

DUKE UNIVERSITY MEDICAL CENTER

CURRICULUM VITAE

Name: Deborah Koltai Attix, Ph.D., ABPP/CN

Primary academic department: Department of Psychiatry and Behavioral Sciences,
Medical Psychology; Division of Geriatric Psychiatry

Secondary appointment: Department of Neurology,
Division of Behavioral Neurology

Present academic rank and title: Associate Professor
Medical Director, Duke Clinical Neuropsychology Service

Licensure: Psychology License - 2193 North Carolina

Specialty certification(s):
Board Certification with the American Board of Professional Psychology (ABPP)
Diplomate in Clinical Neuropsychology (ABCN): May 2004

Date of Birth: October 26, 1967 **Place:** Pottstown, PA, USA

Citizen of: USA

Education:

Brush High School	6/85	HS Diploma
Santa Clara University	6/89	B.S. Psychology
California School of Professional Psychology, Berkeley/Alameda	6/91 9/93	M.A. Clinical Psychology Ph.D. Clinical Psychology
Sepulveda Dept. of Veterans Affairs	9/93	Pre-Doctoral Internship
Cleveland Clinic Foundation	9/95	PostDoctoral Fellowship

Professional Training and Academic Career:

<u>Institution</u>	<u>Position/Title</u>	<u>Dates</u>
SEPULVEDA VETERANS AFFAIRS MEDICAL CENTER		
Sepulveda, CA	<ul style="list-style-type: none">Psychology Intern Clinical Psychology	1992-1993

CLEVELAND CLINIC FOUNDATION

Cleveland, OH

- Postdoctoral Fellowship
Clinical Neuropsychology 1993-1995

DUKE UNIVERSITY MEDICAL CENTER

Durham, NC

- Medical Director
Duke Clinical Neuropsychology Service 1995-Present
- Associate Professor
Psychiatry and Behavioral Sciences,
Division of Medical Psychology
(Assistant Clinical Professor 1995-2006) 2003-Present
- Associate Professor
Medicine, Division of Neurology
(Assistant Clinical Professor 1995-2007) 2006-Present
- Senior Fellow, Geriatrics Division 2007-Present
- Senior Fellow, Geriatrics Division 1996-Present

Publications (Attix, see Koltai)**Refereed Journals:**

- 1) **Koltai, D.**, Bowler, R.M., & Shore, M.D. (1996). The Rivermead Behavioral Memory Test and Wechsler Memory Scale - Revised: Relationship to everyday memory impairment. *Assessment*, 3, 443-448.
- 2) **Koltai, D.**, & Branch, L. (1998). Consideration of intervention alternatives to optimize independent functioning in the elderly. *Journal of Clinical Geropsychology*, 4, 333-349.
- 3) **Koltai, D.**, & Branch, L. (1999). Cognitive and affective interventions to maximize abilities and adjustment in dementia. *Annals of Psychiatry: Basic and Clinical Neurosciences*, 7, 241-255.
- 4) Swinker M., **Koltai, D.**, Wilkins, J., & Stopford, W. (2001). Is there an Estuary Associated Syndrome in North Carolina? Findings in a series of hotline callers. *North Carolina Medical Journal*, 62, 126-132.
- 5) Hudnell, K., House, D., Schmid, J., **Koltai, D.**, Wilkins, J., Stopford, W., Savitz, D., Swinker, M., Music S. (2001). Human visual function in the North Carolina clinical study on Possible Estuary Associated Syndrome. *Journal of Toxicology and Environmental Health*, 62, 575-594.
- 6) Swinker M., **Koltai, D.**, Wilkins, J., Hudnell, K., Hall, C., Darcey, D., Robertson, K., Schmechel, D.E., Stopford, W., & Music, S. (2001). Estuary Associated Syndrome in North Carolina: An occupational prevalence study. *Environmental Health Perspectives*, 109, 21-26.
- 7) **Koltai, D.**, Welsh-Bohmer, K.A., & Schmechel, D.E. (2001). Influence of anosognosia on treatment outcome among dementia patients. *Neuropsychological Rehabilitation*, 11, 455-475.
- 8) Moe, C., Turf, E., Oldach, D., Bell, P., Hutton, S., Savitz, D., **Koltai, D.**, Turf, M., Ingrisawang, L., Hart, R., Ball, J.D., Stutts, M., McCarter, R., Wilson, L., Grattan, L., Morris, J.G., & Weber, D.J. (2001). Cohort studies of health effects among people exposed to estuarine waters: North Carolina, Virginia, and Maryland. *Environmental Health Perspectives*, 109, 781-786.

