

# **Shelley C. Heaton, Ph.D.**

## **CURRICULUM VITAE**

### **OFFICE ADDRESS & CONTACT INFORMATION**

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University of Florida  
Department of Clinical & Health Psychology  
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### **PROFESSIONAL INTEREST AREAS**

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- Childhood Neurological Disorders
- Child & Adult Traumatic Brain Injury (TBI)
- Biomarkers of Central Nervous System Injury
- Childhood Developmental Disorders
- Attention Deficit Hyperactivity Disorder (ADHD)
- Attention & Memory Functions

### **AREAS OF CLINICAL PRACTICE**

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- Pediatric Neuropsychology
- Cognitive Rehabilitation
- Forensic Services & IMEs
- Acquired Brain Injury & TBI
- Counseling/Psychotherapy
- Developmental Disorders

### **PROFESSIONAL AFFILIATIONS** (renewed through)

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- Children's Oncology Group (COG) – Associate Member since 7/2008
- American Psychological Association - Division 40 (1/30/2010)
- International Neuropsychological Society (12/31/2009)
- Florida Brain Injury Association
- International Neurotrauma Society

### **EDUCATION AND EMPLOYMENT HISTORY**

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<b>Clinical Assistant Professor</b> 07/01/2008-current	University of Florida, Department of Clinical & Health Psychology College of Public Health and Health Professions
<b>Program Director</b> 2002-current	Pediatric Traumatic Brain Injury Outcomes Program College of Public Health and Health Professions
<b>Assistant Professor</b> 11/15/2003-6/30/2008	University of Florida, Department of Clinical & Health Psychology College of Public Health and Health Professions
<b>Visiting Assistant Professor</b> 2002-2003	University of Florida, Department of Clinical & Health Psychology College of Health Professions <u>Mentor:</u> Eileen Fennell, Ph.D., ABPP/CN <u>Specialization:</u> Pediatric Neuropsychology
<b>Post-doctoral Training</b> 2001-2002	University of Florida, Department of Clinical & Health Psychology Center for Brain Injury Studies, McKnight Brain Institute of UF <u>Mentor:</u> Eileen Fennell, Ph.D., ABPP/CN <u>Specialization:</u> Pediatric Neuropsychology
<b>Clinical Internship</b> 2000-2001	University of Florida, Department of Clinical & Health Psychology APA-Accredited Clinical Internship <u>Specialization:</u> Neuropsychology

**(Continuation of EDUCATION AND EMPLOYMENT HISTORY)**

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<b>Doctor of Philosophy</b> 1995-2001	University of California, San Diego/San Diego State University APA-Accredited Program in Clinical Psychology <u>Ph.D. Conferred:</u> September, 2001 <u>Specialization:</u> Neuropsychology <u>Dissertation Title:</u> The Utility of Education Corrections for Interpreting Neuropsychological Performance in Schizophrenia
<b>Clinical Data Manager</b> 1993-1995	Geriatric Psychiatry Intervention Research Center <u>Employer:</u> VA Hospital/University of California, San Diego <u>Research Areas:</u> Assessment, Late-life Psychosis, and Schizophrenia
<b>Bachelor of Arts</b> 1989-1993	Occidental College, Los Angeles, CA <u>Major:</u> Psychology <u>B.A. Conferred:</u> June 1993
<b>Undergraduate Research Assistant</b> 1992	California School for Professional Psychology <u>Research Areas:</u> Schizophrenia, Neuropsychology <u>Supervisor:</u> Julia Kuck, Ph.D.
<b>Undergraduate Research Assistant</b> 1991-1992	University of California, San Diego <u>Research Area:</u> Schizophrenia, Genetic Markers <u>Supervisor:</u> Brett Clementz, Ph.D.

