

**CURRICULUM VITAE**  
**SOUGANDHI (SAMANTHA) BACKHAUS, PhD., HSP**

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**BIOGRAPHICAL STATEMENT:**

Dr. Backhaus is a licensed Clinical Neuropsychologist, specializing in adult clinical neuropsychology. She has broad training and experiences in conducting clinical, behavioral, and neuropsychological assessments and treatments for individuals with brain injury (including mild TBI), stroke, and other neurological disorders for over 20 years. Dr. Backhaus earned her doctorate in Clinical Psychology, with additional specialization in Neuropsychology from Nova Southeastern University and completed an APA-approved pre-doctoral internship in Clinical Neuropsychology at the Pittsburgh VA Healthcare System. She then completed a formal, APA-approved post-doctoral fellowship in Rehabilitation Neuropsychology at the Detroit Institute of Michigan / Wayne State Medical School, where she obtained training in outpatient and inpatient neurorehabilitation, concussion assessments, forensic evaluations, comprehensive neuropsychological examinations, as well as psychotherapy with individuals who have suffered brain injuries.

She served as the Associate Director of a specialized Outpatient Brain Injury Rehabilitation program. In this capacity, her roles generally consisted of clinical / diagnostic services, research, and program development. Clinical / diagnostic services included completing comprehensive neuropsychological evaluations in adults with various types of brain injuries and neurological disorders, facilitating / leading a team of brain-injury certified rehabilitation specialists in providing comprehensive holistic neurorehabilitation care, and providing evidenced-based cognitive and psychotherapeutic rehabilitation to persons with injuries. She conducted psychotherapy services to individuals, couples, caregivers, and groups. She helped initial development of a Concussion track, a Post-traumatic Confusion Track, as well as a Day Treatment Program Track (DTP). The DTP uses a manualized approach via use of the Cognitive Rehabilitation Manual developed by the ACRM Cognitive Rehabilitation Special Interest Group, as well as developed cognitive rehabilitation group therapy processes based on ACRM recommendations.

From a research and program development perspective, she also co-developed evidenced-based treatments to help improve the long-term functioning of individuals with brain injuries and family members, including development of the Brain Injury Coping Skills Group (BICS) program, and a Couples CARE treatment program. She has been asked to provide training to many facilities throughout the US on how to do the BICS and Couples CARE interventions. She is also asked to speak at various conferences nationally and internationally on neuropsychological and neurorehabilitation care of persons with brain injury, as well as provision of the evidenced-based group interventions she helped develop. For her work in these areas, she received the Sheldon Berrol Award in 2019 for "Outstanding Service to Improving Clinical Services in Brain Injury," presented by the Brain Injury Association of America; the "Best Clinical Scientific Presentation and Treatment of the Brain Injury Coping Skills Group" in 2009 presented by the American Society for Neurorehabilitation and American Congress of Rehabilitation Medicine; as well as the "Healthcare Hero Finalist" in 2011 presented by the Indianapolis Business Journal. In addition to her clinical work, Dr. Backhaus has been an active member of the American Congress of Rehabilitation Medicine (ACRM) for over 15 years.

**AREAS OF SPECIALIZATIONS**

- ✓ Traumatic brain injury (TBI): moderate-to-severe
- ✓ Mild TBI / Concussions
- ✓ Strokes, Encephalopathies, Aneurysms, Anoxia, other acquired brain injuries
- ✓ Dementias and other Neurodegenerative Conditions
- ✓ Psychotherapy / Counseling services for persons in the brain injury / neurological populations: individuals, couples and marital, and group / family therapy

## **SERVICES OFFERED:**

- ✓ Neuropsychological evaluations (adults and geriatric population)
- ✓ Vocational Neuropsychological evaluations
- ✓ Workman's Compensation Evaluations
- ✓ Psychotherapy

## **PROFESSIONAL EXPERIENCES:**

**8/2023 to present**      **Clinical Neuropsychologist; Indiana Neuropsychology Group**

**1/2005 to present**      **Clinical Neuropsychologist; Rehabilitation Hospital of Indiana**  
**Employment Start date at RHI is 1/5/2005**

**Associate Director of Outpatient Neuropsychology Services (2015 to present)**

- Oversee outpatient brain injury community reintegration and neurorehabilitation program doing neuropsychological evaluations, facilitating clinical care for patients and families, and doing individual and group psychotherapies.
- Conduct research and grant-funded activities studying effects of coping skills interventions for families following TBI, malingering, and neurobehavioral, neurocognitive, and psychological long-term effects of TBI and acquired brain injuries in patients and family members.