- 9) Schmechel, D.E., & **Koltai, D.** (2001). Potential human health effects associated with laboratory exposures to *Pfiesteria piscicida*. *Environmental Health Perspectives*, *109*, 775-559.
- 10) Swinker M., Tester. P., **Attix, D.K.**, & Schmechel., D.E. (2002). Human health effects of *Pfiesteria Piscicida*: A review. *Microbes and Infection*, *4*, 751-762.
- 11) Schmechel, D.E., Burkholder, J.M., **Attix, D.K.**, & Glasgow, H.B. (2003). Toxic *Pfiesteria*. *Microbiology*, *45*, 65-88.
- 12) **Attix, D.K.**, Donders, J., Johnson-Greene, D., Grote, C.L., Harris, J.G., & Bauer, R. (2007). Disclosure of Test Data, Official Position of Division 40 (Clinical Neuropsychology) of the American Psychological Association, Association of Postdoctoral Programs in Clinical Neuropsychology, and American Academy of Clinical Neuropsychology. *The Clinical Neuropsychologist*, *21*, 232-238.
- 13) Bass, D., **Attix, D.K.**, Phillips-Bute, B., & Monk, T. (2008). An Efficient Screening Tool for Preoperative Depression: The Geriatric Depression Scale-Short Form. *Anesthesia and Analgesia*, *106*, 805-809.
- 14) Story, T.J., Potter, G.G., **Attix, D.K.**, Welsh-Bohmer, K.A., & Steffens, D.C. (2008). Neurocognitive Correlates of Response to Treatment in Late-life Depression. *American Journal of Geriatric Psychiatry*. *American Journal of Geriatric Psychiatry*, *16*, 752-759.
- 15) Need, A.C., **Attix, D.K.**, McEvoy, J.M., Cirulli, E.T., Linney, K.N., Wagoner, A.P., Gumbs, C.E., Giegline, I., Moller, H-J., Francks, C., Muglia, P., Roses, A., Gibson, G., Weale, M.E., Rujescu, D., & Goldstein, D.B. (2008). Failure to replicate effect of Kibra on human memory in two large cohorts of European origin. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, *147B*, 667-668.
- 16) **Attix, D.K.**, Story, T.J., Chelune, G.J., Ball, J.D., Stutts, M.L., Hart, R.P., & Barth, J.T. (2008). The prediction of change: Normative neuropsychological trajectories. *The Clinical Neuropsychologist*, *Aug 11*, 1-18. PMID: 18720272
- 17) Cox, C., Docherty, S.L., Brandon, D.H., Whaley, C., **Attix, D.K.**, Clay, A., Dore, D., Hough, C., White, D., & Tulskey, J.A. (2009). Surviving critical illness: Acute respiratory distress syndrome as experienced by patients and their caregivers. *Critical Care Medicine*, *37*, 2702-2708. PMID: 19865004
- 18) Greene, N.H, **Attix, D.K.**, Weldon, B.C., Smith, P.J., McDonagh, D.L., & Monk, T. (2009). Measures of executive function and depression identify patients at risk for postoperative delirium. *Anesthesiology*, *110*: 788-795. PMID: 19326494
- 19) Smith, P.J., **Attix, D.K.**, Weldon, B.C., Greene, B.S., & Monk, T. (2009). Executive function and depression as independent risk factors for postoperative delirium. *Anesthesiology*, *110*, 781-787. PMID: 19326492
- 20) Need, A.C., **Attix, D.K.**, McEvoy, J., Cirulli, E.T., Linney, K.L., Hunt, P., Ge, D., Heinzen, E.L., Maia, J., Shianna, K., Weale, M.E., Cherkas, L.F., Clement, G., Spector, T., Gibson, G., Goldstein, D.B. (2009). A genome-wide study of common SNPs and CNVs in cognitive performance in the CANTAB. *Human Molecular Genetics*, *18*, 4650-4661. PMID: 19734545
- 21) Romero, H., Lageman, S., Kamath, V., Irani, F., Sim, A., Suarez, P., Manly, J., & **Attix, D.K.** (2009). Challenges in the Neuropsychological Assessment of Ethnic Minorities: Problem Solving Summit. Proceedings. *The Clinical Neuropsychologist*, *23*, 761-79. PMID: 19530035
- 22) **Attix, D.K.** & Potter, G.G. (2010). Increasing awareness of Clinical Neuropsychology in the general public. *The Clinical Neuropsychologist*, *24*, 391-400. PMID: 19343591
- 23) Cirulli, E.T., Kasperaviciute, D., **Attix, D.K.**, Need, A.C., Ge, D., Gibson, G., & Goldstein, D.B. (2010). Common genetic variation and performance on standardized