**LICENSING & CERTIFICATIONS (renewed through)**

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- Clinical Psychologist Florida License #PY-7145 (issued 6/23/2005; renewed through 5/31/2010)
- Bloodborne Pathogens Training (09/01/2010)
- UF Health Information Policy Confidentiality Statement (2/13/2009)
- UF IRB HIPAA for Researchers Training (2/13/2010)
- TB Test (11/01/2008)
- UF IRB HIPAA 102A Annual Review and What's New Training (issued 3/5/2007)
- UF IRB HIPAA 101 Medical Privacy Rule Training (issued 3/7/2003)
- UF IRB HIPAA 102 Annual Review and Knowledge Test (issued 3/30/2004)

**AWARDS & HONORS**

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<b>2009</b>	Hugh C. Davis Award for Dedication to & Excellence in Clinical Supervision
<b>2004-2008</b>	<i>Nominee</i> Hugh C. Davis Award for Dedication to & Excellence in Clinical Supervision ('08) <i>Nominee</i> Audrey Schumacher Award for Excellence in Classroom Teaching ('08) <i>Nominee</i> University of Florida Faculty Mentor Research Award ('04 & '07)
<b>1992</b>	Dean's List, University of California, San Diego
<b>1990-1991</b>	Dean's List, Occidental College
<b>1989-1992</b>	Academic Scholarship, Occidental College

## **UNIVERSITY & PROFESSIONAL SERVICE**

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<b>Committee Member, UF DRC</b> 2009-current	Math/Foreign Language Substitution Committee (3 member committee) Appointed by the UF Disability Resource Center (DRC)
<b>Chair, APA Division 40 PIAC</b> 2008-2011	Chair of Div 40 Public Interest Advisory Committee (PIAC) Appointed by APA Division 40 President (Dr. Hammeke)
<b>Liaison, APA Division 40 Liaison</b> 2005-2008	Div 40 Liaison to the APA Committee on Youth, Families, & Children Appointed by APA Division 40 President (Dr. Yeates)
<b>Mentor, UF McNair Scholars</b> 2006	UF McNair Post Baccalaureate Achievement Program, University of FL Student: Geoffrey Silvera
<b>Minority Mentor, UF</b> 2004-2005	University Minority Mentor Program, University of FL Student: Melissa Francois
<b>Committee Member, UF HSC</b> 2004-2006	Health Science Center Sexual Harassment Committee, University of FL
<b>Conference Program Committee</b>	2005 & 2006 International Neuropsychological Society Program Comm. 2006 Child Health Conference Program Committee

## **EDITORIAL ACTIVITIES**

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### **Consulting Editor (2006 – current)**

- Child Neuropsychology (CN; Previously served as invited reviewer from 2002-2006)

### **Invited Book Reviewer (2009 – current)**

- Journal of the International Neuropsychological Society (JINS)

### **Invited Reviewer (2002 - current)**

- Journal of Clinical & Experimental Neuropsychology (JCEN)
- The Clinical Neuropsychologist (TCN)
- Archives of Physical Medicine and Rehabilitation (APMR)
- Journal of Pediatric Psychology (JPP)
- Journal of the International Neuropsychological Society (JINS)
- Journal of Abnormal Child Psychology (JACP)

**MENTORING ACTIVITIES – DOCTORAL (UF)**

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*Dissertation Committees*

Student	Role	Status (degree date)	Title
Will Watson	Chair	<i>(Proposed 9/09)</i>	<i>Predicting Outcome after Severe Traumatic Brain Injury</i>
Sarah McCann	Chair	<i>(Proposed 9/08)</i>	<i>The role of executive functions in academic achievement of children with prenatal cocaine exposure.</i>
Cara Kimberg	Chair	Defended (7/17/09)	<i>The block- building invariance test (b-bit.): Quantifying invariance through operationalized play.</i>
Pey-Shan Wen	Ext. Member	Defended (4/17/09)	<i>A computer adaptive measure of functional cognition for TBI.</i>
Susan Bongiolatti	Member	Defended (10/3/08)	<i>Attention, learning, and daytime behavior in children with epilepsy and sleep disordered breathing.</i>
Andrew Preston	Member	Defended (8/14/07)	<i>Attention, memory &amp; self-concept in adolescents with spina bifida.</i>
Melanie Fernandez	Member	Defended (8/14/07)	<i>Predicting treatment and follow-up attrition in parent-child interaction therapy (PCIT).</i>

