20 Week Multicenter Parallel-Group, Double-Blind, Placebo Controlled Study of the Efficacy, Tolerability and Safety of Sertraline in the Treatment of the Behavioral Manifestations of Alzheimer’s Disease in Out-Patients Treated with Donepezil”

“Executive Control and its Relationship to Depression, Glucose Control, and Disease Severity in Diabetes Mellitus”.

“A Double-Blind Placebo Controlled Study of Depakote in the Treatment of Signs and Symptoms of Mania in Elderly Patients with Dementia”.

“An Open Label Extension Study of Depakote in the Treatment of Signs and Symptoms of Mania in Elderly Patients with Dementia”.

“A Multicenter, Double-Blind Comparison of the Efficacy and Safety of Seroquel (Quetiapine Fumarate), Haloperidol, and Placebo in the Treatment of Elderly Subjects Residing in Nursing Home or Assisted Care Facilities, and Presenting with Alzheimer’s Dementia and Psychoses or Other Selective Psychoses”

IV. Service:

1. Current* Professional and Scientific Organizations:

1983*	Alpha Omega Alpha Medical Honors Society
1984*	American Geriatrics Society
1989	Texas Geriatrics Society
1990*	Gerontological Society of America
1990*	American Association of Geriatric Psychiatry
1992*	American Neuropsychiatric Association
1992	International Psychogeriatric Association
1998	American Medical Directors’ Association

2. Current/Past Positions held in Professional and Scientific Organizations:

2006-2007	Co-Chairman Organizing Committee: “3 rd International Congress on Vascular Cognitive and Behavioral Disorders (VASCOG). San Antonio, TX
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1992-1994	American Association of Geriatric Psychiatry Fellowship Training Committee
1993-1999	Texas Geriatric Society Executive Board
1994-1997	Texas Geriatric Society Chair: Publications Committee
1994-2007	American Neuropsychiatric Association Research Committee
1994-1999	American Geriatrics Society Texas State Committee On State Affiliates Representatives

3. Other Professional Activities:

2016	Member: NIH Adult Psychopathology and Disorders of Aging (APDA) study section 2016/10 ZRG1 BBBP-X (60) C.
2015	Member: NIH Special Emphasis Panel 2016/01 ZRG1 BBBP-X Collaborative Applications: Adult Psychopathology
2015	Member: NIH 2016/01 APDA Adult Psychopathology and Disorders of Aging Study Section
2015-	Reviewer: <i>The Journal of Prevention of Alzheimer's Disease</i>
2015-	Reviewer: <i>Neuropsychiatric Disease & Treatment</i>
2015-	Reviewer: <i>Journal of Nature and Science</i>
2014-	Consultant: Forest Research Institute, Inc.
2014-	Reviewer: <i>Current Alzheimer Research</i>
2014-	Member: Technical Expert Panel Considering Adaption of Continuity Assessment Record and Evaluation (CARE) Tool for Community-Based Long Term Services and Support Population. Research Triangle Institute.
2014-	Reviewer: <i>Alzheimer Disease & Associated Disorders</i>

2014- Reviewer: *Lancet*

2014- Reviewer: *SAGE Open Medicine*

2014- Medical Research Council (MRC) Invited Grant Reviewer

2014- Reviewer: *Journal of the International Neuropsychological Society*

2014- Reviewer: *Peer J*

2013- Reviewer: *Qatar Medical Journal*

2013- Associate Editor: *Journal of Alzheimer's Disease*

2012- Reviewer: *Neurology, Neurosurgery and Psychiatry*

2012- Reviewer: *Clinical Interventions in Aging*

2012- Reviewer: *Journal of Affective Disorders*

2012- Reviewer: *Human Brain Mapping*

2012- Reviewer: *Epidemiologic Reviews*

2012- Reviewer: *Biological Psychiatry*

2011- Reviewer: *Journal of Aging Research*

2011- Reviewer: *European Journal of Psychiatry*

2010- Reviewer: *Journal of Applied Gerontology*

2010- Reviewer: *Journal of Alzheimer's Disease*

2010- Reviewer: *Aging and Mental Health*

2010 Grant Reviewer: VA Mental Health and Behavioral Science B

2009- Reviewer: *The Journal of Clinical and Experimental Neuropsychology*

2009 NIH Grant Reviewer: RFA OD09-003 Challenge Grant Panel #10

2009- Reviewer: *The World Journal of Biological Psychiatry*

2008- Reviewer: *Journal of Alzheimer's Disease & Other Dementias*

2008- Reviewer: *Stroke*

2008- Reviewer: *International Psychogeriatrics*

2008- Reviewer: *Neuropsychology*

2008- Reviewer: *Indian Journal of Medical Sciences*

2008- Reviewer: *Rejuvenation Research*

2007- Reviewer: *Psychological Reports Perceptual and Motor Skills*

2006- Reviewer: *Canadian Medical Association Journal*

2006- Reviewer: *Archives of General Psychiatry*

2006- Reviewer: *Chest*

2006- Reviewer: *Epilepsia*

2006- Associate Peer Reviewer: *Behavioral Brain Sciences*

2006- Reviewer: *The Clinical Neuropsychologist*

2005- Reviewer: *Journal of Aging and Health*

2005- Reviewer: *NeuroImage*

2004- Reviewer: *Journal of the Neural Sciences*

2004- Reviewer: *Dementia and Geriatric Cognitive Disorders*

2004-2005 Invited Panel Member: National Institute on Aging Working Group on Executive Function Research

2004- Reviewer: *Neurobiology of Aging*

- 2003- Reviewer: *Neurology*
- 2003- Reviewer: *Journal of the American Medical Directors Association*
- 2003- Reviewer: *International Journal of Geriatric Psychiatry*
- 2003- Reviewer: *Drugs & Aging*
- 2002-2006 Member: External Advisory Committee
Harvard Medical School Older Americans Independence Center (OAIC)
- 2002- Consultant: Research Triangle Institute. Durham, North Carolina
- 2002- Reviewer: *Proceedings of the Indian National Science Academy, Part B –Reviews & Tracts*
- 2002- Consultant: Neurochem CL758003 protocol
- 2002- Consultant: Eisai E2020-A001-319 protocol
- 2001-2006 Member Editorial Board: *Neuroepidemiology*
- 2001- Reviewer: *Journal of Geriatric Psychiatry & Neurology*
- 2001- Reviewer: *Psychosomatics*
- 2000- Reviewer: *Neuroepidemiology*
- 2000-2012 Associate Editor: *Journal of the American Geriatrics Society*
- 2000- Ad Hoc Reviewer: Veterans' Administration Merit Award Grant proposals
- 1999- Reviewer: *Journals of Gerontology: Medical Sciences*
- 1999- Member Editorial Board: *Journal of the American Geriatrics Society*
- 1999- Reviewer: *Annals of Long Term Care*

1999 Ad Hoc Reviewer: Retirement Research Foundation

1999- Consultant: National Institute on Aging Health ABC Study

1999- Reviewer: *Alzheimer's Disease Management Today*

1998- Reviewer: *Nursing Home Medicine*

1998- Reviewer: *Journal of Clinical Psychiatry*

1998- Consultant: Hispanic Established Populations for the Epidemiological Study of the Elderly (HEPESE)

1997- Reviewer: *Journals of Gerontology: Psychological Sciences*

1997- Reviewer: *Journal of Neuropsychiatry and Clinical Neurosciences*

1997 Consultant: Health and Retirement Survey (HRS) AHEAD

1997- Reviewer *Medscape Mental Health* Electronic Journal

1996-2001 Member: Pfizer Alzheimer's Disease Physicians Training Network

1996-2001 Member: Psychiatric Alliance for the Dissemination of information on major depression in old age. Sponsored by the American Association for Geriatric Psychiatry (AAGP)

1996- Reviewer: *American Journal of Geriatric Psychiatry*

1996- Reviewer: *Journal of the American Geriatrics Society*

1995, 1997 Ad Hoc Reviewer: American Neuropsychiatric Association (Annual Meeting Abstracts).