**Facilitator of Bridging the Gap support group via Brain Injury Association (2006-2012)**

- Designed a new support group for survivors of brain injury and caregivers specifically intended to help individuals transition from outpatient therapies to reintegrating back into individual and family-related activities.

**Director of Peer Mentoring Program (Project Map: Charting the Path to Recovery); Rehabilitation Hospital of Indiana (2008-2012)**

- Developed and implemented first BI mentoring program in Indiana for survivors and caregivers
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## **Honors and Awards**

- 2019 **Sheldon Berrol Award - Outstanding Service to Improving Clinical Services in Brain Injury**  
Brain Injury Association of America presented at the American Congress of Rehabilitation Conference
- 2011 **Healthcare Hero Finalist** of Indianapolis, Indiana. Indianapolis Business Journal for development of the Brain Injury Coping Skills Group.
- 2011 **Outstanding Contributions to the Community in the field of Brain Injury Rehabilitation** for the Brain Injury Coping Skills Group
- 2009 **Best Clinical Scientific Presentation and Treatment of the Brain Injury Coping Skills Group;**  
American Society for Neurorehabilitation and American Congress of Rehabilitation Medicine
- 2008 **Second Place Poster Award for Scientific Research and Treatment Interventions for Neurorehabilitation,** American Congress of Rehabilitation Medicine, Relationship Between Coping and Problem-Solving Strategies and Psychological Adjustment in Survivors of Brain Injury and Their Caregivers. Toronto, Canada

EDUCATIONAL TRAINING	DEGREE (if applicable)	Completion Date	FIELD OF STUDY
Indiana University - Purdue University, Indianapolis, In Cavanaugh Hall, Room 125 425 University Blvd. Indianapolis, IN, 46202-5143	B.S.	12/1994	Psychology
University of Colorado at Colorado Springs P.O Box 7150 Colorado Springs, CO 80933	M.S.	05/1997	Clinical Psychology
Nova Southeastern University 3301 College Avenue Ft. Lauderdale, FL 33314 APA accredited	PhD.	08/1997 to 06/2002	Clinical Neuropsychology
Pittsburgh VA Healthcare System, Pittsburg, PA	Internship	08/2001 to 06/2002	Clinical Neuropsychology
Rehabilitation Institute of Michigan, Detroit, MI	Postdoctoral Fellowship	08/2002 to 08/2004	Clinical Neuropsychology

#### PROFESSIONAL AFFILIATIONS AND ROLES:

2016-present Invited reviewer, Neuropsychological Rehabilitation  
2015-present Invited grant review, Indiana Spinal Cord and Brain Injury Research Fund (2 cycles)  
2014-present Invited reviewer, Archives of Physical Medicine and Rehabilitation  
2010-present Member, American Congress of Rehabilitation Medicine (ACRM)  
2010-present Member, ACRM-Brain Injury Special Interest Group

#### CONTRIBUTION TO SCIENCE

**Brain Injury Coping Skills Group** is a 12-16 session, evidenced-based coping skills group intervention developed to improve brain injury-related self-efficacy, maintain stability in emotional functioning, and improve neurobehavioral challenges such as apathy or emotional and behavioral disinhibition. This intervention was developed to meet the needs of both the person who suffered the brain injury, as well as a caregiver or family member. This is a manualized treatment that incorporates aspects of well-needed psychoeducation, cognitive-behavioral, dialectical behavioral, and mindfulness-based approaches, while incorporating important elements of group cohesion and therapeutic factors to help foster the effects of this treatment. The overall aim is to help individuals adjust to the effects and challenges after a brain injury. The efficacy of this intervention has been examined via focus groups, small funded pilot studies, multi-centered trials with Mayo Clinic and Brooks Rehabilitation Center, and through larger state-funded grants to conduct a randomize controlled clinical trial. We have now moved into the translational phase of providing this intervention in clinical settings while collecting program evaluation data to study the effectiveness of the treatment. This treatment manual has been published by Lash Publishing Company. We have been asked to provide several local, national, and international workshops on helping other clinicians learn how to provide this intervention, and are currently being asked to put together a statewide training program so that

other major rehabilitation centers in the state of Indiana can offer this intervention. We have also been asked to provide numerous workshops at the American Congress of Rehabilitation Medicine on training facilitators how to provide this intervention, and as a result, other major rehabilitation and brain injury centers are implementing this program. Amongst some of these centers includes Mayo Clinic in Rochester, MN, as well as Tampa Bay Veteran's Administration. A list of publications, workshops, and presentations are provided below.