*Master's Thesis Committees*

Student	Role	Status (degree date)	Title
Lindsey Boegehold	Chair	Defended (2/19/08)	<i>The pattern of attentional functioning after pediatric TBI.</i>
Will Watson	Chair	Defended (5/5/07)	<i>Prediction of reading comprehension performance on the FCAT in a dyslexic population.</i>
Sarah McCann	Chair	Defended (5/5/07)	<i>Executive functions of children with reading disability.</i>
Cara Kimberg	Chair	Defended (5/6/06)	<i>Attentional profile of childhood autism spectrum disorder: Is it different from that seen in ADHD?</i>
Marie Schroder	Chair	Defended (4/30/05)	<i>Memory functioning after pediatric traumatic brain injury.</i>
Rhea Chase	Member	Defended (4/30/05)	<i>Parent-child interaction therapy for children with comorbid externalizing and internalizing symptoms.</i>
Utaka Springer	Member	Defended (4/30/05)	<i>Differences in psychophysiological reactivity to static and dynamic displays of facial emotion.</i>
Sally Jensen	Member	Defended (4/30/05)	<i>The relationship between perceived stress, sleep quality, and diurnal cortisol in endometrial cancer patients: A pilot study.</i>
Katie Rickel	Member	Defended (4/30/05)	<i>The influence of participant preference in perceived difficulty on exercise adherence.</i>
Lisa Ingerski	Member	Defended (4/30/05)	<i>Impact of pediatric obesity on quality of life.</i>
Ashley Butler	Member	Defended (4/30/05)	<i>Examination of the Eyberg Child Behavior Inventory with African American preschool-age children.</i>

**MENTORING ACTIVITIES – UNDERGRADUATE (UF)**

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**Senior Thesis – Mentor & Research Supervisor**

<b>2009-2010</b>	<b><u>Student:</u></b> Michelle Solan <b><u>Awarded:</u></b> Pending (5/10)	<b><u>Title:</u></b> Role of Motor & Processing Speed in TBI Attentional Impairment <b><u>Recent Placement:</u></b> TBA (current UF undergraduate)
<b>2008-2010</b>	<b><u>Student:</u></b> Allison Greenfeder <b><u>Awarded:</u></b> Pending (5/10)	<b><u>Title:</u></b> Relationship Between Acute Coma Measures & Outcome in TBI <b><u>Recent Placement:</u></b> TBA (current UF undergraduate)
<b>2007-2008</b>	<b><u>Student:</u></b> Amy Susskind, B.S. <b><u>Awarded:</u></b> Highest Honors, May 2007 & Research Award Recipient	<b><u>Title:</u></b> Social Skills Group Therapy for Children with ADHD <b><u>Recent Placement:</u></b> UF Occupational Therapy graduate program
<b>2005-2006</b>	<b><u>Student:</u></b> Stephanie Reed, B.S. <b><u>Awarded:</u></b> Highest Honors, May 2006	<b><u>Title:</u></b> <b><u>Recent Placement:</u></b> Attending Medical School
	<b><u>Student:</u></b> Shoshana Hacker, B.S. <b><u>Awarded:</u></b> Highest Honors, May 2006	<b><u>Title:</u></b> <b><u>Recent Placement:</u></b> Attending Medical School
<b>2003-2004</b>	<b><u>Student:</u></b> Jennifer Gustafson, B.S. <b><u>Awarded:</u></b> Highest Honors, May 2004	<b><u>Title:</u></b> Attentional Skills in Peds ADHD & TBI: Comparison of TEA-Ch Performance <b><u>Recent Placement:</u></b> Working at the National Institutes of Health (NIH)
<b>2002-2003</b>	<b><u>Student:</u></b> Sarah Gordon, J.D. <b><u>Awarded:</u></b> Highest Honors, May 2003	<b><u>Title:</u></b> Alternative Scoring Methods for the Code Transmission Subtest of the TEA-Ch <b><u>Recent Placement:</u></b> New York University – Law School
	<b><u>Student:</u></b> David Gribbins, M.S. <b><u>Awarded:</u></b> Highest Honors, May 2003	<b><u>Title:</u></b> Comparison of Conners' CPT Eds: Effectiveness Classifying Childhood ADHD <b><u>Recent Placement:</u></b> Graduate of UF School Psychology M.S. Program
	<b><u>Student:</u></b> Lindsay McCalister, M.S. <b><u>Awarded:</u></b> Highest Honors, May 2003	<b><u>Title:</u></b> Assessing ADHD in Children: The Predictive Abilities of Three Different Tests <b><u>Recent Placement:</u></b> Graduate of UF Clinical Psychology M.S. Program
<b>2001-2002</b>	<b><u>Student:</u></b> Olivia Puyana, M.S.. <b><u>Awarded:</u></b> Highest Honors, April 2002	<b><u>Title:</u></b> Selective & sustained attention: A comparison of children with ADHD & controls <b><u>Recent Placement:</u></b> Graduate of UCF School Psychology M.S. Program
	<b><u>Student:</u></b> Nicole Gill, B.A. <b><u>Awarded:</u></b> Highest Honors, April, 2002	<b><u>Title:</u></b> Comparison of ADHD Subtypes and Performance on the TEA-Ch and CPT <b><u>Recent Placement:</u></b> Georgia State U - Psychology Master's Program

