



## CURRICULUM VITAE

### Licenses:

Louisiana License #: 1017  
Clinical Psychologist  
Specialty Designation in Neuropsychology

### Educational History

**August 1999-2004:** University of Mississippi  
University, Mississippi  
*Major:* Clinical Psychology (APA Accredited Program)  
*Degree:* Ph.D.

**August 1997-May 1999:** University of Louisiana at Lafayette  
Lafayette, Louisiana  
*Major:* Experimental/General Psychology  
*Degree:* M.S.

**August 1992-May 1997:** University of Southwestern Louisiana  
Lafayette, Louisiana  
*Major:* Psychology  
*Degree:* B.S.

**Honors:** Psi Chi, National Honors Society in Psychology  
Elected National Society of Collegiate Scholars  
1992-1997 PACE Club (Program for Athletes Committed to Excellence)  
1995-1997, Dean's List, University of Southwestern Louisiana  
1997-1999, Dean's List, University of Louisiana at Lafayette

**Professional Affiliations:** Louisiana Psychological Association  
International Neuropsychological Society  
American Psychological Association  
National Academy of Neuropsychology

## **Publications:**

### ***Book Chapters:***

Krull, K.R., George, M.R., **Strother, D.M.** (2007). Quantitative Electroencephalography and Neurofeedback. *Pediatric Neuropsychological Intervention: A Critical Review of Science and Practice*, Cambridge University Press.

### ***Peer Reviewed:***

Green, J.B., St. Arnold, P.A., Rozhkov, L., **Strother, D.M.**, Garrott, N. (2003). Bereitschaft (readiness potential) and supplemental motor area interaction in movement generation: Spinal cord injury and normal subjects. *Journal of Rehabilitation Research and Development*, vol. 40, no3, pp. 225-234

Ehrenreich, J.T., Boggs, K.M., Seif, T.A., **Strother, D.M.**, Gross, A.M. (2002). Its a dirty job: Mental health consultation and the challenges of treating encopresis in a preadolescent. *Clinical Case Studies*.

**Strother, D.M.**, MacGyvers, V.L., & Lynch, C.S. Correlates of androgenic anabolic steroid use among high school athletes. Manuscript under review.

Green, J.B., Rozhkov, L.I., **Strother, D.M.**, & Garrott, N. The role of the bereitschaft potential in spinal cord injury. Manuscript under review.

**Strother, D.M.**, Lynch, C.S., & MacGyvers, V.L. The Relationship of Anabolic Androgenic Steroid Use and Ethnicity. Manuscript in preparation.

## **Research Presentations**

**Strother, D.M.**, Moreland, C.S., Batson, L., Krull, K.R. (2006). AD/HD and Dyslexia: A Case Study of Monozygotic/Dizygotic Triplets. International Neuropsychological Society, 34<sup>th</sup> Annual INS Meeting, Boston, Massachusetts, February 2006.

Green, J.B., St. Arnold, P.A., Rozhkov, L.I., Garrott, N., & **Strother, D.M.** (2002). The bereitschaft potential in spinal cord injury. American Paraplegia Society, 47<sup>th</sup> Annual Conference, Las Vegas, NV, Sept. 2001.

**Strother, D. M.** (1999). *Correlates of androgenic anabolic steroid use among high school athletes*. Poster presented at the biennial convention for The Society for Research on Adolescents, Chicago, Illinois, March 2000.

Green, J.B., Rozhkov, L.I., **Strother, D.M.**, & Garrott, N. (2002). The role of the Bereitschaft potential as an interface for brain-computer activated prosthesis in spinal cord injury. Poster presented at VA Health Services Research 2002 Annual Meeting, Washington, DC, Feb. 13-15.

Green, J.B., Rozhkov, L.I., **Strother, D.M.**, & Garrott, N. (2002). The role of the Bereitschaft potential as an interface for brain-computer activated prosthesis in spinal cord injury. Poster presented at American Society of Neuroimaging, 25<sup>th</sup> Anniversary Meeting, Tampa, FL, March 7-10.

Green, J.B., Rozhkov, L.I., **Strother, D.M.**, & Garrott, N. (2002). Bereitschaft potential and supplementary motor area interaction in movement generation. Poster presented at American Academy of Neurology, 54<sup>th</sup> Annual Meeting, Denver, CO, Apr 13-20.

### **Training Background & Experience:**

#### ***Neuropsychology Fellow, Texas Children's Hospital/Baylor College of Medicine Houston, Texas***

**Supervisor: Kevin Krull, Ph.D., ABPP/ABCN**

**July 2004 – present**

Neuropsychology fellowship meeting APA Division 40/Houston Conference guidelines for neuropsychology post-doctoral specialization. Conduct neuropsychological examinations on inpatients and outpatients at Texas Children's Hospital. Duties include interview, test administration, scoring, interpretation, and report writing. Experience with a diverse clinical population including Cancer, pre-Bone Marrow Transplantation, Sickle Cell Anemia, HIV, ADHD, and Learning Disorders. 20% time allocated to collaborative research and development of independent research.