- a. **Backhaus, S.L.** Brain Injury Coping Skills Training using a CBT approach for survivors and families. (June 2007). Invited lecture at the *Norwegian Sunnas Rehabilitation Center in, Oslo, Norway*
- b. **Backhaus S.** Family Focused Brain Injury Rehabilitation. (March 2009)Contemporary Forums: Brain Injury.
- c. **Backhaus S.** Family Focused Brain Injury Rehabilitation. (March 2009)Contemporary Forums: Brain Injury.
- d. **Backhaus S.** (June 2009) Coping Strategies for Caregivers. Presentation at Williamsburg Virginia, Hospitality House, invited lecture by Jeff Kreutzer.
- e. **Backhaus S.** Sander A. Strutchen, M. (October 2009). Efficacy of cognitive behavioral therapy in individuals with brain injury and caregivers. Symposium. American Congress of Rehabilitation Medicine. Denver, Colorado,
- f. **Backhaus S.** Workshop on Family Focused Rehabilitation: Theory, Depression, and Coping Strategies (November 2009). One-day workshop. Davenport, Iowa. Genesis Rehabilitation.
- g. **Backhaus S,** Ibarra S. Klyce D, Trexler L, Malec J. Brain Injury Coping Skills Group: A Preventative Intervention Aimed at Addressing Emotional Well-Being of Patients with Brain Injury and their Caregivers. *Archives of Physical Medicine and Rehabilitation, 2010; 91(6), 840-848.*
- h. **Backhaus S.** Ibarra S. Trexler L. Klyce D. Malec J. (March 2010). *Brain Injury Coping Skills Group: An Intervention Aimed at Preventing Emotional Distress and Improving Self-Efficacy in Individuals with Brain Injury and Their Caregivers.* Poster presented at the Eighth World Congress on Brain Injury, Washington, D.C.
- i. Moessner A. **Backhaus S.** Ibarra S. Parrott D. Klyce D. Lepore S. Malec J. (October 2010). *Brain Injury Coping Skills Group: A Replication Study.* Poster presented at 2010 ACRM-ASNR Joint Educational Conference – American Congress of Rehabilitation Medicine / American Society of Neurorehabilitation, Montreal, Canada.
- j. Wertheimer, J. C., **Backhaus, S.,** Lathram-Sawada, K., Moessner, A., Ibarra, S., Lepore, S., Parrot, D., & Malec, J. (February 2011). *An Empirically Based Coping Skills Group for Individuals with Brain Injury and Their Caregivers: A Replication, Multi-centered Study.* Poster presented at the 39<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Boston, MA.
- k. **Backhaus, S.L.** Examination of a Cognitive – Behavioral Skills Intervention in individuals with brain injury. Auckland, New Zealand, Mid-Year International Neuropsychological Society, July 2011
- l. **Backhaus, S.,** & Ibarra, S. (October 2011). *The Brain Injury Coping Skills (BICS) Group Workshop: An intervention for survivors and caregivers to help with emotional adjustment and neurobehavioral challenges.* Workshop presented at the Brain Injury Association of Indiana Fall Research and Education Conference, Indianapolis, IN.
- m. **Backhaus, S.,** & Ibarra, S. (November 2011). *The Brain Injury Coping Skills (BICS) Group Workshop: An intervention for survivors and caregivers to help with emotional adjustment and neurobehavioral challenges.* Workshop presented at the National Academy of Neuropsychology 2011 Conference, Marco Island, FL.
- n. **Backhaus S,** Ibarra S. *Brain Injury Coping Skills Group (BICS): A treatment and education program for adults with brain injury and their caregivers, Manual.* 2012.Youngsville, NC: Lash & Associates Publishing / Training, Inc.
- o. **Backhaus, S.,** & Ibarra, S. ( October 2012). *The Brain Injury Coping Skills (BICS) Group Workshop: An intervention for survivors and caregivers to help with emotional adjustment and neurobehavioral challenges.* Workshop presented at ACRM - ASNR 2012 Annual Conference, Vancouver, Canada.