**RESEARCH & CLINICAL GRANTS**

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- 2009-Current**  
Clinical Contract  
15% effort  
Funding Agency: The State of Florida  
Project Title: ADHD Multidisciplinary Program  
Project Type: Clinical Contract (ongoing) Role: Program Staff
- 2006-Current**  
NIH RO1  
25% effort  
Funding Agency: National Institute of Neurological Disorders and Stroke (NINDS)  
Project Title: Biochemical Markers of Traumatic Brain Injury  
Project Type: R01 (3/06-3/11) Total Funding: \$5.8 mill. Role: Investigator (PI: Dr. Hayes)
- 2009-Current**  
Research Consultant  
Project Title: Chronic Kidney Disease in Children (CKiD) Prospective Cohort Study  
Project Type: Grant Role: Consultant (PI: Dr. R. Fennell)
- 2009-Current**  
Research Consultant  
Project Title: CoQ10 Clinical Trail for Pediatric Mitochondrial Disorders  
Project Type: Grant Role: Consultant (PI: Dr. Stackpoole)
- 2008-Current**  
Clinical Research Contract  
Funding Agency: The Blue Foundation for a Healthy Florida  
Project Title: Improving Patient Care: Providing Psychology Services to Pediatric Pulmonary Families  
Project Type: Clinical Contract (1/07-12/09) Total Funding: \$99,797 Role: PI
- 2006-2008**  
Funding Agency: Glaxo SmithKline (GSK)  
Project Title: Developing a Computerized Adaptive Cognitive Measure for Stroke  
Project Type: Contract Role: Investigator (PIs: Drs. Velozo/Duncan)
- 2004-2008**  
Funding Agency: National Institute of Child Health & Human Development (NICHD)  
Project Title: Developing a Computer Adaptive TBI Cognitive Measure  
Project Type: R21 Total Funding: \$254,410 Role: Co-PI (w/ Dr. Velozo)
- 2004-2005**  
Funding Agency: Florida Developmental Disabilities Council, Inc. (FDDC)  
Project Title: Importance of Neuropsychological Services for Indiv. w/Disabilities  
Project Type: State Contract Total Funding: \$53,330 Role: Co-PI (w/Dr. Fennell)
- 2003-2005**  
Funding Agency: National Institute of Child Health & Human Development (NICHD)  
Project Title: Outcome of Therapeutic Hypothermia in Pediatric Arrest  
Project Type: R21 Total Funding: \$200,000 Role: Co-PI (w/Dr. Zaritsky)
- 2003-2005**  
Funding Agency: Brain & Spinal Cord Injury Research Trust Fund (BSCIRTF)  
Project 1 Title: Biomarkers of Brain Pathology in Adult Patients with TBI  
Project 2 Title: Advanced Neuro-monitoring & Surrogate Markers of TBI in Children  
Project Type: Internal Agency Role: Co-Investigator (PIs: Drs. Pineda & Lewis)
- 2001-2005**  
Funding Agency: Brain & Spinal Cord Injury Research Trust Fund (BSCIRTF)  
Project Title: Predicting Memory Disorders from Attentional Dysfunction in Pediatric TBI  
Project Type: Internal Agency Role: Co-PI (w/Dr. Fennell)
- 2002-2005**  
Funding Agency: Dept of Pediatrics & General Clinical Research Center, UF  
Project Title: Effects of Methylphenidate on Attention, Memory, and Emotion in Children with ADHD: A Double-Blind, Placebo-Controlled Study  
Total Funding: \$5,000 Role: PI
- 2002**  
Funding Agency: Center for Pediatric Psychology & Family Studies, U of Florida  
Project Title: Evaluating Attentional Skills in Children Using the Test of Everyday Attention for Children (TEA-Ch)  
Total Funding: \$500 Role: PI (student: Steve Reader)
- 1996**  
Funding Agency: Sam & Rose Stein Institute for Research on Aging (SIRA), UCSD  
Project Title: Neuropsychology Performance Patterns in Late-Life Schizophrenia  
Total Funding: \$11,000 Role: PI