1995 Ad Hoc Reviewer: South Texas Health Research Center Small Grants Proposals

1995-2000 Bristol-Meyers Squibb CNS Distinguished Faculty in Depression

- 1995-2000 Bristol-Meyers Squibb CNS Distinguished Faculty in Anxiety Disorders
- 1994 Panel Member: Department of Health and Human Services
Advisory Panel on Severe Cognitive/
Severe Mental Impairment
Eligibility Criteria for the Long-Term Care
Benefit in the President's Health Reform
Proposal
- 1993 Ad Hoc Reviewer: American Geriatrics Society (1993 Abstracts).
- 1991- Reviewer: *Aging: Clinical and Experimental Research* 1991

4. Community Activities:

- 2006- Member: Healthcare Committee: The Air Force Villages Inc.
- 2004- Member: The Alzheimer's Association of South Texas Regional Council
- 2000-2005 Member Advisory Board: The Alzheimer's Research and Resource Foundation
- 1999- Present Member: ABC News Alzheimer's Disease Expert Panel
- 1992-1996 Member Executive Board: The Alzheimer's Association of South Texas
- 1991-1992 Member Advisory Board: The Alzheimer's Association of South Texas

B. Patient Service:

1. Inpatient:

- 4/93-11/93 Directed the Southwest Neuropsychiatric Institute's geropsychiatry partial-hospitalization program.

2. Outpatient:

1990-1993	Audie L. Murphy Memorial Veterans' Hospital Geriatric Assessment Clinic
1990- 1995	Southwest Neuropsychiatric Institute Geriatric Assessment Clinic
1990- Present	Morningside Manor Retirement Community Geropsychiatry Consultation Service
1995-Present	Air Force Village Retirement Community Geropsychiatry Consultation Service
1997-Present	Audie L. Murphy Memorial Veterans' Hospital Geriatric Assessment Clinic
1999- 2001	UTHSCSA Memory Disorders Clinic at Villa Serena

3. Other:

1999-	Distinguished Visiting Professor (DVP) Wilford Hall Medical Center Psychiatry Consult Liaison Service.
1990-1992	Geriatric Medicine Consult Attending: Audie L. Murphy Memorial Veterans' Hospital (4 weeks/yr)
1992-2000	Geriatric Medicine Attending: Audie L. Murphy Memorial Veterans' Hospital Extended Care Treatment Center (Nursing Home)(6 weeks/year)
1992-1995	Department of Psychiatry ER backup

C. Committees:

2015-	Department of Psychiatry "Research Vision Committee"
2014-	Department of Psychiatry Geropsychiatry Fellowship "Program Evaluation Committee"
2014-	Department of Psychiatry Geropsychiatry Fellowship "Clinical Competency Committee"
2010-	South Texas Geriatric Education Center Chair, GEC Faculty Advisory (STGEC) Committee
2008-2010	South Texas Veterans Health Care STVHCS Dementia Committee System (STVHCS)

2009-	Hartford Geriatric Center of Excellence	Leadership Group
2009-	Texas Alzheimer's Consortium	Research Research Committee
2008-	Texas Alzheimer's Consortium	Research Neuropsychology Committee
2008-	Texas Alzheimer's Consortium	Research Steering Committee
2008-2010	UTMedicine	Geriatrics Committee
2005-2009	VA Hospital	GCRC Scientific Review Committee
1997-1999	UT Dean's Office	Long-Term Care Planning
1998-2000	UTHSCSA	Cancer Coordinating Committee
1995-2000	Medical Center Hospital	Drug Utilization Review
1994	UT Dean's Office	University Community Care Hospital Planning
1992	UT Psychiatry	Curriculum Review
1993-1994	Southwest Neuropsychiatric Institute	Medical Records
1993-1994	Southwest Neuropsychiatric Institute	Quality Assurance/Quality Improvement
1993-1994	Southwest Neuropsychiatric Institute	Pharmacy/Therapeutics
1993-1994	Southwest Neuropsychiatric Institute	Research Committee

D. Administrative:

1. 2005- Present Chief, UT Department of Psychiatry Division of Aging and Geriatric Psychiatry
2. 1990-2005 Head, UT Department of Psychiatry Geriatric Psychiatry Program:
 - a) Integrated geriatric assessment data collection at the Audie L. Murphy Memorial Veterans Hospital, the Southwest Neuropsychiatric Institute, and Morningside Manor.

b) Organized the Geriatric Assessment Clinic at the Audie L. Murphy Memorial Veterans Hospital

c) Established Geriatric Psychiatry Curricula for PGY-2, 3 and 5 teaching activities

3. 1990-1994 Southwest Neuropsychiatric Institute Clinical Director Geriatric Services (a University of Texas Affiliated Teaching Facility)

a) Developed and implemented fully computerized treatment plan generation for outpatient geriatric assessments

b) Organized the Geriatric Assessment Clinic at the Southwest Neuropsychiatric Institute

c) Organized the Geriatric Assessment Service at the Morningside Manor Retirement Community

d) Developed staffing, administrative, and programmatic manuals for the Southwest Neuropsychiatric Institute's geropsychiatry partial-hospitalization program

V. Other Pertinent Information:

A. Invited Lectures (National and international presentations in bold)

Scheduled Presentations:

2016 “A Latent Proxy for Dementia: Opening a New Window on Dementia’s Psychometrics (2506494)”. **69th Annual Scientific Meeting of the Gerontological Society of America. New Orleans, LA, November 20, 2016.**

Presentations 1990 – Present

2016 “The Lone Star’s State of Alzheimer’s Disease”. Department of Neurology Grand Rounds. The University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. May 20, 2016.

2016 “The Lone Star’s State of Alzheimer’s Disease”. **Key Note Address. Alzheimer's Association - Houston & Southeast Texas Chapter 2016 Professional Conference. Houston, TX. May 5, 2016.**

- 2015 “ δ is Dementia.” Department of Psychiatry Grand Rounds. The University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. October 20, 2015.
- 2015 **“Executive’ Function and the Capacity for Medical Decision Making.” Invited Lecture, Department of Psychiatry, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, JAPAN. September 20, 2015.**
- 2015 **“Psychometric Assessment of Vascular Dementia using the Latent Variable ‘ δ ’”. 7th World Congress of the International Society for Vascular Behavioural and Cognitive Disorders (VAS-COG). Tokyo, JAPAN. September 17, 2015.**
- 2015 “A Latent Variable for Dementia Case-Finding: Back to the Future of Cognitive Assessment.” Department of Pharmacology Seminar Series. The University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. April 8, 2015.
- 2015 **"The Psychometric Assessment of Dementia and Related Conditions using the Latent Variable " δ ". 2015 Annual Meeting of the American Association for Geriatric Psychiatry. New Orleans, LA. March 29, 2015.**
- 2015 “Dementia: the Cognitive Correlates of Functional Status?” Department of Medical Occupational Therapy/ Rehabilitation Therapy. San Antonio, TX. March 18, 2015.
- 2015 "The Psychometric Assessment of Dementia and Related Conditions using the Latent Variable " δ ". Barshop Institute seminar series. The University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. February 25, 2015.
- 2015 **"The Psychometric Assessment of Dementia and Related Conditions using the Latent Variable " δ ". 43rd Annual Meeting of the International Neuropsychological Society. Denver, Colorado. February 6, 2015.**
- 2014 “Back to the Future of Dementia Assessment.” Department of Psychiatry Grand Rounds. The University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. November 18, 2014.
- 2014 “Back to the Future of Dementia Assessment: General Intelligence is the Source.” 2014 Educational Meeting of Greater Houston Psychiatric Associates, PLLC. Houston, TX. September 18, 2014.
- 2014 “The ‘Pseudodementia’ of ‘Pseudodepression’.” 2014 Summer Institute on Aging. Co-sponsored by the Geriatric Research Education and Clinical Center (GRECC) at the South Texas Veterans Health Care System and the South Texas Geriatric Education Center (STGEC) of the University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. June 21, 2014.