- cognitive tests. *European Journal of Human Genetics*, 18, 815-820. PMID: 20651266
- 24) Marquine, M.J., **Attix, D.K.**, Goldstein, L.B., Samsa, G.P., Payne, M.E., Chelune, G.J., & Steffens, D.C. (2010). Differential Patterns of Cognitive Decline in Anterior and Posterior White Matter Hyperintensity Progression. *Stroke*, 41, 1946-1950.
 - 25) Byrd, D., Razani, J., Suarez, P., Lafosse, J.M., Manly, J., & **Attix, D.K.** (2010). Diversity Summit 2008: Challenges in the Recruitment and Retention of Ethnic Minorities in Neuropsychology. *The Clinical Neuropsychologist*, 24, 1279-1291. PMID: 21108149
 - 26) Heilbronner, R., Sweet, J.J., **Attix, D.K.**, Krull, K.R., Henry, G., & Hart, R. (2010). Official position of the American Academy of Clinical Neuropsychology on serial neuropsychological assessments: the utility and challenges of repeat test administrations in clinical and forensic contexts. *The Clinical Neuropsychologist*, 24, 1267-1278. PMID: 21108148
 - 27) Cirulli, E.T., **Attix, D.K.**, Smith, P.J., Chiba-Falek, O., Pennuto, T., Linney, K., & Goldstein, D.B. (2011). [Contribution of pastimes and testing strategies to the performance of healthy volunteers on cognitive tests.](#) *The Clinical Neuropsychologist*, 25, 778-98. PMID: 21722049
 - 28) Cirulli, E.T., Urban, T., Marino, S., Linney, K. Birnbaum, A., Depondt, C., **Attix, D.K.**, Radtke, R., Goldstein, D.B. (2012). [Genetic and environmental correlates of topiramate-induced cognitive impairment.](#) *Epilepsia*, 53, e5-8. PMID: 22091778.
 - 29) Hayden, K.M., McEvoy, J.M., Linnertz, C., **Attix, D.K.**, Kuchibhatla, M., Saunders, A.M., Lutz, M.W., Welsh-Bohmer, K.A., Roses, A.D., Chiba-Falek, O. (2012). A homopolymer polymorphism in the TOMM40 gene contributes to cognitive performance in aging. *Alzheimer's and Dementia*, 8, 381-8. PMID: 22863908
 - 30) Smith, P.J., Need, A., Cirulli, E., Chiba-Falek, O., **Attix, D.K.** (2013). A comparison of the Cambridge Automated Neuropsychological Test Battery (CANTAB) with "traditional" neuropsychological testing instruments. *J Clin and Exp Neuropsychology*, 35, 310-28. PMID: 23444947.

Chapters in Books:

- 1) **Koltai, D.** & Chelune, G.J. (1996). Geriatric neuropsychology. In: D. Jahnigen & R. Schrier (Eds.), *Geriatric Medicine* (p. 41-62). Cambridge, MA: Blackwell Science, Inc.
- 2) **Koltai, D.** & Welsh-Bohmer, K.A. (2000). Geriatric neuropsychological assessment. In: R. Vanderploeg (Ed.), *Clinician's Guide to Neuropsychological Assessment*, 2nd Ed. (pp. 383-415). Mahwah, NJ: Lawrence Erlbaum Assoc., Inc.
- 3) **Attix, D.K.**, Mason, D., & Welsh-Bohmer, K.A. (2003). Neuropsychological consultation and training of family members of patients with dementia. In: G. Prigatano & N. Pliskin (Eds.) *The clinical utility and cost effectiveness of neuropsychological services*. (pp. 201-219). New York, New York: Psychology Press, Inc.
- 4) Welsh-Bohmer, K.A., **Attix, D.K.**, & Mason, D. (2003). The clinical utility of neuropsychological evaluation of patients with known or suspected dementia. In: G. Prigatano & N. Pliskin (Eds.) *The clinical utility and cost effectiveness of neuropsychological services*. (pp.171-200). NY, New York: Psychology Press, Inc.
- 5) Welsh-Bohmer, K., & **Attix, D.K.** (2004). Neuropsychological assessment of dementia. In: D. Steffens & D. Blazer (eds.) *The American Psychiatric Publishing Textbook of Geriatric Psychiatry*, 3rd Ed. (pp.189-203). Washington, DC: American Psychiatric Publishing, Inc.
- 6) Potter, G.G., **Attix, D.K.**, & Chen, C. (2005). Psychotherapeutic groups in dementia. In: D. Attix and K. Welsh-Bohmer (eds), *Geriatric Neuropsychology: Assessment and Intervention*. NY, NY: Guilford Press.