- p. **Backhaus, S.,** & Ibarra, S. (November 2013). *The Brain Injury Coping Skills (BICS) Group Workshop: An intervention for survivors and caregivers to help with emotional adjustment and neurobehavioral challenges.* Workshop presented at ACRM - ASNR 2013 Annual Conference, Orlando, Florida.
- q. **Backhaus, S.,** Ibarra, S., Parrott, D., & Malec, J. (March 2014). *Comparison of a cognitive-behavioral coping skills group to a peer support group in improving self-efficacy and neurobehavioral functions after brain injury.* Oral presentation at the Tenth World Congress on Brain Injury, San Francisco, California.
- r. **Backhaus, S.,** Ibarra, S. (October 2014). *Brain Injury Coping Skills Training for Survivors of Brain Injury and Caregivers: A Workshop.* Workshop presented at ACRM 2014 Annual Conference, Toronto, Canada.
- s. **Backhaus, S.,** Ibarra, S. Bergquist, T., & Krishnan, K. (October 2014). *Coping Skills Training for Survivors of Brain Injury and Caregivers: A Workshop.* Workshop presented at ACRM 2015 Annual Conference, Dallas, TX.
- t. **Backhaus S,** Ibarra S, Parrott D, Malec J. Comparison of a cognitive-behavioral coping skills group to peer support in a brain injury population. *Archives of Physical Medicine and Rehabilitation.* 2016; 97 (2), 281-291.

**Couples CARE Intervention: Caring and Relating with Empathy after Brain Injury.** The Couples CARE intervention is a small group treatment that was developed to meet the needs of couples after one of them experience a brain injury. The goals of this intervention are to improve satisfaction and adjustment to the relationship and injury, as well as improve communication skills. It was developed on solid theoretical rationale and studies examining different types of intervention to enhance relationships, the most common themes of distress following a brain injury, and what has already been done in the BI field, which was sparse. Based on this need, this investigator developed a novel 16 week group intervention that works with individuals to better understand the 'new relationship' in the context of the brain injury, decrease emotional dysregulation, improve communication approaches, decrease negative exchanges and increase positive exchanges, and improve the friendship, which are all factors known to be negatively affected following a brain injury. As this intervention is fairly new, the investigators have spent some time conducting focus groups, presenting at workshops on improving relationship skills and collecting data on needed interventions, and obtained state funding to conduct a pilot feasibility study, as well as randomized controlled clinical trial comparing those who participate in this intervention to those who receive a 'treatment as usual' group. Findings from these two studies were extremely promising and lend hope for conducting future replication studies and including a greater number of individuals.

- a. Neumann D, **Backhaus S,** Tsaousides T, Stjskal T. Hammond F. (September 2012). *Help me, Help you. Learn how to build better relationships after brain injury. Caregiver Conference. Carolinas Rehabilitation, NC.*
- b. Neumann D, **Backhaus S,** Ibarra S. Tsaousides T, Hammond F. (September 2014). *Help me, Help you. Learn how to build better relationships after brain injury. Caregiver Conference. Indianapolis, IN.*
- c. **Backhaus S,** Neumann D, Parrot D, Hammond F, Brownson C, Malec J. (March 2014). *Examining of the Couples CARE intervention. A feasibility study.* Oral presentation at the Tenth World Congress on Brain Injury, San Francisco, California.
- d. **Backhaus S.,** Neumann D, Parrot D. Hammond F, Brownson C, and Malec, J.F. Examination of an Intervention to Enhance Relationship Satisfaction after Brain Injury: A Feasibility Study. *Brain Injury.* May 2016; 30(8):975-85.
- e. Neumann D, **Backhaus S,** Ibarra S. Tsaousides T, Hammond F. (September 2018). *Help me, Help you. Learn how to build better relationships after brain injury. Caregiver Conference. Indianapolis, IN.*
- f. **Backhaus S.,** Neumann D, Parrot D. Hammond F, Brownson C, and Malec, J.F. (2019). Investigation of a New Couples Intervention for Individuals with Brain Injury: A Randomized Controlled Trial. *Archives of Physical Medicine and Rehabilitation.* DOI: <https://doi.org/10.1016/j.apmr.2018.08.174>, February 2019; 100 (2): 195-204.