- 2014 "A Latent Variable Approach to Dementia Case-Finding". Geriatric Research Education and Clinical Center (GRECC) Research Forum. South Texas Veterans Health Care System. San Antonio, TX. June 6, 2014.
- 2014 "A Latent Variable Approach to Dementia Case-Finding". Psychiatry Grand Rounds. UTSW School of Medicine. Dallas, TX. January, 15, 2014.
- 2013 "A Latent Variable Approach to Dementia Case-Finding". GRECC/VA Dementia Research Committee. December 18, 2013.
- 2013 "A Latent Variable Approach to Dementia Case-Finding". Eisai ISS Dementia: Advances in Research. 20th IAGG World Congress of Gerontology and Geriatrics (IAGG 2013). Seoul KOREA, June 24, 2013.**
- 2013 "The 'Pseudodementia' of 'Pseudodepression'". Presidential Symposium PS25 303-C: Late Life Depression – Advances in Research and Treatment. 20th IAGG World Congress of Gerontology and Geriatrics (IAGG 2013). Seoul KOREA, June 25, 2013.**
- 2013 "Latent Variables: A Novel Approach to Biomarker Selection in Dementia and Aging Research". GRECC Research Presentation. San Antonio, TX. June 5, 2013.
- 2013 "Lewy Body Disease: An Underrecognized Medical Disorder". 3rd Annual Geriatric Nursing Conference on Building Partnerships for Geriatric Care and Promoting Healthy Aging. April 18-19, 2013. San Antonio, TX.
- 2013 "Dementia: the Cognitive Correlates of Functional Status?" Department of Medical Occupational Therapy/ Rehabilitation Therapy. University of Texas Health Science Center at San Antonio, San Antonio, TX. February 7, 2013.
- 2012 "What's New in Geriatric Mental Health". 33rd Annual Conference on Aging. Co-sponsored by the Geriatric Research Education and Clinical Center (GRECC) at the South Texas Veterans Health Care System and the South Texas Geriatric Education Center (STGEC) of the University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX. September 28, 2012.
- 2012 "Understanding Alzheimer's Disease". Mind Science Foundation. San Antonio, TX. September 11, 2012.
- 2012 "The Cognitive Correlates of Depressive Symptoms: Why there is no such thing as 'Pseudodementia'". 2012 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 25, 2012.

- 2012 “The Cognitive Correlates of Functional Status: Why you won’t need cognitive testing for dementia’s diagnosis”. 2012 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 25, 2012.
- 2012 “AD Research Update, 2012”. Alzheimer’s Educational Summit. University of the Incarnate Word. San Antonio, TX. June 1, 2012.
- 2012 “Dementia: the Cognitive Correlates of Functional Status?” Department of Medical Occupational Therapy/ Rehabilitation Therapy. University of Texas Health Science Center at San Antonio, San Antonio, TX. February 2, 2012.
- 2012 "Modeling the Temporal Evolution of Alzheimer's Pathology with Autopsy Data." Neuroscience Seminar. University of Texas at San Antonio, San Antonio, TX. January 26, 2012.
- 2011 “Dementia: the Cognitive Correlates of Functional Status?” Grand Rounds. UTHSCSA Department of Psychiatry. December 6, 2011. San Antonio, TX.
- 2011 "Modeling the Temporal Evolution of Alzheimer's Pathology with Autopsy Data." 64th Annual Meeting of the Gerontological Society of America, Boston, MA, November 18-22, 2011.**
- 2011 "Modeling the Temporal Evolution of Alzheimer's Pathology with Autopsy Data." 2011 AAICAD. Paris, FRANCE, July 18, 2011. #14431, Mon Jul. 18 3-5PM.**
- 2011 “Alzheimer’s and Non-AD Dementias?” 2011 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 27, 2011.
- 2011 “Depression, Dementia and *Pseudodementia*” 2011 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 27, 2011.
- 2011 “The Cognitive Correlates of Functional Status: Towards a Reconceptualization of Dementia.” Methodist Neurological Institute /Nantz National Alzheimer Center Inaugural International Symposium Alzheimer’s disease: State-of-the-Art. Houston, TX. June 6, 2011.**
- 2011 “Lewy Body Disease: The Undiscovered Country.” Department of Family & Community Medicine Grand Rounds, UTHSCSA, San Antonio TX. May 13, 2011.

- 2011 “Can We Diagnose Alzheimer’s Disease with a Blood Test?” Alzheimer’s Education Summit: “In Pursuit of a Cure”. El Paso, TX, May 4, 2011.
- 2011 **“The Cognitive Correlates of Functional Status”. Invited Speaker. Department of Psychiatry and Behavioral Neurobiology. University of Alabama at Birmingham. Birmingham, AL. April 7, 2011.**
- 2011 **“The Cognitive Correlates of Functional Status”. Invited Speaker. Research and Development Conference. Eisai Inc. Woodcliff Lake, NJ. March 24, 2011.**
- 2011 **“Opportunities for Research Collaborations”. 2011 Annual Meeting of the American Association for Geriatric Psychiatry, San Antonio TX. March 19, 2011.**
- 2011 **“Lewy Body Disease: The Undiscovered Country.” 2011 Annual Meeting of the American Association for Geriatric Psychiatry, San Antonio TX. March 19, 2011.**
- 2011 “The Cognitive Correlates of Functional Status”. Quarterly Educational Meeting of Greater Houston Psychiatric Associates, PLLC, Houston, TX, February 24, 2011.
- 2010 “Lewy Body Disease: The Undiscovered Country.” Texas Society of Psychiatric Physicians, San Antonio TX. November 13, 2011.
- 2010 Workshop: “Assessment of Executive Function in Adult Protective Services Clients.” State of Oklahoma Adult Protective Services (APS) Area IV. McAlester, Oklahoma. October 15, 2010.
- 2010 Workshop: “Assessment of Executive Function in Adult Protective Services Clients.” State of Oklahoma Adult Protective Services (APS) Area V. Muskogee, Oklahoma. October 14, 2010.
- 2010 Workshop: “Assessment of Executive Function in Adult Protective Services Clients.” State of Oklahoma Adult Protective Services (APS) Area VI. Tulsa, Oklahoma. October 13, 2010.
- 2010 Workshop: “Assessment of Executive Function in Adult Protective Services Clients.” State of Oklahoma Adult Protective Services (APS) Area II. Lawton, Oklahoma. September 29, 2010.
- 2010 Workshop: “Assessment of Executive Function in Adult Protective Services Clients.” State of Oklahoma Adult Protective Services (APS) Area III. Oklahoma City, Oklahoma. September 28, 2010.

- 2010 Workshop: "Assessment of Executive Function in Adult Protective Services Clients." State of Oklahoma Adult Protective Services (APS) Area I. Enid, Oklahoma. September 27, 2010.
- 2010 "Lewy Body Disease: The Undiscovered Country." Department of Psychiatry Grand Rounds. UTMB. Galveston, TX. August 31, 2010.
- 2010 "Lewy Body Disease: The Undiscovered Country." GRECC Audio Conference Series. August 26, 2010.
- 2010 "Type 2 Dementia: The *Other* Dementia Syndrome." 2010 Medico-Legal Conference. San Antonio, TX. April 1, 2010.
- 2010 "Alzheimer's disease, vascular dementia, or both?" UTHSCSA Department of Physical Medicine & Rehabilitation DPT III Seminar. San Antonio, TX. February 25, 2010.
- 2009 "The Vascular Dementia of Pre-clinical Lewy Body Disease?" 6th International Congress on Vascular Dementia. Barcelona, SPAIN. November 20, 2009.**
- 2009 "Executive Function, Self-Neglect and Decisional Incapacity: More than Memory. 20th Conference of the Annual National Adult Protective Services Association and the 26th Annual Conference of the Texas Adult Protective Services. San Antonio, TX October 30, 2009.
- 2009 "Cognitive Screening with Clock drawing and Executive Measures: An Update." 18th Annual Congress of the International Psychogeriatric Association. Montreal CANADA, September 4, 2009.**
- 2009 "The Vascular Dementia of Lewy Body Disease?" 30th Annual Conference on Aging: Current Perspectives and New Horizons in Dementia Care. San Antonio, TX. August 21, 2009.
- 2009 "Alzheimer's Disease, Vascular Dementia, or Both?" UTHSCSA Department of Physical Medicine & Rehabilitation DPT III Seminar. San Antonio, TX. July 20, 2009.
- 2009 "Alzheimer's disease, vascular dementia, or both?" 9th World Congress of Biological Psychiatry. Paris, FRANCE, June 29, 2009.**
- 2009 "Mental Health Literacy: MCI." 2009 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 19, 2009.

