

Shawn Kevin Acheson, PhD
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EDUCATION:

Southern Illinois University, Carbondale, IL. Ph.D., Clinical Psychology, August 1997.
(APA Accredited)

Western Carolina University, Cullowhee, NC. M.A., Clinical Psychology, August 1992.

North Carolina State University, Raleigh, NC. B.A., Psychology, June 1988.

CLINICAL and RESEARCH TRAINING:

- Pre-Doctoral Internship (APA accredited): Division of Medical Psychology, Department of Psychiatry, Duke University Medical Center, Durham, NC. July 1995 - June 1996.
 - Primary rotation: Clinical Neuropsychology
 - Secondary rotation: Health Psychology
- Post-doctoral Fellowship (July 1996 – August 1998), joint appointments:
 - Clinical Neuropsychology, Duke University Medical Center
 - Clinical Consultation and Behavioral Neuroscience, Durham VA Medical Center

CURRENT PROFESSIONAL ACTIVITY:

Clinical and Forensic Neuropsychologist. Clinical Neuroscience Services of WNC (Founder and Director), Asheville, NC. January 2007 – Present. Responsibilities:

- Pre-employment law enforcement evaluations
- Civil capacity and fitness for duty evaluations
- Worker's compensation evaluations
- Forensic neuropsychological evaluations in civil, criminal, and administrative courts
- Litigation support and consultation
- Expert testimony (science only) on matters concerning toxic exposures and adverse effects of drugs of abuse (e.g., alcohol, cannabinoids, methamphetamine, etc.)
- Clinical conditions evaluated include: TBI (adult and pediatric), stroke (adult and pediatric), age related cognitive decline, dementia, psychiatric disorder, PTSD, substance abuse and other medical conditions.

PRIOR PROFESSIONAL EXPERIENCE:

Assistant Professor (Adjunct). Department of Psychiatry and Behavioral Sciences (Division of Translational Neuroscience), Duke University Medical Center, Durham, NC. (Senior Research Associate, July 2007 – June 2009; Assistant Professor, July 2009 – September 2020; Assistant (Adjunct) Professor, October 2020 – June 2022). Responsibilities:

- Pre-clinical research on TBI & neurodevelopmental effects of substance abuse
- Clinical research involving TBI outcomes and psychosocial variables
- Clinical research concerning alcohol and health related behaviors among college students.

Clinical Associate Professor (Adjunct) and Consulting Neuropsychologist. Asheville TEACCH Center, Department of Psychiatry, UNC School of Medicine, Chapel Hill, NC. November 2018 – November 2021. Responsibilities: Clinical consultation and evaluation of dementia in adults with intellectual and developmental disabilities.

Lead Psychologist. Center for Psychiatry and Law, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC. July 2015 – September 2017. Responsibilities: Forensic neuropsychological evaluations in civil, criminal, and administrative law settings relating to TBI, stroke, age related cognitive decline, dementia, psychiatric disorder, PTSD, professional fitness for duty, substance abuse and other medical conditions.

Staff Neuropsychologist. Compensation & Pension and Neuropsychology Clinics (Mental Health Service Line), and Mental Illness Research, Education, and Clinical Center (MIRECC), Durham VA Medical Center, Durham, NC. October 2016 – June 2017. Responsibilities: VA disability evaluations for cognitive residuals of TBI, PTSD and related mental disorders; clinical neurocognitive evaluations of TBI, stroke, age related cognitive decline, dementia, psychiatric disorder, substance abuse and other medical conditions; Clinical TBI Research.

Research Physiologist. Division of Medical Research, Durham VA Medical Center, Durham, NC. October 2011 – September 2016. Responsibilities: Grant funded research position for the study of novel drug treatments for TBI.

Health Science Specialist. VISN6 MIRECC, Durham Veteran's Administration Medical Center, Durham, NC. January 2008 – July 2009. Responsibilities: Assisted with implementation of research in veteran smoking cessation programs.

Faculty Member. Department of Psychology, Western Carolina University, Cullowhee, NC. August 1998 – May 2008. Responsibilities: Teaching undergraduate and graduate courses in neuropsychology and related fields; clinical and research supervision.

- Assistant Professor (1998 – 2004).
- Associate Professor (tenured, 2004 – 2008).
- Director of Clinical Training (2001 – 2006).
- WCU Faculty Fellow for Research Methods and Statistics (2005 – 2007).

Clinical Neuropsychologist. Skyland Behavioral Health Associates, Asheville, NC. June 2000 – July 2007. Responsibilities: clinical neuropsychological evaluations of TBI, stroke, age related cognitive decline, dementia, psychiatric disorder, substance abuse and other medical conditions; consultation with house staff at area nursing homes and assisted living facilities.

Data Director. Smoky Mountain Center (Systems of Care Regional Evaluation Project), Sylva, NC. July 2002 – September 2005. Responsibilities: Management/Supervision of data management and data entry technicians; statistical reporting of local data collected.

Assistant Professor (adjunct). Department of Psychology, North Carolina Central University, Durham, NC. August 1997 – August 1998. Responsibilities: Teaching graduate courses

in advanced abnormal psychology, intellectual assessment; supervision of graduate student research.