**Please note the vast number of professional lectures completed are not included in this Vitae.**

**Other Publications:**

- a. June, H.L., Duemler, S.E., Greene, T.L., Williams, J.A., Lin, M., **Devaraju, S.L.**, Chen, S.H.A., Lewis, M.J., and Murphy, J.M. (1995). Effects of the benzodiazepine inverse agonist RO19-4603 on the maintenance of tolerance to a single dose of ethanol. Journal of Pharmacology and Experimental Therapeutics, Vol. 274, No.3, p. 1105-1112.
- b. June, H.L., Braun, M., Cason, C., Torres, L., **Devaraju, S.**, Leveige, T. and Murphy, J.M. (1996). The effects of RO16-6028 (Bretazenil), RO41-7437, and RO42-8773 in alcohol-preferring (P) and nonpreferring (NP) rats. Behavioral Psychopharmacology.
- c. June, H.L., **Devaraju, S.L.**, Williams, J., Cason, C.R., Eggers, M.W., Greene, T.L., Leveige, T., Torres, L., Braun, M.R., & Murphy, J.M. (1998) GABAergic modulation of the behavioral actions of ethanol in alcohol-preferring (P) and nonpreferring (NP) rats. European Journal of Pharmacology, 342, 139-151.
- d. **Devaraju-Backhaus, S.** (2000). Block Design and Comprehension of the WAIS-III. In C.J. Golden, P. Espe-Pfeifer, & J. Wachsler-Felder (Eds.). Neuropsychological Interpretation of Objective Psychological Tests. New York: Kluwer Plenum. Academic Publishing.
- e. Vayalakkara, J., **Devaraju-Backhaus, S.**, Bradley, J.D. Simco, E.R., & Golden, C. (2000). The abbreviated form of the Wisconsin Card Sorting Test. International Journal of Neuroscience, 103 (1-4), p.131-137.
- f. **Devaraju-Backhaus, S.**, Mahrou, M., Espe-Pfeifer, & Golden, C.J. (2001). Correlation of the LNNB-III with the WAIS-III in a mixed psychiatric and brain-injured population. International Journal of Neuroscience, 111 (3-4), p. 235-240.
- g. **Devaraju-Backhaus, S.** (2001). Frontal lobe disease in older adults. In Encyclopedia of Aging.
- h. **Backhaus, S. (2010). Traumatic Brain Injury.** In Encyclopedia of Clinical Neuropsychology. New York: Springer.
- i. **Backhaus, S.**, Fichtenberg, N., & Hanks, R. (2004). Detection of sub-optimal performance using a floor effect method in patients with traumatic brain injury, The Clinical Neuropsychologist, 18 (4), p. 591-603.
- j. **Backhaus, S.** (2015). *Effective Psychotherapy for Individual with Brain Injury: A review*. Archives of Clinical Neuropsychology

**OTHER SCIENTIFIC PRESENTATIONS** *Provided numerous lectures, presentations, symposiums, and in-services to clinicians working in trauma centers, rehabilitations hospitals, medical students, and therapists. The following presentations are only some highlights.*

- a. **Backhaus, S.L.** & Hanks, R. Managing stress after brain injury. (June 2003) Brain Injury Association of Michigan Conference
- b. **Backhaus, S.L.**, Detection of Malingering. Brain Injury Association of Indiana Conference, October 2005.
- c. **Backhaus, S.**, & Ibarra, S. (2006, September). *Depression in Traumatic Brain Injury Survivors and Caregivers*. Symposium presented at Brain Injury Association of Indiana's Annual Conference, Indianapolis, IN.
- d. Ibarra, S., & **Backhaus, S.** (2006, September). *Educating Survivors of Traumatic Brain Injury and Their Caregivers on the Signs of Depression and Suicide*. Symposium presented at Brain Injury Association of Indiana's Annual Conference, Indianapolis, IN.