- 2009 “Mental Health Assessment and Aging.” 2009 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 16, 2009.
- 2009 “Type 2 Dementia: The *Other* Dementia Syndrome.” First Annual Renaissance Neuropsychiatry Conference. Edinburg, TX, May 2, 2009.
- 2009 “Type 2 Dementia: The *Other* Dementia Syndrome.” Best Practices in the Continuum of Care: Neurological Disease in Older Adults. Little Rock VA GRECC, Little Rock, AR, April 15, 2009.
- 2009 “Towards an Aging Specific Cognitive Phenotype.” Department of Psychiatry Grand Rounds. UTHSCSA San Antonio, TX, February 3, 2009.
- 2008 “Towards an Aging Specific Cognitive Phenotype: The Freedom House Study.” Department of Medicine Grand Rounds. UTHSCSA San Antonio TX, December, 3, 2008.
- 2008 “Alzheimer’s Disease and The Capacity for Medical Decision-Making.” CEDRA Clinical Research. San Antonio, TX, August, 2008.
- 2008 “Mild Cognitive Impairment and its Subtypes”. 2008 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 18, 2008.
- 2008 “Normal Cognitive Decline”. 2008 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 18, 2008.
- 2008 “Geriatric Depression and Mortality”. 2008 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 17, 2008.
- 2008 “Executive Control and the Capacity for Medical Decision-Making”. Association of Clinical Research Professionals. San Antonio, TX. May 29, 2008.
- 2008 “The Psychometric Correlates of Mortality”. UTHSCSA Department of Medicine Research Conference. April 1, 2008. San Antonio, TX.
- 2008 “Alzheimer’s Disease and Related Dementias”. Geriatrics and Gerontology Rounds. STVHS GRECC. January 15, 2008. San Antonio, TX.
- 2007 “Alzheimer’s Disease and Related Dementias”. Grand Rounds. UTHSCSA Department of Family and Community Medicine. October 26, 2007. San Antonio, TX.

- 2007 “The Psychometric Correlates of Mortality”. Grand Rounds. UTHSCSA Department of Psychiatry. September 25, 2007. San Antonio, TX.
- 2007 “Type 2 Dementia: The *Other* Dementia Syndrome.” Annual Meeting of the UTHSCSA Department of Family and Community Medicine Practice Based Research Network. September 22, 2007. San Antonio, TX
- 2007 “Type 2 Dementia: The *Other* Dementia Syndrome.” 2007 Third International Congress of Vascular Cognitive and Behavioral Disorders (VASCOG). San Antonio, TX July 11-15, 2007.**
- 2007 “Executive function is strongly associated with white matter disease in old age.” 2007 Third International Congress of Vascular Cognitive and Behavioral Disorders (VASCOG). San Antonio, TX July 11-15, 2007.**
- 2007 “Asymmetric insular white matter disease is associated with visuospatial cognitive performance in old age.” 2007 Third International Congress of Vascular Cognitive and Behavioral Disorders (VASCOG). San Antonio, TX July 11-15, 2007.**
- 2007 “The Psychometric Correlates of Mortality”. Second Annual Heart-Brain Summit. Cleveland Clinic. Cleveland, OH.**
- 2007 “The Psychometric Correlates of Mortality”. Grand Rounds. Division of Geriatric Psychiatry. Mayo Clinic. Rochester, MN.**
- 2007 “Visuospatial Measures of Disability and Mortality in the Elderly.” 2007 Annual Meeting of the American Association for Geriatric Psychiatry. New Orleans, LA**
- 2007 “Cognitive Correlates of Mortality”. Grand Rounds. Division of Geriatrics. U.T. Southwestern Medical School. Dallas, TX.
- 2007 “Type 2 Dementia: The *Other* Dementia Syndrome”. Grand Rounds. Department of Psychiatry. University of New Mexico. February 16, 2007.**
- 2007 “Restoring Frontal Circuit Function” Neurology Grand Rounds. Department of Medicine, Division of Neurology. UTHSCSA San Antonio, TX
- 2006 “Depression, Mortality and Right Hemisphere Dysfunction.” 59th Annual Scientific Meeting of the Gerontological Society of America’s, Dallas, TX.**
- 2006 “Type 2 Dementia: The *Other* Dementia Syndrome”. 26th Annual AMEDD Neurology Conference. San Antonio, TX. November 15, 2006.**

- 2006 “Depression, Mortality and Alzheimer’s Disease”. 2006 Professional Symposium on Alzheimer’s Disease and Related Disorders: “Recognizing and Managing Medical, Behavioral, and Ethical Issues of Alzheimer’s Disease and Related Dementias”. The Alzheimer’s Association STAR Chapter. October 25, 2006. Boerne, TX
- 2006 “Psychometric Correlates of Disability and Mortality”. 115th Annual Meeting of the American Academy of Insurance Medicine. San Antonio, TX, October 9, 2006.**
- 2006 “Depression and Mortality”. Red River Summit – Texas Medical Directors Association’s Annual Educational Symposium. September 9, 2006, San Antonio, TX**
- 2006 New Concepts in Dementia. South Texas Veterans Health System Audie L. Murphy Memorial Division VERDICT. San Antonio, TX.
- 2006 Treatment Strategies for Executive Impairment. 2006 Annual Meeting of the American Association for Geriatric Psychiatry. San Juan, Puerto Rico.**
- 2006 Clock-drawing: A Rapid Method for Dementia Screening. 2006 Professional Symposium on Alzheimer’s Disease and Related Disorders: “Tools for Health Care Professionals”. The Alzheimer’s Association STAR Chapter. March 8, 2006. San Antonio, TX
- 2006 “Cognitive Correlates of Disability: A Report from the American Neuropsychiatric Association Committee on Research.” American Neuropsychiatric Association. 17th Annual Meeting. San Diego, CA.**
- 2005 “Frontal lobe and executive dysfunction: Practical Approaches to Assessment. National Academy of Neuropsychology”, Tampa, FL**
- 2005 “Cognitive Correlates of Mortality” Bexar County Chapter of the Texas Society for Psychiatric Physicians. San Antonio, TX
- 2005 “Vascular Dementia” 26th Annual Conference on Aging: San Antonio, TX
- 2005 "'Mild" Cognitive Impairment (MCI): When "Senior Moments" Spell Trouble'. Regional Symposium on Alzheimer’s Disease and Related Disorders. Corpus Christie, TX
- 2005 "'Mild" Cognitive Impairment (MCI): When "Senior Moments" Spell Trouble'. Regional Symposium on Alzheimer’s Disease and Related Disorders. Kerrville, TX

- 2005 **“MCI as a Dementing *Process*.” MCI Symposium III. The Wien Center, Mt Sinai Medical Center & The Johnnie B. Byrd Alzheimer’s Center and Research Institute. Miami, FL.**
- 2005 **‘Practical Assessment of ECF Impairment.’ 2005 Annual Meeting of the American Association for Geriatric Psychiatry. San Diego, CA**
- 2005 **‘Executive Dysfunction in “Non-dementing” Disorders.’ 2005 Annual Meeting of the American Association for Geriatric Psychiatry. San Diego, CA**
- 2005 Non-AD Dementias: the "Good" New is it's not Alzheimer's... Regional Symposium on Alzheimer’s Disease and Related Disorders. San Antonio, TX
- 2004 **"Manifestations of Frontal and Executive Dysfunction in Non-Dementing Psychiatric Disorders" University of Michigan CME Conference on “Integrative Psychiatry and Frontal Executive Function” Ann Arbor, MI**
- 2005 **“Are Frontal and Executive Dysfunction the Essential Features of Dementia?” University of Michigan CME Conference on “Integrative Psychiatry and Frontal Executive Function” Ann Arbor, MI**
- 2004 **“Mixed (Up) Dementia: A Model of ICVD’s Association with Clinical “AD” dementia”. Key Note Address: 3rd Milan *Conferenza di Neurologia*. Milan, ITALY.**
- 2004 “Memantine: An Alternative Treatment for Dementia.” Kerrville VA Hospital. Kerrville, TX.
- 2004 **“Type 2 Dementia: The *Other* Dementia Syndrome.” Veterans’ Administration National Geriatrics & Extended Care Monthly Conference Call.**
- 2004 **“Cognitive Predictors of Mortality Among Well Elderly Retirees: Results from the Freedom House Study.”17th Annual Meeting of the American Association for Geriatric Psychiatry. Baltimore, MD**
- 2003 **“Evaluating Older Patients for Executive Dysfunction. 5th Annual Geriatric Medicine and Gerontological Update. New Orleans, LA.**
- 2003 “Preventing Dementia.” 24th Annual Conference on Aging: San Antonio, TX
- 2003 “Executive Impairment and Physical Activity in Diabetes Mellitus” Advanced Research Workshop: Aging, Exercise, and Cognition: Exercise Effects on Mediators of Cognition in Older Adults. University of Texas Gerontological Institute. Austin, TX