Research Technician III. Department of Neurology. University of North Carolina School of Medicine, Chapel Hill, NC. May 1989 - August 1990.

Associate Scientist. Northrop Environmental Sciences (U.S. Environmental Protection Agency – Neurotoxicology Division), Research Triangle Park, NC. April 1987 - May 1989.

PUBLICATIONS:

Peer-Reviewed:

1. Sperling, S. A., Acheson, S. K., Fox-Fuller, J., Colvin, M. K., Harder, L., Cullum, C. M., ... & Gillaspay, S. R. (2023). Tele-Neuropsychology: From Science to Policy to Practice. *Archives of clinical neuropsychology*, acad066.
2. Swartzwelder, R.A., Burns, B.J., Maultsby, L., Zhao, M., Looney, J.G., and Acheson, S.K. (2022). Risk and protective factors for heavy episodic drinking among college students: Influence of mental health service use. *Journal of American College Health*, DOI: [10.1080/07448481.2022.2115298](https://doi.org/10.1080/07448481.2022.2115298)
3. Colvin, M.K., Roebuck-Spencer, T.N., Sperling, S.A., Acheson, S.K., Bailie, J.M., Espe-Pfeifer, P., Glen, T., Bragg, T., Bott, N., Hilsabeck, R.C. (2022). Linking Patient-Centered Outcomes to Neuropsychological Practice: A Conceptual Framework and Opportunities for Research. *Archives of Clinical Neuropsychology*, 37 (6), 1091-1102.
4. Healey, K.L., Kibble, S., Hodges, S., Reissner, K.J., Testen, A., Wills, T.A., Acheson, S.K., Siemsen, B.M., McFaddin, J.A., Scofield, M.D., Swartzwelder, H.S. (2020). Enduring alterations in hippocampal astrocyte-synaptic proximity following adolescent alcohol exposure: reversal by gabapentin. *Neural Regeneration Research*, 15, 1496-1501.
5. Straka, B. C., Gaither, S. E., Acheson, S. K., & Swartzwelder, H. S. (2019). "Mixed" Drinking Motivations: A Comparison of Majority, Multiracial, and Minority College Students. *Social Psychological and Personality Science*, 1948550619883294.
6. Schepis, T. S., Acheson, S., Zapp, D., & Swartzwelder, H. S. (2019). Alcohol use and consequences in matriculating US college students by prescription stimulant/opioid nonmedical misuse status. *Addictive behaviors*, 98, 106026.
7. Miller, K.M., Risher, M.L., Acheson, S.K., Darlow, M., Sexton, H.G., Schramm-Sapyta, N., & Swartzwelder, H.S. (2017). Behavioral inefficiency on a risky decision-making task in adulthood after adolescent intermittent ethanol exposure in rats. *Scientific Reports*, 7, 4680.
8. Sharma, R., Rosenberg, A., Bennett, E.R., Laskowitz, D.T., & Acheson, S.K. (2017). A blood-based biomarker panel to risk-stratify mild traumatic brain injury. *PLoS One*, 12(3).
9. Lei, B., James, M.L., Liu, J., Zhou, G., Venkatraman, T.N., Lascola, C.D., Acheson, S.K., Dubois, L.G., Laskowitz, D.T., & Wang, H. (2016). Neuroprotective pentapeptide CN-105

improves functional and histological outcomes in a murine model of intracerebral hemorrhage. *Scientific Reports*, 6, 34834.