- e. Beebe, D., **Backhaus, S.L.**, & Eberle, R. Strategies for developing the right supports for the right job following TBI. (October 2007). Brain Injury Association of Indiana Conference.
- f. **Backhaus, S.L.** Coping with Role Changes: How to keep the family going. (October 2007). Brain Injury Association of Indiana Conference.
- g. **Backhaus, S.L.** Depression following traumatic brain injury. (August 2007). Invited lecture at the *Norwegian Sunnas Rehabilitation Center in, Oslo, Norway.*
- h. **Backhaus, S.** The Healthy Brain and Effects of Brain Injury. IN-ABC Conference. Indianapolis, Indiana. October 2008
- i. **Backhaus, S.L.** Prevention of secondary challenges following brain injury: Who are at risk? Brain Injury Association of Indiana Conference, September 2008.
- j. **Backhaus, S.L.** Attention: Implications for Rehabilitation. Rehabilitation Hospital of Indiana. 2008.
- k. Ibarra, S., **Backhaus, S.**, Trexler, L., & Klyce, D. (2008, October). *The Relationship Between Coping Styles, Problem-Solving, and Emotional Functioning in Individuals with Brain Injuries and their Caregivers.* Poster presented at American Congress of Rehabilitation Medicine, Toronto, Canada.
- l. Trexler, L., Klyce, D., Ibarra, S., & **Backhaus, S.** (2008, October). Psychological Adjustment and Coping and Problem Solving Styles Correlates of Satisfaction with Life for Caregivers and Survivors of Traumatic Brain Injury (TBI). Poster presented at American Congress of Rehabilitation Medicine, Toronto, Canada.
- m. **Backhaus, S.**, & Ibarra, S. (2008, October). *Secondary Effects of Brain Injury: Who's at Risk?* Symposium presented at Brain Injury Association of Indiana Annual Conference, Indianapolis, IN.
- n. **Backhaus, S.L.** Managing emotional and suicidal patients. Contemporary Forums: Brain Injury. March 2009.
- o. Ibarra, S., **Backhaus, S.**, Cappa, K., & Parrott, D. (2010, October). *Social Problem Solving Orientation and Style as Predictors of Community Participation Following Brain Injury.* Poster presented at 2010 ACRM-ASNR Joint Educational Conference – American Congress of Rehabilitation Medicine / American Society of Neurorehabilitation, Montreal, Canada
- p. **Backhaus, S.**, Ibarra, S., Parrott, D., Malec, J. (2010, October). *Identifying Aspects of Neurobehavioral Dysfunction in Persons with Brain Injury: Relationships to Caregiver Distress and Perceived Burden.* Poster presented at 2010 ACRM-ASNR Joint Educational Conference – American Congress of Rehabilitation Medicine / American Society of Neurorehabilitation, Montreal, Canada.
- q. Ibarra, S., **Backhaus, S.** Parrott, D., & Steffen, F. (2011, November). *Neurobehavioral functioning as a mediator of emotional functioning and social problem solving in individuals with brain injury.* Poster presented at the National Academy of Neuropsychology Marco Island, FL.
- r. Ibarra, S., **Backhaus, S.**, & Parrott, D. (2011, October). *Relationships Between Social Problem Solving and Neurobehavioral Functioning in a Brain Injury Population.* Poster presented at the ACRM - ASNR 2011 Annual Conference, Atlanta, GA.
- s. **Backhaus, S.L.** (2011, June). The Neuro Rehab Center: A Holistic Neurorehabilitation Program. Symposium. Washington, D.C., TBI Federal Interagency Conference.

**Abstract Publications:**

Pospisil, T., Selden, J., Michaels, D., **Devaraju-Backhaus, S.**, & Golden, C.J. (2001). Factor analysis of attentional tests in ADHD. Archives of Clinical Neuropsychology, 16, 783.

**Devaraju-Backhaus, S.**, Selden, J., Pospisil, T., Espe-Pfeifer, P., Mahrou, M.L., Todd, M.E., & Golden, C.J. (2000). Consistency of neuroradiological and neuropsychological results in a memory disorder population. Archives of Clinical Neuropsychology, 15(8), 731-732.

Bradley, J.D.D., **Devaraju-Backhaus, S.**, Kimmel, H., Mahrou, M., Espe-Pfeifer, P., Michael D.D., & Golden, C.J. (2000). Testing formats and the underestimation of achievement in ADHD children. Archives of Clinical Neuropsychology, 15 (8).

Espe-Pfeifer, P., Mahrou, M.L., **Devaraju-Backhaus, S.**, Greene, L., Mleko, A., Escalona, A., & Golden, C.J. (2000). Sustained attention in neuropsychological batteries: Correlation of the LNNB-III with the TOVA. Archives of Clinical Neuropsychology, 15(8), 784-785.

Mahrou, M.L., **Devaraju-Backhaus, S.**, Espe-Pfeifer, P., Dornheim, L., & Golden, C.J. (2000). Correlation of the WMS-III and measures of executive functioning. Archives of Clinical Neuropsychology, 15(8), 681.

**Devaraju-Backhaus, S.**, Bradley, J.D.D., Kimmel, H., Mahrou, M.L., Espe-Pfeifer, P., Michael, D., & Golden, C.J. (2000). Examination of the severity of cognitive symptoms in ADHD children using the LNNB-III. Archives of Clinical Neuropsychology, 15(8), 782.