- 2003 “New Approaches to the Treatment of Alzheimer’s Disease. 14th Annual Summer Intensive Multidisciplinary Program in Geriatrics and Gerontology. San Antonio, TX
- 2003 “Bedside Executive Assessment with the Executive Interview.” Department of Psychiatry Research Conference. Johns Hopkins Hospital, Baltimore, MD**
- 2003 “Cognitive Assessment in Cancer” Pre-conference workshop on post-chemotherapy cognitive impairment. Banff, Alberta. CANADA**
- 2003 “Preventing Dementia” Texas Medical Association TexMED ’03 Symposium on Geriatrics. San Antonio, TX
- 2003 “Clock-drawing for Primary Care Physicians.” Department of Family Practice. UTHSCSA San Antonio, TX
- 2003 “Mixed (up) Dementias” Second Annual Winter Regional Symposium on Alzheimer’s Disease and Related Dementias. Alzheimer’s Association. Kerrville, TX
- 2003 “Mixed (up) Dementias” Winter 2003 Regional Professional Symposium on Alzheimer’s Disease and Related Dementias. Alzheimer’s Association. San Antonio, TX
- 2003 “New Concepts in Dementia”. UTHSCSA School of Nursing.
- 2003 “Novel Approaches to Preclinical Diagnosis of Alzheimer’s Disease.” Grand Rounds. Division of Geriatrics. U.T. Southwestern Medical School. Dallas, TX.
- 2002 “Cognitive Determinants of Disability: What are We Missing in Dementia Assessment?” Neurology Outcomes Research Meeting in conjunction with the 127th Annual Meeting of the American Neurological Association New York, NY**
- 2002 “Type 2 Dementia: The *Other* Dementia Syndrome” Texas Association of Homes and Services for the Aged. Educational Institute on Aging Housing Seminar “Aging in Place” University of the Incarnate Word, San Antonio, Texas
- 2002 “Mild Cognitive Impairment” Grand Rounds. Sun Health Research Institute. Sun City, AZ.**
- 2002 “Normal Aging: Results from the Air Force Villages Study”. Department of Psychiatry Research Conference. Johns Hopkins Hospital, Baltimore, MD**
- 2002 “Normal Aging: Results from the Air Force Villages Study”. Department of Psychiatry Grand Rounds. Wake Forest University School of Medicine. Winston-Salem, NC**

- 2002** “Type 2 Dementia: The *Other* Dementia Syndrome” Forsyth County Psychiatric Society. Winston-Salem, NC
- 2002 “Normal Aging: Results from the Air Force Villages Study”. Grand Rounds. The Department of Psychiatry. UTHSCSA. San Antonio, TX
- 2001 “Air Force Villages Research Update” The Air Force Villages. San Antonio, TX
- 2001 “Understanding Problem Behavior in Dementia” The Air Force Villages. San Antonio, TX
- 2001** “Executive Control and the ‘Diogenes Syndrome’.” National Adult Protective Services Association. San Antonio, TX
- 2001** “Clock Drawing is Sensitive to Executive Control in Non-AD Dementias.” 10th Annual Congress of the International Psychogeriatric Association. Nice, FRANCE
- 2001** “Recognizing the Etiology of Subsyndromal Symptoms” Northpoint Education Resource Center (ERECC) Program: Impact of Mental Illness in the Primary Care Setting and the Aging Veteran. New York City, NY
- 2001 “Objective Assessment of Level of Care in Older Retirees.” Texas Academy of Family Physicians 2001 Family Practice CME & EXPO. Houston, TX
- 2001 “Type 2 Dementia: The *Other* Dementia Syndrome”. Department of Rehabilitation Medicine Grand Rounds. University Hospital. San Antonio, TX.
- 2001** Program Chair: “Distinguishing Normal Aging from Pre-Clinical AD: The Air Force Villages Study” The XVIIth World Congress of the International Association of Gerontology. Vancouver, CANADA
- 2001** “Executive Function and Behavior: Practical Approaches to Understanding Problem Behavior.” The XVIIth World Congress of the International Association of Gerontology. Vancouver, CANADA
- 2001** “Pharmacotherapy of Problem Behavior.” The XVIIth World Congress of the International Association of Gerontology. Vancouver, CANADA
- 2001** “ApoE Phenotyping and Cognitive Test Performance in Non-demented Elderly Persons.” The XVIIth World Congress of the International Association of Gerontology. Vancouver, CANADA

- 2001 “New Concepts in Dementia.” 11th Annual Geriatric Psychiatry Update. U.T. Southwestern Medical School. Dallas , TX.
- 2001 “Executive Impairment Among Elderly Retirees: The Freedom House Study.” 11th Annual Geriatric Psychiatry Update. U.T. Southwestern Medical School. Dallas , TX.
- 2001 “New Concepts in Dementia.” Grand Rounds. Diagnostic Clinic of Houston. Houston , TX.
- 2000 “APOE and Dementia.” Topics in Gerontology. UTHSCSA. San Antonio, TX.
- 2000 Royall DR, Hayee AA, Iqbal SS, Polk MJ, Chiodo LK, Chambers JP. Apolipoprotein E alleles are monoallelically expressed in human buccal cells. Poster presented at the 53rd Annual Meeting of the Gerontological Society of America. Washington, D.C.**
- 2000 “Understanding Problem Behavior in Dementia” Fall 2000 Professional Symposium on Alzheimer’s and Related Disorders. The Alzheimer’s Association of South Central Texas. San Antonio, TX
- 2000 “Vascular Depression” Advances in Neurorehabilitation. The Brown School. Austin, TX
- 2000 “Dementia and Delirium in the Elderly” Texas Academy of Family Physicians. 2000 Annual Session and Scientific Assembly. Austin, TX
- 2000 “The Case for Senility” Geriatrics Grand Rounds. Dallas Veterans’ Hospital. Dallas TX.
- 2000 “Executive Dyscontrol at the Transition Between Early and Late Old Age.” Grand Rounds. Department of Family Practice. UTHSCSA San Antonio, TX
- 2000 “Minimal Cognitive Impairment” in a Supranormal Elderly Population”. 21st Annual Conference on Aging. Co-sponsored by the Geriatric Research Education and Clinical Center (GRECC) at the South Texas Veterans Health Care System and the South Texas Geriatric Education Center (STGEC) of the University of Texas Health Science Center at San Antonio (UTHSCSA). San Antonio, TX.
- 2000 “Understanding Problem Behavior in Dementia” Texas Department of Health Quarterly CME Conference. Austin, TX
- 2000 “Novel Perspectives on Dementia” 23rd Annual Symposium. American Medical Directors Association. San Francisco, CA**

- 2000 "The Pseudodepression of Pseudodementia" Medical Grand Rounds. Austin Diagnostic Clinic. Austin, TX
- 1999 "Prevalence and Severity of Executive Cognitive Impairment Among Diabetic Out-Patients". 52nd Annual Meeting of the Gerontological Society of America. San Francisco, CA
- 1999 "Correlates of Disability among Elderly Retirees with 'Sub-clinical' Cognitive Impairment". 52nd Annual Meeting of the Gerontological Society of America. San Francisco, CA
- 1999 "Executive Control Functions (ECF): A Challenge to Aging Healthcare Policy" 52nd Annual Meeting of the Gerontological Society of America. San Francisco, CA
- 1999 "Type 2 Dementia: The *Other* Dementia Syndrome". Southern Medical Association, Dallas, TX
- 1999 "The Case for Senility" Southern Medical Association, Dallas, TX
- 1999 "How to Assess Dementia: A Primer". The City of New York Department of the Aging /Fisher Foundation. New York, NY.
- 1999 "The Case for Senility". Topics in Gerontology. UTHSCSA. San Antonio, TX.
- 1999 "Type 2 Dementia: The *Other* Dementia Syndrome". First International Congress on Vascular Dementia. Geneva, SWITZERLAND.
- 1999 "Dementia Sub-Types in a Well Elderly Cohort." First International Congress on Vascular Dementia. Geneva, SWITZERLAND.
- 1999 "Executive Control: An Important Determinant of Functional Status in the Elderly" Advances in Neurorehabilitation. The Brown School. Austin, TX
- 1999 "Executive Control: An Important Determinant of Functional Status and Level of Care" Maine-Dartmouth Department of Family Practice. Rockland, Maine
- 1999 "New Concepts in Dementia" 11th Annual Texas Nurse Practitioners' Conference. San Antonio, TX
- 1999 "Executive Control: An Important Determinant of Functional Status Among the Elderly". University of Maryland Center for Research on Aging. Baltimore, MD.