10. Klein, R.C., Acheson, S.K., Qadri, L.H., Dawson, A.A., Rodriguez, R.M., Wetsel, W.C., Moore, S.D., Laskowitz, D.T., & Dawson, H.N. (2016). Opposing effects of traumatic brain injury on excitatory synaptic function in the lateral amygdala in the absence and presence of preinjury stress. *Journal of Neuroscience Research*, 94(6), 579-89.
11. Swartzwelder, H.S., Acheson, S.K., Miller, K.M., Sexton, H.G., Liu, W., Crews, F.T., & Risher, M.L. (2015). Adolescent intermittent alcohol exposure: Deficits in object recognition memory and forebrain cholinergic markers. *PLoS One*, 10(11).
12. Risher, M.L., Fleming, R.L., Risher, W.C., Miller, K.M., Klein, R.C., Wills, T., Acheson, S.K., Moore, S.D., Wilson, W.A., Eroglu, C., & Swartzwelder, H.S. (2015). Adolescent intermittent alcohol exposure: persistence of structural and functional hippocampal abnormalities into adulthood. *Alcoholism: Clin. Exp. Res.*, 39, 989-97.
13. Centanni, S.W., Teppen, T., Risher, M.L., Fleming, R.L., Moss, J.L., Acheson, S.K., Mulholland, P.J., Pandey, S.C., Chandler, L.J., & Swartzwelder, H.S. (2014). Adolescent alcohol exposure alters GABA_A receptor subunit expression in adult hippocampus. *Alcoholism: Clin. Exp. Res.*, 38, 2800-8.
14. Swartzwelder, H.S., Hogan, A., Risher, M.L., Swartzwelder, R.A., Wilson, W.A., & Acheson, S.K. (2014). Effect of Sub-Chronic Intermittent Ethanol Exposure on Spatial Learning and Ethanol Sensitivity in Adolescent and Adult Rats. *Alcohol*, 48(4), 353-360.
15. Klein, R.C., Saini, S., Risher, M.L., Acheson, S.K., Fleming, R.L., Sexton, H.G., Swartzwelder, H.S., & Moore, S.D. (2014). Regional-Specific Effects of Ovarian Hormone Loss on Synaptic Plasticity in Adult Human APOE Targeted Replacement Mice. *PLoS One*, 9(4), e94071.
16. Klein, R.C., Acheson, S.K., Mace, B.E., Sullivan, P.M., & Moore, S.D. (2014). Altered Neurotransmission in the Lateral Amygdala in Aged Human apoE4 Targeted Replacement Mice. *Neurobiology of Aging*, 35(9), 2046-2052.
17. Acheson, S.K., Bearison, C., Risher, M.L., Abdelwahab, S.H., Wilson, W.A., and Swartzwelder, H.S. (2013). Effects of acute or chronic ethanol exposure during adolescence on behavioral inhibition and efficiency in a modified water maze task. *PLOS ONE*, 8(10), e77768.
18. Li, Q., Fleming, R.L., Risher, L., Acheson, S.K., Wilson, W.A., Moore, S.D., Madison, R., & Swartzwelder, H.S. (2013). Long-term modulation of A-type K⁺ conductances in hippocampal CA1 interneurons in rats after chronic intermittent ethanol exposure during adolescence or adulthood. *Alcoholism: Clinical and Experimental Research*, 37(12), 2074-2085. DOI: 10.1111/acer.12204
19. Risher, M.-L., Fleming, R.L., Boutrous, N., Semenova, S., Wilson, W.A., Levin, E.D., Markou, A., Swartzwelder, H.S., and Acheson, S.K. (2013). Long-Term Effects of Chronic Intermittent Ethanol Exposure in Adolescent and Adult Rats: Radial-Arm Maze Performance and Operant Food Reinforced Responding. *PLOS ONE*, 8(5), e62940.

20. Wang, H., Anderson, L.G., Lascola, C.D., James, M.L., Venkatraman, T.N., Bennett, E.R., Acheson, S.K., Vitek, M.P., and Laskowitz, D.T. (2013). Apolipoprotein Mimetic Peptides Improve Outcome after Focal Ischemia. *Experimental Neurology*, 241, 67-74.
21. Fleming, R.L., Li, Q., Risher, M.L., Sexton, H.G., Moore, S.D., Wilson, W.A., Acheson, S.K., Swartzwelder, H.S. (2013). Binge-Pattern Ethanol Exposure during Adolescence, but not adulthood, causes persistent changes in GABA_A Receptor-Mediated Tonic Inhibition in Dentate Granule Cells. *Alcoholism: Clinical and Experimental Research*, 37(7), 1154-60.
22. Swartzwelder, N.A., Risher, M.L., Abdelwahab, S.H., D'Abo, A., Rezvani, A.H., Levin, E.D., Wilson, W.A., Swartzwelder, H.S., and Acheson, S.K. (2012). Effects of Ethanol, Δ^9 -Tetrahydrocannabinol, or their Combination on Object Recognition Memory and Object Preference in Adolescent and Adult Male Rats. *Neuroscience Letters*, 527, 11-15.
23. Gierisch, J.M., Straits-Troster, K., Calhoun, P.S., Acheson, S.K., Hamlett-Berry, K., and Beckham, J.C. (2012). Tobacco Use Among Iraq- and Afghanistan-Era Veterans: A Qualitative Study of Barriers, Facilitators, and Treatment Preferences. *Preventing Chronic Disease: Public Health Research, Practice and Policy*, 9, 110131.
24. Fleming, R.L., Acheson, S.K., Moore, S.D., Wilson, W.A., & Swartzwelder, H.S. (2012). In the Rat, Chronic Intermittent Ethanol Exposure During Adolescence Alters the Ethanol Sensitivity of Tonic Inhibition in Adulthood. *Alcoholism: Clinical and Experimental Research*, 36, 279-285.
25. Fleming, R., Acheson, S.K., Moore, S.D., Wilson, W.A., & Swartzwelder, H.S. (2011). GABA Transport Modulates the Ethanol Sensitivity of Tonic Inhibition in the Rat Dentate Gyrus. *Alcohol*, 35, 577-583.
26. Acheson, S.K., Straits-Troster, K., Calhoun, P.S., Beckham, J.C., & Hamlett-Berry, K (2011). Characteristics and Correlates of Cigarette Use among recent U.S. Veterans. *Military Psychology*, 23, 297-314.
27. Acheson, S.K., Moore, N.L.T., Kuhn, C.M., Wilson, W.A., & Swartzwelder, H.S. (2011). The Synthetic Cannabinoid WIN 55212-2 Differentially Modulates Thigmotaxis but not Spatial Learning in Adolescent and Adult Animals. *Neuroscience Letters*, 487, 411-414.
28. Zabrowski, D.E., Dedert, E.A., Straits-Troster, K., Lee, S., Wilson, S.M., Calhoun, P.S., Moore, S.D., Acheson, S.K., Hamlett-Berry, K.W., & Beckham, J.C. (2011). Public Health Clinical Demonstration Project for Smoking Cessation in American Veterans Who Served Since September 11, 2001. *Journal of Addiction Medicine*, 5, 79-83.
29. Moore, N.L.T., Greenleaf, A.L.R., Acheson, S.K., Wilson, W.A., Swartzwelder, H.S., & Kuhn, C.M. (2010). Role of CB1 Desensitization in Greater Tetrahydrocannabinol Impairment of Memory in Adolescent Rats. *Journal of Pharmacology and Experimental Therapeutics*, 335, 294-301.
30. Ulrich, H. M., Randolph, M., & Acheson, S. K. (2006). Child Sexual Abuse: A Reexamination of the Meta-Analytic Examination of Child Sexual Abuse by Rind, Tromovitch, and Bauserman (1998). *Scientific Review of Mental Health Practice*, 4 (Fall/Winter2005-06), 1-15.
31. White, A. M., Jordan, J. D., Schroeder, K. M., Acheson, S. K., Georgi, B. D., Sauls, G., Ellington, R. R., & Swartzwelder, H. S. (2004). Predictors of relapse during treatment and

