



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, 34th 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, 47th 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, 25th 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, 54th 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

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