#### ***Neuropsychology Intern, Baylor College of Medicine Houston, Texas***

**Supervisor: Kevin Krull, Ph.D., ABPP**

**Total Hours: 1056**

**July 2003 – June 2004**

Conduct neuropsychological examinations on inpatients and outpatients at Texas Children's Hospital. Duties include interview, test administration, scoring, interpretation, and report writing. Experience with a diverse clinical population including Cancer, pre-Bone Marrow Transplantation, Sickle Cell Anemia, HIV, ADHD, and Learning Disorders.

***Therapist, Baylor College of Medicine***  
**Houston, Texas**

**Supervisor, Karen Lawson, Ph.D.**

**Total Hours: 80**

**July 2003 – present**

Conduct individual therapy for clients presented with a wide range of complaints, including Major Depressive Disorder, Social Anxiety, Substance Abuse, and Adjustment Disorder. Weekly supervision on a per-case basis.

***Assessment Extern, Center for Pediatric Neuropsychology***

**Memphis, Tennessee**

**Supervisor: Vicki Brewer, Ph.D.**

**Total Hours: 110**

**July 2002 – May 2003**

Conduct neuropsychological examinations involving clients ranging in age from 4 to 18. Duties included test administration, scoring, interpretation, and report writing. Patient population included Traumatic Brain Injury, Epilepsy, and Developmental Disorders. Receive weekly supervision.

***Assessment Extern, Memphis Veteran Affairs Medical Center***

**Memphis, Tennessee**

**Supervisor: Brad Roper, Ph.D.**

**Total Hours: 72**

**August 2002 – April 2003**

Conduct neuropsychological examinations involving clients presenting with a variety of cognitive complaints including those related to dementia and stroke. Clients range in age from 50 to 72. Duties included conduction of clinical interview, test administration, scoring, interpretation, report writing, and providing feedback. Receive weekly supervision.

***Psychological Examiner, Psychological Assessment Clinic - University of Mississippi***

**University, Mississippi**

**Supervisor: Nathan Weed, Ph.D.; Tom Lombardo**

**Total Practicum Hours: 180**

**Jan. 2001 – May 2003**

Conduct assessments for the presence of psychoeducational and psychiatric disorders. Duties included clinical interviewing, test administration, scoring, interpretation, report writing, and providing feedback. Supervision for each assessment.

***Therapist, Psychological Services Center-University of Mississippi***  
**University, Mississippi**

**Supervisor: Alan Gross, Ph.D.; Tom Lombardo, Ph.D.; Paul Deal, Ph.D.; Karen Christoff, Ph.D.**

**Total Number of Hours: 560**

**Feb. 2000 – May 2003**

Conduct individual therapy for clients presenting with a wide range of complaints including: social and family difficulties, mood disorders, anxiety disorders, sexual abuse, and post-traumatic stress disorders. Received weekly individual and/or group supervision.

***Psychology Intern, North Mississippi Regional Center***

**Oxford, Mississippi**

**Supervisor: Paul Deal, Ph.D.**

**Total Practicum Hours: 1000**

**July 2001 – June 2002**

Duties included conducting functional assessments, therapy, and development and implementation of behavior programs at a residential living facility for individuals with MR/DD. Also developed a parent-training program for parents of children with MR/DD. Received weekly group and individual supervision.

***Therapist, Baptist Children's Village***

**Water Valley, Mississippi**

**Supervisor: Alan Gross, Ph.D.**

**Total Number of Hours: 500**

**August 2000 – May 2001**

Served as therapist for males and females ranging in age from 5 to 17 who were abused or neglected prior to being placed at this residential living facility. Therapy consisted of both individual and group structures. Responsibilities also involved developing behavior modification plans to be implemented by parents and staff. Received weekly group supervision.

***Verification Specialist, Office for Students with Disability Services***

**University of Mississippi, University, Mississippi**

**Supervisor: Nathan Weed, Ph.D.**

**Total Practicum Hours: 200**

**Aug. 2000 – Dec. 2000**

Responsibilities consisted of reviewing documentation of learning disabilities, ADHD, and psychiatric disorders to determine eligibility of accommodations. For those students meeting criteria for accommodations, the verification specialist designed accommodations specific to the student's need. Other responsibilities included consulting with parents and teachers about the progress of students and the effectiveness of accommodations. Received weekly group and/or individual supervision.

***Student Counselor, Department of Junior Division***  
**The University of Louisiana at Lafayette,**  
**Lafayette, Louisiana**

**Supervisor: Bette Harris, M.S.**

**Total Hours: 120**

**May 1999 – July 1999**

Duties included advising students regarding academic performance, developing academic plans for students on academic probation, counseling students, helping students select majors, monitoring students' academic performance and identifying struggling students. Received weekly individual supervision.