treatment completion among marijuana-dependent adolescents in an intensive outpatient substance abuse program. *Substance Abuse*, 25, 53-59.

32. Acheson, S. K., Ross, E. L., & Swartzwelder, H. S. (2001). Age-independent and dose response effects of ethanol on spatial learning and memory in adolescent and adult rats. *Alcohol*, 23, 167-175.
33. Abou-Donia, M. B., Abdel-Rahman, A. A., Kishk, A. M., Walker, D., Markwiese, B. J., Acheson, S. K., Reagan, K. E., Swartzwelder, H. S., & Jensen, K. F. (2000). Neurotoxicity of ethyl methacrylate in rats. *Journal of Toxicology and Environmental Health*, 59, 97-118.
34. Acheson, S. K., Richardson, R., & Swartzwelder, H. S. (1999). Developmental changes in seizure susceptibility during ethanol withdrawal. *Alcohol*, 18, 23-26.
35. Acheson, S. K., Stein, R. M., & Swartzwelder, H. S. (1998). Impairment of semantic and figural memory by acute ethanol: Age-dependent effects. *Alcoholism: Clinical and Experimental Research*, 22, 1437-1442.
36. Markwiese, B. J., Acheson, S. K., Levin, E. D., Wilson, W. A., & Swartzwelder, H. S. (1998). Differential effects of ethanol on memory in adolescent and adult rats. *Alcoholism: Clinical and Experimental Research*, 22, 416-421.
37. Molfese, V. J., & Acheson, S. K. (1997). Infant and preschool mental and verbal abilities: How are infant scores related to preschool scores? *International Journal of Behavioral Development*, 20, 595-607.
38. Wheeler, M. S., & Acheson, S. K. (1993). Criterion-related validity of the life-style personality inventory. *Individual Psychology: The Journal of Adlerian Theory, Research and Practice*, 49, 51-57.
39. Gilbert, M. E., Acheson, S. K., Mack, C. M., & Crofton, K. M. (1990). An examination of the proconvulsant actions of pyrethroid insecticides using pentylenetetrazol and amygdala kindling seizure models. *Neurotoxicology*, 11, 73-86.

Book Chapters / Contributions:

1. Marx, C.E., Naylor, J.C., Kilts, J.D., Dunn, C.E., Tupler, L.A., Szabo, S.T., Capehart, B.P., Morey, R.A., Shampine, L.J., Acheson, S.K. & VA Mid-Atlantic MIRECC Workgroup. (2016). Neurosteroids and traumatic brain injury: Translating biomarkers to therapeutics; Overview and Pilot Investigations in Iraq and Afghanistan Era Veterans. In *Translational Research in Traumatic Brain Injury: Frontiers in Neuroscience*, Laskowitz and Grant, Editors. CRC Press.
2. Molfese, V.J. & Acheson, S.K. (1997). When worlds collide: Assessment meets intervention [preface]. In S. M. Clancy-Dollinger and L. F. DiLalla (Eds.), *Assessment and intervention issues across the life span* (pp. 1-8). Hillsdale, NJ: Erlbaum.

Book and Test Reviews:

1. Acheson, S.K. (2020). [Review of the NIH ToolBox: Cognition Domain]. In J. F. Carlson, K. F. Geisinger, & J. L. Johnson (Eds.), *Twenty-First Mental Measurements Yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.

