

**CURRICULUM VITAE**  
Shawn Kevin Acheson, PhD

**CONTACT:**

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**EDUCATION:**

Southern Illinois University, Carbondale, IL. Ph.D., Clinical Psychology (Experimental Clinical Track), August, 1997.  
Western Carolina University, Cullowhee, NC. M.A., Clinical Psychology, August, 1992.  
North Carolina State University, Raleigh, NC. B.A., Psychology, June, 1988.

**PROFESSIONAL EXPERIENCE:**

July, 2007 – present. Department of Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC. Senior Research Associate (2007 – 2009); Assistant Professor (2009 – present).

January, 2007 – present. Clinical Neuroscience Services of WNC. A consulting service for pre-employment evaluations in law enforcement and forensic neuropsychological evaluations in the court system (pre- and post-conviction).

January, 2008 – July, 2009. VISN6 MIRECC, Durham Veteran's Administration Medical Center, Durham, NC. Health Science Specialist.

August, 1998 – May, 2008. Department of Psychology, Western Carolina University, Cullowhee, NC. 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).

June, 2000 – July, 2007. Clinical Neuropsychologist, Skyland Behavioral Health Associates, One Oak Plaza, Suite 206, Asheville, NC 28801.

July, 2002 – September, 2005. Smoky Mountain Center, Sylva, NC. Data Director, Systems of Care Regional Evaluation Project.

July, 1996 – August, 1998. Neurobiology Research Lab, Duke University and Veteran's Administration Medical Centers, Durham, NC. Post-Doctoral Fellow (Clinical time is described below).

August, 1997 – August, 1998. Department of Psychology, North Carolina Central University, Durham, NC. Adjunct Assistant Professor.

August, 1992 - May, 1995. Department of Psychology, Southern Illinois University, Carbondale, IL. Graduate Teaching Assistant (1992 – 1993); Graduate Research Assistant (1993 – 1995).

August, 1990 - December, 1991. Department of Psychology, Western Carolina University, Cullowhee, NC. Graduate Research Assistant.

June, 1991 - August, 1991. Department of Chemistry, Western Carolina University, Cullowhee, NC. Teaching/Lab Assistant.

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

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

**PUBLICATIONS:** (All names in italics represent student collaborators)

Peer-Reviewed:

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.

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.

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.

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.

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.

- Acheson, S. K., Richardson, R., & Swartzwelder, H. S. (1999). Developmental changes in seizure susceptibility during ethanol withdrawal. *Alcohol, 18*, 23-26.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Acheson, S.K., Straits-Troster, K., Calhoun, P.S., Beckham, J.C., & Hamlett-Berry, K. (in press). Characteristics and Correlates of Cigarette Use among recent U.S. Veterans. *Military Psychology*.
- Fleming, R., Acheson, S.K., Moore, S.D., Wilson, W.A., & Swartzwelder, H.S. (in press). GABA Transport Modulates the Ethanol Sensitivity of Tonic Inhibition in the Rat Dentate Gyrus. *Alcohol*.
- Fleming, R.L., Acheson, S.K., Moore, S.D., Wilson, W.A., & Swartzwelder, H.S. (in press). In the Rat, Chronic Intermittent Ethanol Exposure During Adolescence Alters the Ethanol Sensitivity of Tonic Inhibition in Adulthood. *Alcoholism: Clinical and Experimental Research*.

Reviews / Abstracts / Chapters:

- Gilbert, M. E., Mack, C. M., & Acheson, S. K. (1988). Type II, but not type I pyrethroids alter amygdaloid kindling in the rat. *Society for Neuroscience Abstracts*, 14, 1220.
- 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. ). Hillsdale, NJ: Erlbaum.
- 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.
- 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.
- 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.
- 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.
- Acheson, S. K. & Payne, J. (2005). [Review of the Psychopathy Checklist – Revised (2<sup>nd</sup> edition)]. In B. S. Plake, J. C. Impara, & R. A. Spies (Eds.), *Sixteenth mental measurements yearbook*. Lincoln, NE: Buros Institute of Mental Measurements.
- 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.
- 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.
- 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.
- 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.

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.

### **CONFERENCE PRESENTATIONS (Papers, Posters & Symposia):**

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.

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.

Wheeler, M. S., Keene, K. K., & Acheson, S. K. (1991). The Relationship between the MCMII-II and Adlerian life style themes. Poster session presented at the meeting of the Southeastern Psychological Association, New Orleans, LA.

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.

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.

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.

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.

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.

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.

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.

- 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.
- 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.
- 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.
- 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 16<sup>th</sup> Annual Systems of Care Research Conference, Tampa, FL.
- 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 16<sup>th</sup> Annual SOC Research conference, Tampa, FL.
- 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.
- 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.
- 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.
- 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.
- 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 17<sup>th</sup> Annual Systems of Care Research Conference, Tampa, Fla.
- 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.