- 7) Potter, G.G. & **Attix, D.K.** (2005). Geriatric Neuropsychological Assessment Model. In: D. Attix and K. Welsh-Bohmer (eds), *Geriatric Neuropsychology: Assessment and Intervention*. NY, NY: Guilford Press.
- 8) **Attix, D.K.** (2005). Geriatric Neuropsychological Intervention Model. In: D. Attix and K. Welsh-Bohmer (eds), *Geriatric Neuropsychology: Assessment and Intervention*. NY, NY: Guilford Press.
- 9) Koss, E., & **Attix, D.K.** (2006). Neuropsychology. In: M.E. Agronin & G. Maletta (eds.), *Clinical Geriatric Psychiatry*. Baltimore, MD: Lippincott, Williams & Wilkins.
- 10) Welsh-Bohmer, K., & **Attix, D.K.** (2006). Neuropsychological assessment of dementia. In: D. Blazer, D. Steffens, & E. Busse (eds.) *Essentials of Geriatric Psychiatry*. (p.77-95). Washington, DC: American Psychiatric Publishing, Inc.
- 11) Welsh-Bohmer, K., & **Attix, D.K.** (2009). Neuropsychological assessment of dementia. In: D. Steffens & D. Blazer (eds.) *The American Psychiatric Publishing Textbook of Geriatric Psychiatry, 4th Ed.* (pp.213-228). Washington, DC: American Psychiatric Publishing, Inc.
- 12) Story, T. & **Attix, D.K.** (2009). Models of Developmental Neuropsychology: Adult and Geriatric. In: S. Hunter & J. Donders (eds.), (p.41-54). *Principles and Practice of Lifespan Developmental Neuropsychology*. Cambridge, Cambridge University Press.
- 13) Koss, E., & **Attix, D.K.**, Story, T.S. (2011). Neuropsychological Evaluation. In: M.E. Agronin & G. Maletta (eds.), (p. 119-137). *Clinical Geriatric Psychiatry, 2nd Ed.* Baltimore, MD: Lippincott, Williams & Wilkins.
- 14) Welsh-Bohmer, K., & **Attix, D.K.** (2012). Neuropsychological assessment of dementia. In: D. Blazer, D. Steffens, & E. Busse (eds.) *Essentials of Geriatric Psychiatry, 2nd Ed.* (p.75-89). Washington, DC: Amer. Psychiatric Publishing, Inc.
- 15) Ruppert, P. & **Attix, D.K.** (*in press*). Evaluation and treatment of geriatric neurocognitive disorders. In Laidlaw, K. & Pachana, N. A. (Eds.), *The Oxford handbook of clinical geropsychology*. New York, NY: Oxford University Press.

Books:

Attix, D.K. & Welsh-Bohmer (Eds.) (2005) *Geriatric Neuropsychology: Assessment and Intervention*. NY, NY: Guilford Press, 2005.

Corporate or Non-authored Publications:

Acknowledged in the Technical Manual for the Rivermead Behavioral Memory Test for contributions/assistance in preparations for the revised manual.

Sullivan, M. (2007). Career of the Month: An Interview with Clinical Neuropsychologist Deborah Attix. *The Science Teacher*.

Saver, J., Warach, S., Janis, S., Odenkirchen, J, Becker, K., Benavente, O., Borderick, J., Dromerick, A., Duncan, P., Elkind, M., Johnston, K., Kidwell, C., Meschia, j., Schwamm, L. for the Common Data Element Working Group (2012). Standardizing the structure of stroke clinical and epidemiologic research data: the NINDS Stroke Common Data Element (CDE) Project. *Stroke*, 2012, 43, 967-73.