- 1999** “The Clinical Assessment of Executive Control Function” ” 22nd Annual Symposium. American Medical Directors Association. Orlando, FL
- 1999** “Clock Drawing: A Culture Fair Dementia Screen”. Aging in the Americas: Frontiers of Care, Policy and Research. San Antonio, TX.
- 1999** “Understanding Depressive Symptoms in Dementia”. University of Alabama at Birmingham.
- 1999 “Assessing Decisional Capacity in a Demented Patient”: A Dilemma for Investigators. Geriatric Grand Rounds. University of Texas Southwestern Medical School. Dallas, TX
- 1999** “Executive Control: An Important Determinant of Functional Status Among the Elderly” Health ABC Steering Committee. San Francisco, CA.
- 1998 “Early Detection and Diagnosis of Dementia” Texas Department of Health Quarterly CME Conference. Austin, TX
- 1998** “Prevalence of ECF Impairment among Healthy Non-Institutionalized Retirees: The Freedom House Study” 51st Annual Meeting of the Gerontological Society of America. Philadelphia, PA.
- 1998** “Type 2 Dementia: The *Other* Dementia Syndrome”. Department of Psychiatry Grand Rounds. University of Illinois. Chicago, IL.
- 1998 “Understanding Depressive Symptoms in Dementia”. Texas Academy of Family Practitioners. Austin, TX.
- 1998 “Understanding Depressive Symptoms in Dementia”. Texas Academy of Family Practitioners. Abilene, TX.
- 1998** “Prevalence and Severity of Executive Cognitive Impairment Among Non-institutionalized Retirees”. 3rd International Conference on Frontal Dementias. Lund, SWEDEN.
- 1998 “Type 2 Dementia: The *Other* Dementia Syndrome”. Department of Medicine Chairman’s Research Conference. UTHSCSA San Antonio, TX
- 1998 “Executive Control and the Capacity for Medical Decision Making” Texas Medical Association TexMED ’98 Symposium on Geriatrics. Austin, TX
- 1998 “Type 2 Dementia: The *Other* Dementia Syndrome”. Wichita Falls State Hospital, Wichita Falls, TX

- 1998 “Type 2 Dementia: The *Other* Dementia Syndrome”. University of North Texas’ Health Symposium 2000. Ft. Worth, TX
- 1998 “The Potential of Clock-drawing as a Rapid Dementia Screening Method” 21st Annual Symposium. American Medical Directors Association. San Antonio, TX**
- 1998 “Executive Control Function: An Important Determinant of Functional Disability among the Elderly” 21st Annual Symposium. American Medical Directors Association. San Antonio, TX**
- 1998 “New Developments in Research on the Treatment of Alzheimer’s Disease” Association of Retired Army Officers. San Antonio, TX
- 1997 “Non-Cortical Dementia: The *Other* Dementia Syndrome”. Santa Rosa Geriatric Health Issues Conference. San Antonio, TX
- 1997 “Pharmacological Approaches to the Treatment of Alzheimer’s Disease.” Department of Medicine Grand Rounds. North Texas College of Osteopathy. Ft. Worth, TX
- 1997 “Type 2 Dementia: The *Other* Dementia Syndrome”. 3rd Annual Geriatric Symposium. Providence Medical Center. Seattle, WA**
- 1997 “Type 2 Dementia: The *Other* Dementia Syndrome”. Department of Medicine Grand Rounds, St. Margaret’s Memorial Hospital. Pittsburgh, PA**
- 1997 “Type 2 Dementia: The *Other* Dementia Syndrome”. Pennsylvania Medical Director’s Association /Pennsylvania-West Virginia Geriatrics Society. Monroeville, PA**
- 1997 “Type 2 Dementia: The *Other* Dementia Syndrome”. Department of Medicine Grand Rounds, The Medical Center. Beaver , PA**
- 1997 “Disentangling Dementia from Depression” Texas Academy of Physicians’ Assistants. Corpus Christi, TX
- 1997 “Non-Cortical Dementia: Treating the *Other* Dementia Syndrome”. Medicine Grand Rounds. William Beaumont Hospital. Royal Oak, MI**
- 1997 “Cognitive Determinants of Functional Outcomes”. 51st National Kinesitherapy Association Conference. San Antonio, TX
- 1997 “Pharmacological Approaches to the Treatment of Alzheimer’s Disease.” 17th Annual Meeting of the North Texas College of Osteopathy, South Padre Island, TX

- 1997 “Pharmacological Approaches to the Treatment of Alzheimer’s Disease.” Neurology Grand Rounds. UTHSCSA. San Antonio, TX
- 1997 “Non-cortical Dementia: Treating the *Other* Dementia Syndrome”. 20th Annual Symposium. American Medical Directors Association. Phoenix, AZ**
- 1997 Pharmacological Approaches to the Treatment of Alzheimer’s Disease. Medicine Grand Rounds. Breckenridge Hospital. Austin, TX
- 1997 “Disentangling Dementia from Depression” Neurology Grand Rounds. Wilford Hall Medical Center San Antonio, TX
- 1996 “Depression, Dementia, or Apathy? Understanding Depressive symptoms in old age.” Psychiatry Grand Rounds. Baylor University. Houston, TX
- 1996 “Executive Cognitive Function: Anatomy, Measurement and Clinical Significance”. Hospital Saint-Luc. Montreal, Quebec CANADA**
- 1996 “Age Associated Frontal System Impairment?” 49th Annual Meeting of the Gerontological Society of America. Washington DC.**
- 1996 “Disentangling Dementia and Depression in the Elderly”. Georgetown University Department of Psychiatry at Fairfax Hospital. Fairfax, VA**
- 1996 “Executive Control Functions and Psychiatric Disability” California Psychiatric Association. Rancho Mirage, CA**
- 1996 “How to Select Cases for Dementia Treatment”. National Conference of Geriatric Nurse Practitioners. Houston, TX**
- 1996 “How to Select Treatment for Dementia Cases”. National Conference of Geriatric Nurse Practitioners. Houston, TX**
- 1996 "Behavioral Symptoms in Dementia". Normandy Terrace Retirement Community. San Antonio, Texas.
- 1996 “How to Assess Dementia: A Primer.” 47th Annual Session of the TAFP. Dallas, TX
- 1996 “Dementia”. Core Curriculum Lectures in Geriatric Medicine. The American Geriatrics Society. Chicago, IL**
- 1996 “Executive Cognitive Function: Anatomy, Measurement and Clinical Significance”. Annual Review of Psychiatry. The American Psychiatric Association. New York, NY**