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.

*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.

*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.

*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.

Acheson, S. K., *Miller, C. A., & Dotson, B.* (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.

#### **GRANT SUPPORT:**

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.

Western Carolina University Office of Graduate Studies. Summer Research Grant. Title: Binge drinking: Cognitive, behavioral, and familial predictors. Amount: \$5,000. Duration: Summer, 2006.

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.

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.

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.

Western Carolina University, Office of Graduate Studies. New Faculty Research Initiative Award. Fall, 1998, Amount: \$500. Duration: 1 year.

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:**

October, 1998. Multiple Intelligences: science or science fiction? Psychology Department Colloquium, Cullowhee, NC.  
February, 1999. Neuroscience and Consciousness: a discussion of Patricia Churchland's address to the American Philosophical Society. Sigma Xi Colloquium, Cullowhee, NC.  
September, 2001. Animal Cognition and Intelligence. Sigma Xi Colloquium, Cullowhee, NC.  
April, 2002. ADHD and related classroom behavior: medications and behavioral interventions. Brain Connections (panel discussion). NCCAT Seminar, Cullowhee, NC.  
March, 2003. Graduate training and education in clinical psychology. Wofford University, Spartanburg, SC.  
April, 2003. Neurochemistry: behavior problems in the classroom. Brain Connections (panel discussion). NCCAT Seminar, Cullowhee, NC.  
January, 2006. Ultimate Survey: A Look at Software Applications for Computer Administered Questionnaires. Psychology Department Colloquium, Cullowhee, NC.

### **EDITORIAL/REVIEW EXPERIENCE (ad hoc reviews):**

Journal of Developmental Neuropsychology (Editor: Dennis L. Molfese, Ph.D.)  
Neuropsychology Review (Editor: Antonio Puente, Ph.D.)  
Journal of Abnormal Psychology (Editor: Timothy B. Baker, Ph.D.)  
Developmental Psychobiology (Editor: George F. Michel, Ph.D.)  
Behavioural Brain Research (Editor: Joe Huston, Ph.D.)  
Physiology & Behavior (Editor: Stephen C. Woods, Ph.D.)  
Assessment of Children: WISC-IV and WPPSI-III Supplement (2004; Sattler and Dumont)  
Assessment of Children: Behavioral, Social, and Clinical Foundations (5<sup>th</sup> edition, Sattler & Hoge)  
National Science Foundation (William R. Gordon, Ph.D., REU Sites Program Director)  
Institute for Medical Research, Inc. (J. Bryce Weinberg, M.D., Director)

### **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)



**PROFESSIONAL AFFILIATIONS:**

American Psychological Association  
    Division 12 – Clinical Psychology  
    Division 40 – Clinical Neuropsychology  
Association for Psychological Science  
International Neuropsychological Society  
National Academy of Neuropsychology  
Society for Neuroscience  
Research Society on Alcoholism  
National Neurotrauma Society

**CLINICAL EXPERIENCE:**

January, 2007 – present. Clinical Neuropsychologist, Clinical Neuroscience Services of WNC - a clinical consulting firm established in 2007.

June, 2000 – July, 2007. Clinical Neuropsychologist, Skyland Behavioral Health Associates, One Oak Plaza, Suite 206, Asheville, NC 28801.

July, 1996 – August, 1998. Post-doctoral Fellow, Neurobiology Research Lab, Duke University and Durham V.A. Medical Centers, Durham, North Carolina. Consulted with psychologists and interns at Durham VA Medical Center (supervisor: H. Scott Swartzwelder, Ph.D.) and neuropsychological assessment at Duke University Medical Center (supervisor: Patrick E. Logue, Ph.D, ABPP, ABCN).

July, 1995 - June, 1996. Pre-Doctoral Internship, Division of Medical Psychology, Department of Psychiatry, Duke University Medical Center, Durham, NC. Primary (9 month) rotation: Clinical Neuropsychology, supervisor: Patrick E. Logue, Ph.D, ABPP, ABCN. Secondary (3 month) rotation: Health Psychology, supervisor: Francis J. Keefe, Ph.D.

**LICENSURE / CERTIFICATION:**

September 25, 2001 – Licensed Psychologist (# 2730), State of North Carolina.  
September 25, 2001 – Certified Health Services Provider - Psychologist.

**REFERENCES:**

H. Scott Swartzwelder, Ph.D.  
Professor of Psychiatry and Behavioral Sciences  
Duke University Medical Center  
Durham, NC  
919-286-6810

Wilkie A. Wilson, Ph.D.  
Professor of Pharmacology & Cancer Biology  
Duke University Medical Center  
Durham, NC  
919-286-6810

*Additional references provided on request*