Other, Selected abstracts:

- 1) **Koltai, D.K.**, & Bowler, R.M. (1992). Concurrent validity for the RBMT and WMS-R in neurotoxin exposure. *Clinical Neuropsychologist*, 6, 347.
- 2) **Koltai, D.K.**, Ding, X., Tkach, J.A., Ruggieri, P.M., Chelune, G.J., & O'Donovan, C.

- (1995). Functional MR imaging during delayed memory tasks: Preliminary observations. *Journal of the International Neuropsychological Society*, 1, 173.
- 3) **Koltai, D.**, Chelune G.J., & Craggs, J.G. (1996). A comparison of the dissociation of recall and recognition items on the Mattis DRS and Rey AVLT in an elderly sample. *Archives of Clinical Neuropsychology*, 11, 410-411.
 - 4) Ogrocki, P., Welsh-Bohmer, K.A., **Koltai, D.K.**, & Burke, J. R. (1997). Heterogeneity in the atypical variants of Alzheimer's disease: A case study of isolated bilateral sensorimotor impairment. *Archives of Clinical Neuropsychology*, 12, 377-378.
 - 5) **Koltai, D.K.**, Murray, M.G., Chelune, G.J. & Welsh-Bohmer, K.A. (1997). The Geriatric Executive Interview (EXIT): A measure of executive dysfunction or dementia? *Archives of Clinical Neuropsychology*, 12, 350-351.
 - 6) **Koltai, D.K.**, Branch, L., McIntyre, L., & Welsh-Bohmer, K.A. (1998). The effect of cognitive/affective interventions on adjustment in dementia patients: Preliminary results. *Journal of the International Neuropsychological Society*, 4, 67.
 - 7) **Koltai, D.K.**, Welsh-Bohmer, K.A., & Schmechel, D.E. (1999). Subjective appraisals of memory functioning in dementia: Validity and cautions. *Archives of Clinical Neuropsychology*, 14, 82.
 - 8) **Koltai, D.K.**, Welsh-Bohmer, K.A., & Schmechel, D.E. (1999). Influence of anosognosia on treatment outcome among dementia patients. *Journal of the International Neuropsychological Society*, 5, 151.
 - 9) Yuspeh, R.L., **Koltai, D.K.**, & Welsh-Bohmer, K.A. (1999). Learning over trials: Normative data for an index of verbal learning for the CERAD word list learning task. *Archives of Clinical Neuropsychology*, 14, 670.
 - 10) Kirrane, E., Loomis, D., **Koltai, D.K.**, Moe, C., & Savitz, D. (2002) A time series analysis of exposure to organic solvents generated during maintenance activities and self-reported symptoms of neuropsychological function among a cohort of commercial fishers in North Carolina. Presented at the 8th International Symposium on Neurobehavioral Methods and Effects in Occupational and Environmental Health, June 2002.
 - 11) Monk, T.G. & **Attix, D.K.** (2004). Elderly patients exhibit lower levels of preoperative depression than younger patients prior to major noncardiac surgery. Presented at the 2004 Annual meeting of American Society of Anesthesiologists.
 - 12) Chelune G.J., **Attix, D.K.**, & Story T.K. (2007). How reliable are reliable change methods across multiple time points? *Journal of the International Neuropsychological Society*, 13(S1), 107.
 - 13) Story, T., Potter, G.G., **Attix, D.K.**, Welsh-Bohmer, K.A., & Steffens, D.C. (2006). Neurocognitive Correlates of Depression Improvement and Remission in Late-Life Depression. *Journal of the International Neuropsychological Society*, 12, 61.
 - 14) **Attix, D.K.**, Need, A, & Goldstein, D.B. (2007). Criterion-related validity and consistency in phenotype definitions in genetic studies of neurocognition. *The Clinical Neuropsychologist*, 21, 383, 2007.
 - 15) Story, T.S., **Attix, D.K.**, Hart, R., Stutts, M, & Ball, J.D. (2007) Attrition and neuropsychological follow-up: Potential effects of situational anxiety. *The Clinical Neuropsychologist*, 21, 405, 2007.
 - 16) **Attix, D.K.**, Story, T.S., McDonagh, D. & Monk, T. (2007) Cognitive risk factors for post-operative cognitive decline. *Clinical Neuropsychologist*, 21, 382, 2007.
 - 17) Marquine, M., **Attix, D.K.**, Goldstein, L.B., Samsa, G., Payne, M., Chelune, G.J., Steffens, D. (2010). Differential Impact of Anterior and Posterior White Matter Lesion Progression on Vascular Cognitive Decline. *Stroke*, 41, e214.