- 1996 "Psychiatric Assessment in Managed Care Settings". Texas Geriatrics Society Annual Symposium. Texas Medical Society. San Antonio, TX
- 1996 "Competency Assessment in the Elderly". Texas Geriatrics Society Annual Symposium. Texas Medical Society. San Antonio, TX
- 1996 "The Potential of Clock-Drawing as a Screening Test for Dementia". Charlestown Retirement Community. Baltimore, MD**
- 1996 "Executive Cognitive Function: Anatomy, Measurement and Clinical Significance". Charlestown Retirement Community. Baltimore, MD**
- 1996 "Measurement and Clinical Significance of Executive Cognitive Function. Johns Hopkins Bayview. Baltimore, MD".**
- 1996 "Understanding Problem Behaviors in Dementia". Regional Radio-conference: University of Texas' Health Network of Texas. San Antonio, Texas.
- 1996 "Bedside Discrimination of Alzheimer's (AD) from Non-AD and Mixed Dementias". Princeton Medical Group Grand Rounds. San Antonio, TX.
- 1996 "The Assessment of Executive Control Function (ECF)". San Antonio Dental Hygienists Society. San Antonio, TX
- 1996 "Clinical Significance of Frontal System Pathology". Annual Review of Geriatric Psychiatry UT Southwestern Medical School. Dallas, TX.
- 1996 "The Potential of Clock-drawing as a Screening Test for Dementia". Geriatric Grand Rounds. UT Southwestern Medical School. Dallas, TX.
- 1996 "The Assessment of Executive Control Function (ECF)". Georgetown University Department of Psychiatry at Fairfax Hospital. Fairfax, VA.**
- 1995 "Executive Control and the Capacity for Medical Decision Making Among Elderly Retirees". Symposium: 48th Annual Meeting of the Gerontological Society of America. Los Angeles, California.**
- 1995 "Bedside Discrimination of Alzheimer's (AD) from Non-AD and Mixed Dementias". Texas Society of Psychiatric Physicians, San Antonio, Texas.
- 1995 "Speculations on the Relationship Between Apathy and Executive Control Function" American Psychiatric Association, Miami Florida.**
- 1995 "Clock drawing: An Example of Local Research in Alzheimer's Disease". ROOTS. San Antonio, Texas.

- 1995 "Understanding Problem Behaviors in Dementia". St. David's Neuroscience Institute. Austin, Texas
- 1995 "Understanding Problem Behaviors in Dementia". Regional Radio-conference: University of Texas' Health Network of Texas. San Antonio, Texas.
- 1995 "Bedside Discrimination of Alzheimer's (AD) from Non-AD and Mixed Dementias". St. Department of Neurology Grand Rounds, University of Texas Health Sciences Center at San Antonio, Texas.
- 1995 "Bedside Discrimination of Alzheimer's (AD) from Non-AD and Mixed Dementias". St. David's Neuroscience Institute and the University of Texas at Austin's Institute for Neuroscience. Austin, Texas
- 1995 "Bedside Discrimination of Alzheimer's (AD) from Non-AD and Mixed Dementias" Texas State Society of Family Practice Physicians/ Texas Medical Association. Dallas, Texas.
- 1994 "Bedside Assessment of Executive Dyscontrol: Implications for Long Term Care Policy". Department of Health and Human Services' Advisory Panel on Severe Cognitive/ Severe Mental Impairment Eligibility Criteria for the Long-Term Care Benefit in the President's Health Reform Proposal. Washington, D.C.**
- 1994 "Bedside Classification of Cortical/ Non-cortical Dementia Type Using the Qualitative Evaluation of Dementia (QED)". Paper presented at the 47th Annual Meeting of the Gerontological Society of America. Atlanta, Georgia.**
- 1994 "Novel Approaches to Dementia's Assessment". Grand Rounds: Department of Psychiatry. St. Louis University. St. Louis, Missouri.**
- 1994 "Clinical Correlates of Executive Dyscontrol". Alzheimer's Research Group. St. Louis University. St. Louis, Missouri.**
- 1994 "Effective Management of Depression and Anxiety in Old-Age". Scott and White Clinic Annual Review of Medicine in Old Age. San Antonio, Texas
- 1994 "Dementia, Depression, or Apathy? The Clinical Correlates of Sub-cortical Brain Disease". 15th Annual Geriatric Medicine Board Review: Diagnostic & Clinical Dilemmas in the Elderly. Department of Medicine. University of Texas Health Science Center at San Antonio.
- 1994 "Novel Clinical Approaches to the Assessment of Dementia". Grand Rounds: Department of Medicine. University of Texas Health Science Center at San Antonio, Texas.

- 1994 "Behavioral symptoms in dementia". Family Awareness Communication and Education Series. Morningside Manor Retirement Community. San Antonio, Texas.
- 1994 "Dementia: A Review". Internal Medicine Review Course. Southwestern Medical School. Dallas, Texas.
- 1994 "Qualitative Issues in the Assessment of Dementia". The 6th Annual Scientific Meeting of the American Neuropsychiatric Association. Newport, Rhode Island.**
- 1994 "Behavioral features of Cortical/Non-Cortical Dementia". Brown University Gerontology Center. Providence, Rhode Island.**
- 1994 "Qualitative Discrimination of Vascular, Non-Vascular and Mixed Dementia". Harvard University Gerontology Programs: Hebrew Care and Rehabilitation Center. Boston, Massachusetts.**
- 1994 "Understanding Behavior Problems in Dementia". Air Force Village II, San Antonio, Texas.
- 1994 "Understanding Behavior Problems in Dementia". Air Force Village I, San Antonio, Texas.
- 1994 "Managing Behavior Problems in the Nursing Home". National Teleconference. Austin, Texas.**
- 1994 "Introduction to Dementia". Department of Physical Rehabilitation. University of Texas Health Science Center at San Antonio.
- 1994 "Understanding Problem Behaviors in Dementia". Regional Radio-conference: University of Texas' Health Network of Texas. San Antonio, Texas.
- 1994 "Qualitative Approaches to the Assessment of Dementia". Grand Rounds. Department of Neurology. University of Texas Health Science Center at San Antonio.
- 1994 "Qualitative Features of Problem Behavior in Dementia" Grand Rounds. Department of Psychiatry. University of Texas Health Science Center at San Antonio.
- 1994 "Geriatric Practice Guidelines: What's in it for you?" 5th Annual Educational Symposium of the Texas Geriatrics Society. San Antonio, Texas.
- 1993 "Qualitative Approaches to the Assessment of Dementia". Brown University Gerontology Center. Providence, Rhode Island.**

- 1993 "Understanding Behavior Problems in Dementia". Tufts University. Boston, Massachusetts.
- 1993 "Executive Dyscontrol of Behavior in Dementia". Harvard University Gerontology Programs: Hebrew Care and Rehabilitation Center. Boston, Massachusetts.
- 1993 "Qualitative Approaches to the Assessment of Dementia". Kerrville Veterans Administration Medical Center. Kerrville, Texas.
- 1993 "New Issues in the Assessment of Dementia". 1993 Summer Intensive in Geriatric Medicine: Treating the Elderly Patient. South Texas Geriatric Education Center. San Antonio, Texas.
- 1993 "Understanding Behavior Problems in Dementia". ROOTS. San Antonio, Texas.
- 1993 "Treating the Elderly Patient". South Texas Geriatric Education Center. San Antonio, Texas.
- 1993 "Qualitative Assessment of Dementia". Texas Medical Association Geriatric Educational Symposium. Houston, Texas.
- 1993 "Understanding Behavior Problems in Dementia". Super Seniors. San Antonio, Texas.
- 1993 "Management of Behavior Problems". 14th Annual Conference on Aging: Issues in Long Term Care. San Antonio, Texas.
- 1993 "Introduction to Dementia". Department of Physical Rehabilitation. University of Texas Health Science Center at San Antonio.
- 1993 **"Executive Dyscontrol of Behavior in Dementia". University of California at San Diego. San Diego, California.**
- 1993 "The Assessment of Executive Cognitive Dysfunction" 5th Annual Meeting of the American Neuropsychiatric Association, San Antonio, Texas.
- 1993 "Introduction to Alzheimer's Disease" Bexar County Physician Assistant Society. San Antonio, Texas.
- 1993 "Bedside Evaluation of *Very Early* Dementia" South Texas Geriatric Education Center Topics in Geriatrics and Gerontology. San Antonio, Texas.
- 1993 "How to Understanding Problem Behavior in Alzheimer's Disease" The Alzheimer's Association of South Texas. San Antonio, Texas.