2. Acheson, S.K. (2020). [Review of the ConcussTrack PostConcussion Executive Inventory]. In J. F. Carlson, K. F. Geisinger, & J. L. Johnson (Eds.), *Twenty-First Mental Measurements Yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
3. Acheson, S.K. (2015). [Review of the Minnesota Multiphasic Personality Inventory, 2nd Edition, Restructured Form (MMPI2-RF)]. In J. F. Carlson, K. F. Geisinger, & J. L. Johnson (Eds.), *Twentieth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
4. Acheson, S.K. (2015). [Review of the Cognitive Assessment System, 2nd Edition]. In J. F. Carlson, K. F. Geisinger, & J. L. Johnson (Eds.), *Twentieth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
5. Acheson, S.K. (2010). [Review of the Western Aphasia Battery - Revised]. In R. A. Spies, J. F. Carlson, & K. F. Geisinger (Eds.), *Eighteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
6. Acheson, S.K. (2010). [Review of the Behavioral and Psychological Assessment of Dementia]. In R. A. Spies, J. F. Carlson, & K. F. Geisinger (Eds.), *Eighteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
7. Acheson, S.K. (2007). [Review of the Boston Diagnostic Aphasia Exam]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Seventeenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
8. Acheson, S.K. (2007). [Review of the Verb and Sentence Test]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Seventeenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
9. Kane, H.D. & Acheson, S.K. (2005). [Review of the Kaplan Baycrest Neurocognitive Assessment]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Sixteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
10. Acheson, S.K. & Payne, J. (2005). [Review of the Psychopathy Checklist – Revised (2nd edition)]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Sixteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
11. Acheson, S.K. (2005). [Review of the Alzheimer’s Quick Test]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Sixteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
12. Crutchfield, A.C. & Acheson, S.K. (2004). Searching for madness within the complexity of Schizophrenia: A review of *In Search of Madness: Schizophrenia and Neuroscience*, Walter Heinrichs (2001). *Journal of the International Neuropsychological Society*, 10, 144-146.
13. Acheson, S.K. (2004). [Review of Filling-In: From Perceptual Completion to Cortical Reorganization. Edited by Luiz Pessoa and Peter De Weerd]. *Lancet – Neurology*, 3, 130.
14. Kane, H.D., & Acheson, S.K. (2003). [Review of the Frontal Systems Behavior Scale]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Fifteenth mental measurements yearbook* (pp. 397-399). Lincoln, NE: Buros Institute of Mental Measurements.

CONFERENCE PRESENTATIONS (Papers, Posters & Symposia):

1. Saini, S., Risher, M.L., Sexton, H.G., Moore, S.D., and Klein, R.C. (2013). Gonadal steroids modulate synaptic plasticity in apoE targeted replacement mice. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
2. Fleming, R.L., Li, Q., Risher, M.L., Acheson, S.K., Wilson, W.A., Swartzwelder, H.S. (2012). In the rat, chronic intermittent ethanol exposure during adolescence, but not later, alters tonic inhibition in the adult dentate gyrus. Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.
3. Klein, R.C., Acheson, S.K., Mace, B., Sullivan, P., Moore, S.D. (2012). Altered excitation-inhibition balance in amygdala neurons from aged apoE4 TR mice. Poster presented at the annual meeting of the Society for Neuroscience, New Orleans, LA.
4. Fleming, R.L., Risher, M.L., Acheson, S.K., Li Q., Wilson, W.A., Swartzwelder, H.S. (2012). Long-Lasting Effects Of Chronic Alcohol Exposure During Adolescence or Adulthood On Hippocampal Neuronal Function. Symposium presented at the summer meeting of the Research Society on Alcoholism, San Francisco, CA.
5. Fleming, R.L., Acheson, S.K., Risher, M.L., Li, Q., Wilson, W.A., Moore, S.D., Swartzwelder, H.S. (2012). In The Rat, Chronic Intermittent Ethanol Exposure During Adolescence, but not Later, Alters The Ethanol Sensitivity Of Tonic Inhibition In Adulthood. Poster session presented at the summer meeting of the Research Society on Alcoholism, San Francisco, CA.
6. Acheson, S.K., Kilts, J.D, Rogers, J.T., Parke, G.S., Shampine, L.J., and Marx, C.E. (2011). The neurosteroid pregnenolone prevents predator stress-induced decreases in open arm time in the elevated plus maze model for anxiety-like behaviors: potential relevance to novel secondary prevention strategies in PTSD? Poster presented at the annual American College of Neuropsychopharmacology meeting, Waikoloa, HI.
7. Straits-Troster, K., Acheson, S.K., Beckham, J., Calhoun, P., Gierisch, J.M., and Hamlett-Berry, K. (2010). Tobacco use and cessation among returning combat veterans: A mixed methods study. Poster session presented at the annual meeting of the Society for Behavioral Medicine, Seattle, WA.
8. Acheson, S.K., Dotson, B., & Miller, C.A. (2006). Predicting college binge drinking: Relative contributions of past and present. Poster session presented at the summer meeting of the Research Society on Alcoholism, Baltimore, MD.
9. Miller, C.A., & Acheson, S.K. (2006). Gender related differences on the relationship of personality and binge drinking. Poster session presented at the summer meeting of the Research Society on Alcoholism, Baltimore, MD.
10. Shelton, A.S., Acheson, S.K., & Nixon, S.J. (2005). Binge drinking, blackouts, family history, and decision-making: Analyses to describe drinking behavior among college students. Poster session presented at the summer meeting of the Research Society on Alcoholism, Santa Barbara, CA.