***Graduate Assistant, Services for Students with Disabilities***  
**University of Louisiana at Lafayette**

**Lafayette, Louisiana**

**Supervisor: Page Salley, M.S.**

**Total Practicum Hours: 1080**

**January 1998-May 1999**

Duties included designing plans of accommodation for students with disabilities pursuant with the American Disabilities Act (ADA). This position also involved some counseling, as well as administering and scoring assessments to determine the presence of learning disabilities. Received weekly supervision.

***Supportive Employment Specialist, Seidl and Associates***

**Lafayette, Louisiana**

**Supervisor: John Warner, Ph.D., John Grimes, Ph.D., Kathy Elliot, Psy.D.**

**Total Number of Hours: 900**

**May 1997-May 1998**

Served as primary behavior modification therapist for a 28-year-old male with traumatic brain injury. Duties included developing and implementing behavior modification programs, as well as consulting with his coworkers. Received weekly individual supervision.

### **Research Experience:**

***Dissertation, Cortical Reorganization and its Relationship to Imagined and Executed Movement***

***Dissertation Chair: Scotty Hargrove, Ph.D.***

Previous research has found similarities in cortical activation for motor activation and motor imagery. Research also indicates cortical reorganization in individuals with spinal cord injury such that movement-related cortical activation moves to a position posterior than that found in non-injured individuals. This study seeks to determine if motor imagery is also susceptible to reorganization and the implications associated with this phenomenon. High-resolution EEG recorded while individuals with SCI imagine, and execute, movement. EEG data will be

superimposed on MRI data in order to localize cortical activation during each condition. It is hypothesized that cortical potentials during motor imagery will vary in a similar pattern as movement.

***Research Project, The Bereitschaft Potential and Supplementary Motor Area Interaction in Movement Generation***

**Supervisor: Joseph B. Green, M.D.**

**June 2001 – February 2002**

This project aimed to uncover the relationship between the Supplementary Motor Area and the generation of Bereitschaft potential during actual and attempted movement. Duties included: assisting with the administration of high-resolution EEG, administering self-report measures of daily living skills and life adjustment, administering functional ability measures, assisting in computer driven synthesis of EEG and MRI data, as well as manuscript and grant preparation.

***Research Project, Effectiveness of Parent-training for Parents of Children with Developmental Disabilities***

**July 2001 – July 2002**

Developed a study which sought to ascertain the effectiveness of training parents of children with MR/DD in behavioral techniques. Participating parents including those who enrolled their children at a residential living facility for an abbreviated period of time. Reasons leading to admittance of children were related to disruptive behavior and general difficulty regarding the management of their child's behavior. Parents completed three intensive training sessions and completed pretest and post-test measures of their perceived ability to apply behavior modification techniques, as well as their understanding of various behavioral techniques.

***Research Project, The Role of the Bereitschaft Potential in Spinal Cord Injury***

**Supervisor: Joseph B. Green, M.D.**

**October 2000 – June 2001**

This study sought to determine the role of the Bereitschaft potential in movement of individuals with spinal cord injury. Responsibilities included: assisting with the administration of high-resolution EEG, administering self-report measures of daily living skills and life adjustment, administering functional ability measures, assisting in computer driven synthesis of EEG and MRI data. Duties also included construction of manuscripts and grant proposals.

***Research Assistant, Use of Q-sort to Determine the Validity of MMPI-2 Subtle Items***

**Supervisor: Nathan Weed, Ph.D.**

**May 2000 – May 2001**

This study employed q-sorts to assess the validity of the subtle items of the MMPI-2. Q-sorts were completed therapists knowledgeable of the patient, as well as an individual only guided by

MMPI-2 results, MMPI results based only on obvious items, and MMPI results based only on subtle items. Q-sorts were then compared to determine if subtle items accounted for any variance beyond that by obvious items. As a research assistant I collected, coded, and tracked q-sorts and MMPI-2 protocols. I also generated MMPI-2 results based solely on obvious items and results based only on subtle items.

***Thesis Research, Correlates of Androgenic Anabolic Steroid Use Among High School Athletes***

**University of Louisiana at Lafayette, Lafayette, Louisiana**

**This investigation was directed at determining the psychological characteristics of high school athletes who turn to anabolic steroids. A variety of psychological measures was given to high school athletes. Athletes were also asked to report drug use including steroid use. Contrary to past indications, 25% of participating athletes acknowledged using steroids. Steroid use was correlated with other drug use, depression, and lower perception of body image, athletic performance, and athletic ability. Moreover, steroid users were more likely to view sports as a means of obtaining a successful career in sports than non-users.**

**Personal Information**

**Mailing Address:** 850 Kaliste Saloom Rd  
Suite 103  
Lafayette, LA 70508  
Home phone: (337) 235-5676  
Alternate phone: (337) 235-5642

**Email Address:** [darrenstrother@bellsouth.net](mailto:darrenstrother@bellsouth.net)