- 18) Marquine, M. J., **Attix, D. K.**, Goldstein, L. B., Samsa, G., Payne, M., Chelune, G., & Steffens, D. (February 2011). Cognitive Decline in Normal Aging: The Impact of Anterior and Posterior WMH Progression. Poster presented at the International Neuropsychological Society annual meeting. Boston, MA.
- 19) Warren L. H., Marquine, M. J., O'Connor Pennuto, T., Sanchez, A., & **Attix, D.K.** (June, 2010). The RBANS Effort Index: Performance in a geriatric inpatient sample. Poster presented at the American Academy of Clinical Neuropsychology annual meeting. Chicago, IL.
- 20) Monk T.G., **Attix, D.K.** (October, 2004). Elderly Patients exhibit lower levels of preoperative depression than younger patients prior to major noncardiac surgery. American Society of Anesthesiologists abstract, A-41, Las Vegas, NV.
- 21) Monk T.G., **Attix, D.K.** (2004). Longitudinal assessment of neurocognitive function in elderly patients after major noncardiac surgery. American Society of Anesthesiologists abstract, A62, Las Vegas, NV.
- 22) Greene N.H., **Attix, D.K.**, Macy, S.L., Monk, T.G. (2008). Preoperative executive function and depression predict postoperative delirium. American Society of Anesthesiologists abstract, A-842, Best Abstracts of the Meeting, Orlando, FL.
- 23) Noel, T.L., **Attix, D.K.**, Story, T.J., Kandasamy, T., Monk, T.G. (2009). Preoperative depression is associated with postoperative cognitive decline in elderly patients. American Society of Anesthesiologists abstract, A-707, New Orleans, LA.
- 24) McDonagh, D.L., Schroeder, R.A., **Attix, D.K.**, Bolognesi, M.P., Monk, T.G. (2009). Computer assisted versus traditional knee arthroplasty: Effect on intraoperative embolic events. American Society of Anesthesiologists abstract, A-1120, New Orleans, LA.
- 25) Warren, L. H., **Attix, D. K.**, & Monk, T. G. (2011). Executive functioning as a predictor for post-operative delirium. Poster presented at the annual meeting of the American Academy of Clinical Neuropsychology, June 2011.
- 26) Hayden, K.M., McEvoy, J.M., Linnertz, C., **Attix, D.K.**, Kuchibhatla, M., Saunders, A.M., Lutz, M.W., Welsh-Bohmer, K.A., Roses, A.D., Chiba-Falek, O. (2011). A homopolymer polymorphism in the TOMM40 gene contributes to cognitive performance in aging. American Society of Human Genetics annual meeting.
- 27) Monk, T. G., McDonagh, D., Martin, G., Warren, L., **Attix, D.K.** (2012). Preoperative cognition, not the type of anesthesia, predicts postoperative delirium. Abstract 11-A-5128. American Society of Anesthesiologists abstract, Chicago, Illinois.
- 28) Ruppert, P.D., **Attix, D. K.**, & Monk. T. (2012). Longitudinal neuropsychological outcomes of postoperative delirium. American Academy of Clinical Neuropsychology, Seattle, WA.
- 29) Smith, P., **Attix, D.K.**, & Monk, T. (2012). Depressive Symptoms and Risk of Postoperative Delirium. Society of Behavioral Medicine, New Orleans, LA.
- 30) Bushnell, C., **Attix, D.K.**, Rost, N., Cloonan, L., Brown, C., Samsa, G., Colton, C., & Goldstein, L.B. (2013). Memory impairment in African-Americans after small vessel-type stroke associated with VCAM-1. ANA.