11. *Shelton, A.S. & Acheson, S.K. (2005). The Neurocognitive Effects of Alcohol-Related Blackouts. Poster session presented at the winter meeting of the International Neuropsychological Society, St. Louis, MO.*
12. *Acheson, S.K., Pickup, D. R. & Roth, N. (2005). WAIS-III Object Assembly: Adequacy of replacement procedures using standardization data. Poster session presented at the annual meeting of the Southeastern Psychological Association, Nashville, TN.*
13. *Ulrich, H., Randolph, M., & Acheson, S.K. (2005). A partial reexamination of the meta-analytic examination of child sexual abuse by Rind, Tromovitch, and Bauserman (1998): Gender differences and self-reported effects and reactions. Poster session presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Washington, DC.*
14. *Wegner, M.A., Acheson, S.K., Fernandez, M.E., Alexander, M., & Sharpe, G.E. (2004). Clinical characteristics of adolescents with serious emotional disturbance who continued substance abuse after one year participation in systems of care. Poster session presented at the 17th Annual Systems of Care Research Conference, Tampa, Fla.*
15. *Ulrich, H., Louis, L., & Acheson, S.K. (2004). Behavioral and emotional correlates of binge drinking and alcohol blackouts. Poster session presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.*
16. *Shelton, A.S., Payne, J.W., McCord, D.M., & Acheson, S.K. (2004). Personality correlates of binge drinking in college students. Poster session presented at the meeting of the Southeastern Psychological Association, Atlanta, GA.*
17. *Pickup, D.R. & Acheson, S.K. (2003). Reliability of the WAIS-III Performance IQ with Object Assembly substitution. Poster session presented at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.*
18. *Minor, S., Kane, H.D., & Acheson, S.K. (2003). Attitudes toward children with serious emotional disturbances. Poster session presented at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.*
19. *Minor, S., Acheson, S.K., & Kane, H.D. (2003). Can a brief educational intervention change students' attitudes toward children with SED? Paper presented at the 16th Annual SOC Research conference, Tampa, FL.*
20. *Leverentz-Brady, K., Acheson, S. K., Fernandez, M. & Minor, S. (2003). Caregiver strain and utilization of services for children with serious emotional disturbance. Paper presented at the 16th Annual Systems of Care Research Conference, Tampa, Fl.*
21. *Chudzynski, J., Acheson, S.K., & Roll, J.M. (2002). A comparison of prevention programs for combating alcohol misuse on college campuses. Poster session presented at the annual meeting of the College on Problems of Drug Dependence, Quebec City, Quebec, Canada.*
22. *Mansfield, W.J. & Acheson, S.K. (2001). Conduct disorder, ADHD, and the frontal lobes: A double-dissociation? Poster session presented at the winter meeting of the International Neuropsychological Society, Chicago, IL.*
23. *Acheson, S.K. & Swartzwelder, H.S. (1999). Impairment of semantic and figural memory by acute ethanol: Age-dependent effects. Poster session presented at the winter meeting of the International Neuropsychological Society, Boston, MA.*

24. Acheson, S.K. & Swartzwelder, H.S. (1997). Acute effects of ethanol on human learning and memory: Age-related changes. Poster session presented at the summer meeting of the Research Society on Alcoholism, San Francisco, CA.
25. Acheson, S.K. & Molfese, D.L. (1995). Electrophysiological correlates of the WISC-III verbal-performance IQ discrepancy: Evidence from newborn event-related potentials. Poster session presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
26. Molfese, V.J., Acheson, S.K., & Pluth, S. (1994). Biomedical, social environmental, demographic & infant status measures: Predicting childhood status. Symposia presented at the meeting of the Society for Research in Child Development, Indianapolis, IN.
27. Molfese, V.J., & Acheson, S.K. (1994). When worlds collide - assessment meets intervention. Symposia presented at the 1994 Prevention & Intervention: Issues Across the Life Span conference, Southern Illinois University, Carbondale, IL.
28. Molfese, V.J. & Acheson, S.K. (1994). Predicting preschool performance on intelligence tests - the role of infant subscale scores. Poster session presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
29. Dorr, D., Acheson, S.K., Hamlin, E.D., & Barley, W.D. (1992). Clinical use of the MMPI-2 F-back scale with agoraphobic patients. Paper presented at the midwinter meeting of the Society for Personality Assessment, Washington D.C.
30. Acheson, S.K., & McCord, D.M. (1992). The relationship between the Trail Making Test and hemispheric laterality. Poster session presented at the annual meeting of the North Carolina Psychological Association.
31. Acheson, S.K., & McCord, D.M. (1992). Construct validity of the Trail Making Test Part B. Poster session presented at the annual meeting of the Southeastern Psychological Association, Knoxville, TN.
32. Wheeler, M.S., Keene, K.K., & Acheson, S.K. (1991). The Relationship between the MCMI-II and Adlerian life style themes. Poster session presented at the meeting of the Southeastern Psychological Association, New Orleans, LA.
33. Wheeler, M.S., & Acheson, S.K. (1991). The criterion related validity of the Life Style Personality Inventory. Paper presented at the meeting of the North American Society of Adlerian Psychology, Tucson, AZ.
34. Acheson, S.K., Mack, C.M., & Gilbert, M.E. (1989, May). Do pyrethroid insecticides possess convulsant properties? Poster session presented at the Duke Neuroscience Day, a meeting of the North Carolina Society for Neuroscience, Durham, NC.
35. Peele, D.B., Gilbert, M.E., Mack, C.M., Acheson, S.K., & Allison, S.D. (1989). Cognitive disruption following amygdala kindling: Effects of history, stimulation parameters and footshock. Poster presented at the annual meeting of the Society for Neuroscience, Phoenix, AZ.
36. Gilbert, M.E., Mack, C.M., & Acheson, S.K., (1988). Type II but not Type I pyrethroids alter amygdaloid kindling in the rat. Poster presented at the annual meeting of the Society for Neuroscience, Ontario, Canada.