Marsh, J., Espe-Pfeifer, P., Mahrou, M.L., **Devaraju-Backhaus, S.**, Greene, L., Escalona, A., Mleko, A., & Golden, C.J. (2000). Parent-teacher rating reliability of the CBCL and Conners in neuropsychology. Archives of Clinical Neuropsychology, 15(8).

Selden, J., Pospisil, T., Mahrou, M.L., Espe-Pfeifer, P., **Devaraju-Backhaus, S.**, & Golden, C.J. (2000). Factor analysis of the WRAT-3, WRAML, & PIAT-R in a pediatric neuropsychological population. Archives of Clinical Neuropsychology, 15(8), 788.

Green, L., Mahrou, M., Espe-Pfeifer, P., Escalona, A., Mleko, A., **Devaraju-Backhaus, S.**, Marsh, J. & Golden, C.J. (2000). Correlation of the TOVA with the WISC-III. Archives of Clinical Neuropsychology, 15(8), 785.

Escalona, A., Mahrou, M., Espe-Pfeifer, Mleko, A., Greene, L., **Devaraju-Backhaus, S.**, Marsh, J., & Golden, C.J. (2000). Relationship between the PIC constructs and the TOVA. Archives of Clinical Neuropsychology, 15(8).

Mleko, A., Espe-Pfeifer, P., Mahrou, M., Escalona, A., Greene, L., **Devaraju-Backhaus, S.**, Marsh, J., & Golden, C.J. (2000). The trail making test as a measure of sustained attention in children. Archives of Clinical Neuropsychology, 15(8), 786-787.

**Devaraju-Backhaus, S.**, Bradley, J.D.D., Kimmel, H., Espe-Pfeifer, P., Mahrou, M.L., Michael, D., & Golden, C.J. (August 2000). Correlation between behavioral reports and neuropsychological performance in ADHD children. The Clinical Neuropsychologist, 14(2), 248-249.

**Devaraju-Backhaus, S.**, Espe-Pfeifer, P., Mahrou, M.L., Dornheim, L., Proctor-Weber, Z., Calabria, M., & Golden, C.J. (November 1999). Factor analysis of the LNNB-III in a pediatric neuropsychological population. Archives of Clinical Neuropsychology: Abstracts, 14(8), 673.

**Devaraju-Backhaus, S.**, Mahrou, M.L., Espe-Pfeifer, P., Bradley, J.D.D., Calabria, M., Proctor-Weber, Z., & Golden, C.J. (November 1999). Examination of the concurrent validity of the LNNB-III achievement subtests. Archives of Clinical Neuropsychology Abstracts, 14(8), 673.

Mahrou, M.L., Espe-Pfeifer, P., **Devaraju-Backhaus, S.**, Pospisil, T., and Golden, C.J. (November 1999). Factor structure of selected frontal lobe measures in children. Archives of Clinical Neuropsychology: Abstracts, 14(8), 696-697

Mahrou, M.L., **Devaraju-Backhaus, S.**, Espe-Pfeifer, P., Dornheim, L., & Golden, C.J. (November 1999). Correlation of the LNNB-III with the WISC-III. Archives of Clinical Neuropsychology: Abstracts, 14(8), 674.

Espe-Pfeifer, P., **Devaraju-Backhaus, S.**, Mahrou, M.L., Dornheim, L., Proctor-Weber, Z., King, J.A., Jalazo, M., Calabria, M., Selden, J., Sanders, C., & Golden, C.J. (November 1999). Frontal lobe functioning in



children with attention deficit hyperactivity disorder. Archives of Clinical Neuropsychology: Abstracts, 14(8), 693.

Espe-Pfeifer, P., Mahrou, M.L., **Devaraju-Backhaus, S.**, Dornheim, L., Proctor-Weber, Z., Calabria, M., & Golden, C.J. (November 1999). Discriminate validity of the WRAML in learning disabled children. Archives of Clinical Neuropsychology: Abstracts, 14(8), 701.

Jalazo, M., Sanders, C., Espe-Pfeifer, P., Bradley, J.D.D., Mahrou, M.L., **Devaraju-Backhaus, S.**, Dornheim, L., Proctor-Weber, Z., Calabria, M., Selder, J., Pospisil, T. King, J., & Golden, C.J. (November 1999). Evaluating problem solving efficiency in school-aged children with attention deficit hyperactivity disorder. Archives of Clinical Neuropsychology: Abstracts, 14(8), 693-694.