Professional Awards/Special Recognition:

2003 Early Career Award – Clinical Neuropsychology (Division 40),
American Psychological Association

Organizations and Participation:

Memberships:

American Academy of Neuropsychology (AACN)
 Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN)
 International Neuropsychological Society (INS)
 National Academy of Neuropsychology (NAN)
 American Psychological Association (APA) - Division 40, Clinical Neuropsychology

Committees:

2012-present	Board of Trustees, American Board of Professional Psychology, Trustee for American Board of Clinical Neuropsychology (ABCN) Subcommittees: Maintenance of Certification, Standards, Outside Affiliations
2007-present	ABCN Subspecialization committee
2011-2012	Chair, Division 40 Work Group on Divisional Organization
2009-2012	National Academy of Neuropsychology (NAN) Publications Committee
2007-2012	Board of Directors member, ABCN
2009- 2011	NAN Bulletin Editor
2008-2011	Member-at-Large, Division 40, APA
2005-2008	Board of Directors member, Association of Postdoctoral Programs in Clinical Neuropsychology (APPCN)
2005-2008	Chair, Committee on APA Relations
2005-2006	NAN Membership Committee
2000-2008	Public Interest Advisory Committee Member, Division 40
2000-2005	Chair, Public Interest Advisory Committee, Division 40
2000-2005	Liaison, Board for the Advancement of Psychology in the Public Interest, American Psychological Association
2000-2005	NAN Clinical Research Grants Committee
2001-2003	NAN Policy and Planning Committee
2000	Division 40 Strategic Planning Committee
1996-1999	NAN Ethics Subcommittee regarding Harassment
1997-1998	North Carolina Medical Evaluation Panel for Pfiesteria
1997	INS Program Committee - National Meeting
1997	INS Program Committee - International Meeting

Special Projects:

2008 Co-Organizer: *Challenges in the Neuropsychological Assessment of Ethnic Minorities: Problem Solving Summit*. (Known as the *Diversity Summit 2008*). We convened leaders in Clinical Neuropsychology to address issues related to diversity in the areas of neuropsychological training and education, practice, and science.

Teaching responsibilities including continuing education:

Clinical teaching:

- Provide primary training, supervision, and mentoring to Clinical Neuropsychology residents through their two year postdoctoral fellowships with the Clinical Neuropsychology Service
- Train, supervise, and mentor Clinical Psychology Interns
- Train, supervise, and mentor Psychology Graduate Practica students
- Mentor Duke Undergraduate studies in Independent Study courses

Didactics:

- Coordinator: Behavioral Neurology Case Conference, Duke University Medical Center. Monthly presentation of diagnostically complex cases and current topics in dementia research by Duke Neurology faculty. .
- Lecturer: Neuropsychology Intern Seminar, Duke University Medical Center. Series designed for Neuropsychology Interns as central component of didactic training.
- Speaker: Duke Neurology/Geriatric Grand Rounds; Outside geriatric care systems (e.g., Forest at Duke) and groups (e.g., AARP; support groups)

Areas of Research Interests:

- 1) The utility of clinical neuropsychological interventions on the memory, function, and adjustment of patients with mild cognitive impairment and dementia. These interventions include the provision of modified cognitive (mnemonic; organizational) strategies, and application of modified psychotherapeutic approaches (behavioral; grief models).
- 2) Investigation of risk factors for the development of post-operative cognitive decline and post-operative delirium.
- 3) Sports neuropsychology. Baseline and longitudinal tracking of Duke Athletes, creation of normative standards by which to estimate longitudinal deviation in cases of injury.
- 4) Neuropsychological instrumentation: baseline and longitudinal normative data trajectories.

External Support:

Past:

Bugher: Bugher Foundation Center for Stroke Prevention Research
 Principal Investigator: Larry Goldstein, M.D.
 Period of Support: 7/07-6/12: Percent Effort: 30%; 7/12-6/13:10%
 Role: Co-Investigator
 Goal: Explore the relationship between gene variants, stroke risk and vascular cognitive impairment

Alzheimer's Association: Does Inhalational Anesthesia Accelerate Postoperative Cognitive Decline?