GRANT SUPPORT:

1. Veteran's Health Administration, Division of Biomedical Laboratory Research and Development Service. Title: Novel Prophylactic Pharmacotherapy in an Animal Model of Closed Head Injury. Amount: \$1,077,000. Duration: 10/2011 – 10/2016.
2. Institute for Medical Research. Title: Nicotinamide (Vitamin B3) Prophylaxis Against Neurocognitive Impairment in an Animal Model of Closed Head Injury. Amount: \$17,000. Duration: 1/2009 – 12/2009.
3. Western Carolina University Office of Graduate Studies. Summer Research Grant. Title: Binge drinking: Cognitive, behavioral, and familial predictors. Amount: \$5,000. Duration: Summer, 2006.
4. Woodcock-Munoz Foundation, Woodcock-Johnson III *Tests of Cognitive Abilities* materials grant. Amount: \$11,845. Date: June, 2003. Grant was intended for the purchase of WJ-III test materials for clinical training.
5. Western Carolina University Office of Graduate Studies. Summer Research Fellowship. Title: A comparison of prevention programs for combating alcohol misuse on college campuses. Amount: \$1,750. Duration: Summer, 2000.
6. Western Carolina University Office of Graduate Studies. Summer Research Grant. Title: Alcohol abuse and dependence in adolescents: Neuropsychological profiles and prediction of treatment outcome and relapse. Amount: \$5,000. Duration: Summer, 1999.
7. Western Carolina University, Office of Graduate Studies. New Faculty Research Initiative Award. Fall, 1998, Amount: \$500. Duration: 1 year.
8. N.C. Governor's Institute on Alcoholism and Drug Abuse, Young Investigators Research Award. Title: The effect of chronic binge-pattern ethanol exposure on the acquisition and retention of spatial and non-spatial memory in adolescent and adult rats. Amount: \$9,000. Duration: 1 year.

INVITED ADDRESSES:

1. Methamphetamines and Cannabinoids: An Update Regarding Mental State Evaluations for Forensic Mental Health Professionals. American Academy of Forensic Psychology, planned August 2026.
2. WAIS-5: Updates and Potential Concerns. NC Psychological Association (Lunch and Learn), planned March 2026
3. mTBI & Concussion: An update on diagnosis, course and outcome. Online continuing education series for the Western NC Psychological Association, March 2025.

4. Marijuana and Cannabinoids: An Overview for Forensic Mental Health Professionals. Online continuing education series for the American Academy of Forensic Psychology, June 2024.
5. mTBI & Concussion: An update on diagnosis and outcome for forensic and general practice psychologists. Online continuing education series for the NC Psychological Association (Lunch and Learn), March 2024.
6. Neuropsychology of Brain Injury in Criminal Contexts – What attorneys need to know. Online continuing legal education series co-sponsored by the NC Indigent Defense Services Office and the Mecklenburg County Public Defender's Office, August 2023.
7. Methamphetamines: An overview for forensic mental health professionals. Online continuing education series for the American Academy of Forensic Psychology, June 2023.
8. Concussion as a Mitigating Factor in Capital Murder. Law and Mental Health Lecture Series, UNM School of Medicine, November 2022, Live via Zoom.
9. Assessment of Cognition: What Criminal Defense Attorney's Need to Know. Bridging the Gap #6 – Criminal Mitigation Seminar, Carolina Beach, NC, November 2022, Live.
10. Psycholegal Implications of Recreational Drug Use (Co-Presented with Maureen Reardon, Ph.D.). Meeting of the Wisconsin Psychological Association Forensic Correctional Interest Section, January 2022, Live via Zoom.
11. Pharmacology and Mental State Evaluations (Co-Presented with Maureen Reardon, Ph.D.). Annual meeting of the Association of Ohio Forensic Center Directors, April 2021, Live via Zoom.
12. COVID and the Long Haul: What do we know, how do we diagnose and treat it and, where do we go from here? Meeting of the North Carolina Psychological Association, February 2021, Live via Zoom.
13. Mental Health in the Age of COVID – Forensic Implications. Law and Mental Health Lecture Series, UNM School of Medicine, November 2020, Live via Zoom.
14. COVID and the Brain. Meeting of the Western North Carolina Psychological Association, June 2020, Asheville, NC (live via Zoom).
15. Recreational Drugs in the Forensic Setting: Pharmacology and Mental State (Co-Presented with Wilkie A. Wilson, Ph.D.). Meeting of the American Academy of Forensic Psychology, February 2019, Charleston, SC.
16. Traumatic Brain Injury: Patterns of recovery across the spectrum and implications for future planning. Meeting of the Juris Educational Resource Knowledge for Legal Nurse Consulting, October 2018, Raleigh, NC.
17. Tips from a Neuropsychologist: Investigating Closed Head Injury. NBI Sponsored Meeting Entitled: Traumatic Brain Injury Cases: Doctor and Attorney Perspectives, December 15, 2017. Raleigh, NC.
18. January 2006. Ultimate Survey: A Look at Software Applications for Computer Administered Questionnaires. Psychology Department Colloquium, Cullowhee, NC.