Dornheim, L., Espe-Pfeifer, P., Mahrou, M., **Devaraju-Backhaus, S.**, & Golden, C.J. (November 1999). Gender ethnicity and handedness regarding the LNNB-III performance in children. Archives of Clinical Neuropsychology: Abstracts, 14(8), 715.

Willen, L., Espe-Pfeifer, P., **Devaraju-Backhaus, S.** Mahrou, M, Michael, D., Golden, C.J., & Burns, J. (November 1999). Analysis of attention and learning in attention deficit hyperactivity and learning disabled children. Archives of Clinical Neuropsychology: Abstracts, 14(8), 691.

**Devaraju-Backhaus, S.**, Mahrou, M., Espe-Pfeifer, P., Dornheim, L., Calabria, M., & Golden, C. J. (August 1999). Comparison of the Halstead-Reitan Battery with the LNNB-III. The Clinical Neuropsychologist, 13 (2), 224-225.

Broek, A.V.D., **Devaraju-Backhaus, S.**, & Golden, C.J. (November 1998). Discriminate ability of the WCST raw and factor scores in children. Archives of Clinical Neuropsychology.

Broek, A.V.D., **Devaraju-Backhaus, S.**, & Golden, C.J. (November 1998). Factor analysis of the WCST on a clinical population of children. Archives of Clinical Neuropsychology.

June, J.L., **Devaraju, S.** Williams, J., & Murphy, J.M. (1994). The benzodiazepine antagonist GCS-8216 exerts prolonged and selective attenuation of ethanol intake in alcohol-preferring (P) rats. Society for Neuroscience: Abstracts, Vol. 20, p.455.

### ***Presentations:***

**Backhaus, S.**, Fichtenberg, N., & Hanks, R. (2003). Examination of the Floor Effect Method in the Detection of Sub-optimal Performance in a Traumatic Brain Injury Sample. Poster presented at 32<sup>nd</sup> Annual Meeting of the International Neuropsychological Society in Baltimore, Maryland, USA February 4 – 7, 2004.

**Devaraju-Backhaus, S.**, Selden, J., Pospisil, T., Mahrou, M., Espe-Pfeifer, P., Michael, D., Golden, C.J. (2001). Are Presumed Measures of Attention Reliable Measures of this Construct? Poster presented at the 109<sup>th</sup> annual convention of the American Psychological Association, San Francisco, CA.

Selden, J., Pospisil, T., **Devaraju-Backhaus, S.** Bradley, J., Michael, D., & Golden, C.J. (2001). Examination of Constructs Measured by Parental Report. Poster presented at the 109<sup>th</sup> annual convention of the American Psychological Association, San Francisco, CA.

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Vayalakra, J., **Devaraju-Backhaus, S.,** Bradley, J., & Golden C.J. (1998). Abbreviated Form of the Wisconsin Card Sorting Test. Poster Presentation at the annual convention of the American Psychological Association. San Francisco, California; August, 1998.

**Devaraju, S.,** Williams, J.A., June, H.L., & Murphy, J.M. (November 1994). The behavioral effects of benzodiazepine receptor ligands and their interaction with ethanol in alcohol-preferring (P) and non-preferring (NP) rats. National Neuroscience Meeting, Miami Beach, FL.

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**Devaraju, S., Williams, J.A., June, H.L., & Murphy, J.M. (1994).** The benzodiazepine antagonist GCS-8216 exerts prolonged and selective attenuation of ethanol intake in alcohol-preferring (P) rats. 13th Annual Mid-America Undergraduate Psychology Research Conference; University of Southern Indiana, Evansville, Indiana, April 9, 1994.

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**TEACHING EXPERIENCES**

- 2003**                      **Guest Lecturer**  
**Wayne State University Department of Vocational Rehabilitation**
- 1998 to 1999**              **Professor of Psychology**  
**Course: General Psychology**  
**Broward Community College**
- 1998**                        **Professor of Psychology**  
**Course: Child and Adolescent Psychology**  
**Broward Community College**
- 8/95 to 5/97**              **Teaching Assistant**  
**University of Colorado at Colorado Springs**  
**Course: Introductory Psychology**
- 9/96 and 11/96**            **Guest Lecturer**  
**University of Colorado at Colorado Springs**  
**Course: Adult Psychopathology (Graduate level course)**
- 9/96 and 11/96**            **Guest Lecturer**  
**University of Colorado at Colorado Springs**  
**Course: Learning and Cognition**