Principal Investigator: Terri Monk, M.D./Deborah Attix, Ph.D

Period of Support:	10/08-9/11: Percent Effort: 10%
Role:	Co-Principal Investigator
Goal:	Investigate the differential effects of two different methods of anesthesia on POCD (COAT trial)
Institutional:	Post-surgical cognitive outcomes
Principal Investigator:	Terri Monk, M.D.
Period of Support:	2004-2009: Summed contracts
Role:	Co-Investigator
Goal:	Establish effects of anesthesiology protocol on cognition
Eastern NC AlzAssoc:	Demonstration of Intervention in AD
Principal Investigator:	Deborah Attix, Ph.D.
Period of Support:	10/08-9/09: Percent Effort: 20%
Role:	Principal Investigator
Goal:	Demonstrate Utility and Process of Interventions in early AD
Harcourt	WAIS-IV/WMS-IV Standardization Study
Principal Investigator:	Harcourt
Period of Support:	2007-2008: Summed contracts
Role:	Site PI
NIH	Molecular Basis of Postoperative Delirium
Principal Investigator:	Madan Kwatra, Ph.D.
Period of Support:	12/02-8/07
Percent Effort:	5%-8%
Role:	Co-Investigator
Goal:	Identification of Molecular Basis of Delirium
CDC	Investigation of Estuary Associated Syndrome
Principal Investigator:	Christine Moe, Ph.D.
Period of Support:	3/98-9/03
Percent Effort:	25%
Role:	Co-Investigator: Duke subcontract PI
Goal:	Delineation of cognitive effects of Pfiesteria Piscicida exposure
NIH	Multi-Institutional Research in Alzheimer Genetic Epidemiology
Principal Investigator:	Lindsey Farrer, Ph.D.
Period of Support:	9/02-10/03
Percent Effort:	10%
Role:	Co-Investigator: Duke subcontract PI
Goal:	Sib-pair AD analysis using MRI methods
NIA (AG-05128)	Alzheimer's Disease Research Center
Principal Investigator:	Donald Schmechel, M.D.
Period of Support:	05/00-5/03
Percent Effort:	35%-Clinical Core; 5%-Education Core
Role:	Clinical Neuropsychologist
Goal:	Provide clinical and educational support to the ADRC

NIEHS	Neuropsychological Sequelae of Pfiesteria Exposure
Principal Investigator:	Lynn Grattan, Ph.D.
Period of Support:	1/99-7/03
Percent Effort:	20%
Role:	Co-Investigator: Duke subcontract PI
Goal:	Delineation of cognitive effects of Pfiesteria Piscicida exposure
NIEHS	CNS Effects of Exposure to Pfiesteria Piscicida
Principal Investigator:	Donald E. Schmechel, Ph.D.
Period of Support:	11/99-10/00
Percent Effort:	0%
Role:	Co-Investigator
Goal:	Case studies of the cognitive effects of exposure to Pfiesteria
NIA (AG-05128)	The Effect of Cognitive/Affective Interventions in Dementia
Principal Investigator:	Allen Roses, M.D. -- Alzheimer's Disease Research Center
Period of Support:	05/96-4/97
Percent Effort:	20%
Role:	Principal Investigator: Interventions in Dementia
Goal:	Pilot data on Neuropsychological Interventions Outcomes

Clinical and Programmatic Activity:

Dr. Attix established and is Medical Director of the Duke Clinical Neuropsychology Service (CNS), a joint Neurology and Psychiatry (Medical Psychology) clinical service (2003). Clinical services include comprehensive neuropsychological evaluation of adults with known or suspected central nervous system injury or illness and neuropsychological intervention involving modified cognitive training and/or psychotherapy to maximize abilities and adjustment among dementia patients.

- *Clinical Evaluation and Treatment.* Neuropsychological assessment and intervention services are integrated and consistent across four faculty providers within the CNS, two of whom are board certified in Clinical Neuropsychology (ABPP/ABCN). The CNS employs 5 data technicians to support assessments. Providers and support staff meet routinely to ensure compliance with service standards, and to facilitate timely dissemination of service related information and policies.
- *Training program.* The CNS faculty providers teach and mentor predoctoral interns, postdoctoral residents in Clinical Neuropsychology, as well as Duke Psychology graduate practica students and research assistants.
- *Sport Neuropsychology.* The CNS developed the Athlete Cognitive Tracking (ACT) program with Duke Athletic Medicine, to monitor and inform return to play decisions in high impact sports.
- *Fiscal soundness.* The CNS has operated debt free since inception.
- *Clinical Trials.* The CNS provides the technical neuropsychological support to the Neuroscience Clinical Research Organization that administers clinical trials.

- *Clinical Research.* Dr. Attix participates in a number of collaborative efforts (e.g., studies of post-operative cognitive decline and delirium, vascular cognitive outcomes, the genetics of normal memory and cognition).
- *Database Development.* A comprehensive clinical database allowing for data access to facilitate both clinical care and clinical research now exists.