19. February 1999. Neuroscience and Consciousness: a discussion of Patricia Churchland's address to the American Philosophical Society. Sigma Xi Colloquium, Cullowhee, NC.
20. September 2001. Animal Cognition and Intelligence. Sigma Xi Colloquium, Cullowhee, NC.
21. April 2002. ADHD and related classroom behavior: medications and behavioral interventions. Brain Connections (panel discussion). NCCAT Seminar, Cullowhee, NC.
22. March 2003. Graduate training and education in clinical psychology. Wofford University, Spartanburg, SC.
23. April 2003. Neurochemistry: behavior problems in the classroom. Brain Connections (panel discussion). NCCAT Seminar, Cullowhee, NC.
24. October 1998. Multiple Intelligences: science or science fiction? Psychology Department Colloquium, Cullowhee, NC.

EDITORIAL/REVIEW EXPERIENCE (manuscript/grant/book reviews):

Research Manuscripts

- Addiction (1)
- Behavioural Brain Research (1)
- Brain Sciences (1)
- Cerebral Cortex (1)
- Developmental Psychobiology (1)
- Drug and Alcohol Dependence (3)
- Journal of Abnormal Psychology (2)
- Journal of Developmental Neuropsychology (1)
- Military Psychology (2)
- Neuropsychology Review (2)
- Neuroscience Letters (2)
- Pharmacology, Biochemistry and Behavior (11)
- Physiology & Behavior (2)

Grants

- Biomedical Laboratory Research & Development Service, Veteran's Administration
- Institute for Medical Research, Inc. (Lorie Moll, Director)
- National Science Foundation (William R. Gordon, Ph.D., REU Sites Program Director)

Books

- Assessment of Children: WISC-IV and WPPSI-III Supplement (2004; Sattler and Dumont)
- Assessment of Children: Behavioral, Social, and Clinical Foundations (5th edition, Sattler & Hoge)

HONORS AND AWARDS:

Pi Gamma Mu (International Honor Society in Social Science – NC State University)
Alpha Epsilon Delta (International Premedical Honor Society – NC State University)
Graduate School Study Grant (Western Carolina University)
Graduate School Dissertation Research Grant (Southern Illinois University)
Sigma Xi (Scientific Research Society –WCU & SIU; WCU Chapter President, 2003 - 2008)

Peak Performer Alumni Award (College of Education, WCU – April, 2002)

Unretained Expert

PROFESSIONAL AFFILIATIONS:

American Psychological Association
Division 12 – Clinical Psychology
Division 40 – Clinical Neuropsychology
Division 41 – Psychology-Law
International Neuropsychological Society
National Academy of Neuropsychology
NC Psychological Association

PROFESSIONAL AND COMMUNITY SERVICE:

Policy and Planning Committee, National Academy of Neuropsychology (2020 – present).
Law and Psychology Committee, NC Psychological Association (2023 – present).
Legislative, Governmental Affairs, and Policy Committee, NC Psychological Association (2025 – present).
NC Working Group on Severe Mental Illness / Acquired Brain Injury and Capital Punishment (2021 – 2023).

LICENSURE / CERTIFICATION:

Licensed Psychologist (# 2730) & Certified Health Services Provider – Psychologist, State of North Carolina (September 25, 2001 – present).
Health Service Psychologist (# 57294), National Register of Health Service Psychologists (June 17, 2020 – present).
ASPPB Interjurisdictional Practice Certificate & PSYPACT Temporary Authorization to Practice (September 24, 2021 – present). *
ASPPB E.Passport & PSYPACT Authority to Practice Interjurisdictional Telepsychology (September 24, 2021 – present). *

* States include AL, AZ, AR, CO, CNMI, CT, DE, DC, FL, GA, ID, IL, IN, KS, KY, ME, MD, MN, MS, MO, NE, NV, NH, NJ, NC, ND, OH, OK, PA, RI, SC, SD, TN, TX, UT, VA, WA, WV, WI, and WY. Additional states are being added each year. A map of currently participating states (in dark blue) can be viewed here: <https://psypact.org/mpage/psypactmap>

Last Updated: 3/25/2025

NB: My CV is updated regularly. Please contact my office (admin@afnpc.com) or my website (www.afnpc.com) directly for the most current version. I am not responsible for outdated versions posted on websites and in directories over which I have no control.