- 1992 **"Understanding Problem Behavior in AD". (Sponsored by Hoechst-Roussel Pharmaceuticals) St. Francis Hospital. Tucson, Arizona.**
- 1992 **"Understanding Problem Behavior in Dementia: An Overview of the Importance of Executive Dyscontrol to the Behavioral and Functional Sequelae of Dementia". 46th Annual Meeting of the Gerontological Society of America. Washington D.C.**
- 1992 **"Bedside Assessment of Dementia Type Using the Qualitative Evaluation of Dementia (QED)". Gerontological Society of America, Washington D.C.**
- 1992 **"Bedside Assessment of Executive Dyscontrol". Department of Psychiatry, Johns Hopkins Hospital. Baltimore, Maryland.**
- 1992 "Managing Alzheimer's Disease": A Regional Workshop on Alzheimer's Disease Sponsored by the Alzheimer's Association". San Antonio, Texas.
- 1992 "Bedside Assessment of Frontal degeneration: Distinguishing AD from Non-AD Cortical Dementia". University-Industry Cooperative Research Center Workshop on Aging, San Antonio, Texas.
- 1992 **"Novel Approaches to the Assessment of Dementia" Brown University. Providence, Rhode Island.**
- 1992 **"Bedside Assessment of Frontal Degeneration: Distinguishing AD from Non-AD Cortical Dementia". 2nd International Conference on Frontal Lobe Degeneration of Non-Alzheimer Type. Lund, SWEDEN.**
- 1992 "Novel Strategies in the Assessment of Dementia". San Antonio Veterans Administration Outpatient Assessment Clinic. San Antonio, Texas.
- 1992 "Managing Problem Behavior in Dementia". Texas Medical Association. Geriatric Educational Symposium. San Antonio, Texas.
- 1992 **"Executive Dyscontrol of Behavior in Dementia". Department of Neuroscience University of California at Los Angeles, Los Angeles, California.**
- 1992 "Understanding Problem Behavior in Dementia". Department of Psychiatry Geriatric Board Review Course. University of Texas Southwestern Medical School at Dallas, Texas.
- 1992 "Functional Impact of Executive Deficits". Topics in Geriatrics and Gerontology. University of Texas Health Science Center at San Antonio.
- 1991 "Understanding Problem Behavior": Morningside Manor. San Antonio, Texas.

- 1991 "Understanding Problem Behavior in Dementia": Bexar County Psychiatric Association. San Antonio, Texas.
- 1991 "Non-Pharmacological Strategies for the Management of Problem Behavior in the Nursing Home. 12th Annual Review Course in Geriatric Medicine. University of Texas Health Science Center at San Antonio.
- 1991 "Understanding Problem Behavior in Dementia". Department of Medicine. University of Texas Southwestern School of Medicine. Dallas, Texas.
- 1991 "Introduction to Dementia". Workshop Sponsored by Hoechst Roussel. San Antonio, Texas.
- 1991 "Overview of Alzheimer's Disease". Workshop Sponsored by Hoechst Roussel. San Antonio, Texas.
- 1991 "Controversies in Alzheimer's Research". Workshop Sponsored by Hoechst Roussel. San Antonio, Texas.
- 1991 "Rehabilitation Strategies in Dementia" Department of Medical Occupational Therapy/ Rehabilitation Therapy. University of Texas Health Science Center at San Antonio.
- 1991 "Understanding Alzheimer's Disease". St. Luke's Lutheran Hospital. San Antonio, Texas.

B. Symposia

Program Chair: "A Latent Proxy for Dementia: Opening a New Window on Dementia's Psychometrics". 69th Annual Scientific Meeting of the Gerontological Society of America. New Orleans, LA, November 20, 2016.

Program Chair: "The Psychometric Assessment of Dementia and Related Conditions using the Latent Variable δ ". 43rd Annual Meeting of the International Neuropsychological Society. Denver, Colorado. February 6, 2015.

Program Chair: "Lewy Body Disease: The Undiscovered Country." 2011 Annual Meeting of the American Association for Geriatric Psychiatry, San Antonio TX. March 19, 2011.

Program Chair: Geropsychiatry Survey: 2008 Summer Institute in Aging. South Texas Education Center (STGEC) /Geriatric Research Education and Clinical Center (GRECC). San Antonio, TX. June 17-18, 2008.

Program Chair: "Type 2 Dementia. The *Other* Dementia Syndrome." [Workshop] The Third International Congress on Vascular Cognitive and Behavioral Disorders (VASCOG). San Antonio, TX July 10, 2007.

Program Chair: "Clinical Assessment of Executive Function: From Theory to Practice." Pre-conference Symposium in conjunction with the Third International Congress on Vascular Cognitive and Behavioral Disorders (VASCOG). San Antonio, TX July 10, 2007.

Program Chair: "Depression Mortality and Right Hemisphere Dysfunction." 59th Annual Scientific Meeting of the Gerontological Society of America Dallas, TX, November, 2006

Presenter: "Frontal lobe and executive dysfunction: Practical Approaches to Assessment. National Academy of Neuropsychology", Tampa, FL, September, 2005.

Program Chair: "Distinguishing Normal Aging from Pre-Clinical AD: The Air Force Villages Study." The XVIIth World Congress of the International Association of Gerontology. The Fairmont Waterfront Hotel, Vancouver, CANADA. July 2, 2001.

Program Chair: "Managing Dementia: Integrating Behavior Management and Pharmacotherapy". 21st Annual Conference on Aging. Co-sponsored by the Geriatric Research Education and Clinical Center (GRECC) at the South Texas Veterans Health Care System and the South Texas Geriatric Education Center (STGEC) of the University of Texas Health Science Center at San Antonio (UTHSCSA). Adam's Mark Hotel, San Antonio, TX. July 21, 2000.

Program Chair: "Frontal System Disorders: Implications for Clinical Assessment and Health Care." 52nd Annual Scientific Meeting of the Gerontological Society of America. San Francisco, CA. November 22, 1999.

Program Chair: "Executive Control: Implications for Functional Capacity and Competency Assessment Among the Aged". 51st Annual Scientific Meeting of the Gerontological Society of America. Philadelphia, PA. November, 1998.

Program Chair: "Executive Control Function Assessment: Training Workshop /Seminar"

Workshop on the use of executive cognitive measures prepared for South Texas diabetic patient healthcare providers with grant support from the South Texas Research Center. San Antonio, TX. November, 1998.

Program Chair: "National Depression Screening Day, 1998". Morningside Manor and the Air Force Villages Retirement Communities. San Antonio, TX. October, 1998.

Program Chair: "Executive Control Function Assessment: Training Workshop /Seminar." Workshop on the use of executive cognitive measures prepared for the clinical staff of the

Texas Tech University Correctional Mental Health Services, Lubbock TX, San Antonio, TX. June, 1998.

Program Chair: "Geropsychiatry for the Primary Care Physician" 21st Annual American Medical Director's Association Symposium. San Antonio, TX. March, 1998.

Program Chair: "Dementia Assessment: Training for the Future" Workshop on the use of executive cognitive measures prepared for the clinical staff of the Lovelace Health Systems, Albuquerque, NM, San Antonio, TX. August, 1997.

Program Chair: Overview of Alzheimer's Disease. Workshop sponsored by Pfizer Pharmaceuticals. The Air Force Villages. San Antonio, TX. January, 1997.

Program Chair: "Geriatric Practice Guidelines: What's in it for you?" 5th Annual Educational Symposium of the Texas Geriatric Society. San Antonio, TX. February 4-6, 1994.

Program Chair: "Geropsychiatry for the Primary Care Physician" 6th Annual Geriatric Medicine Update of the Texas Geriatric Society. San Antonio, TX. May, 1996.

Program Chair: Understanding Problem Behavior in Dementia: An Overview of the Importance of Executive Dyscontrol to the Behavioral and Functional Sequelae of Dementia. Presented: Gerontological Society of America. Washington DC, 1992. Gerontologist 32:220, 1992.

Program Chair: Overview of Alzheimer's Disease. Workshop sponsored by Hoechst Roussel. San Antonio Convention Center, September 1991.

Program Chair: "Managing the Many Faces of Alzheimer's Disease: Regional Workshop on the Clinical Management of Alzheimer's Disease." Sponsored by the Alzheimer's Association and Sigma Tau Professional Society. Gunter Hotel San Antonio, Texas.

C. Foreign Languages: Spanish, French