## **GRADUATE TEACHING**

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**Next Taught: Spring '10**

**Co-Instructor – CLP 6430: Clinical Assessment Across the Lifespan**

**Course Description:** This is a required course for doctoral students within the Clinical & Health Psychology Doctoral Program. This introductory course focuses on objective measures used in the assessment of child, adolescent and adult patients. It is designed to cover major domains of assessment across the lifespan. It is also designed to provide students with a number and variety of observational experiences in the Psychology Clinic throughout the semester. The goal is to provide students with both didactic information and clinical experiences that will prepare them for subsequent required practica experiences in the Psychology Clinic. This course covers assessment methods in the areas of personality, mood, behavior, cognitive functioning and development. This course also provides direct training in the administration and interpretation aspects of many commonly used measures and tests.

**Last Taught: Fall '09**

**Instructor – CLP 7427: Child Neuropsychology**

**Course Description:** This is an elective course offered to advanced doctoral students within the Clinical & Health Psychology Doctoral Program. This course is designed to provide an introduction to the area of Child Neuropsychology. Child or Pediatric Neuropsychology is a specialized area of research and clinical practice. It is based upon both the understanding of normal development and upon familiarity with disorders of development that affect children and adolescents. The goal of this course is to provide a firm foundation in the normal development of the nervous system and of cognitive abilities. The course will then be focused on a variety of disorders that can arise in childhood and which result in deviations in the patterns of normal development. Upon completing the course, students are expected to have developed an appreciation of the many varieties of problems in cognition, behavior and emotion that can arise when normal development is disrupted by congenital or acquired brain disorders. The course also offers an overview of methods used to assess a child's cognitive and emotional functioning.

**Last Taught: Spring '09**

\* Developed Doctoral Course

**Instructor – CLP 7934: TBI Across the Lifespan: Assessment and Management**

**Course Description:** This is an elective course that has been developed by Dr. Heaton and is offered to doctoral students within the Clinical & Health Psychology program, as well as doctoral students in the allied health professions within the College of Public Health & Health Professions. This course covers many aspects of traumatic brain injury (TBI), including epidemiology of the condition, mechanisms of injury (both primary and secondary), outcome (behavioral, emotional & cognitive), assessment and treatment. Both adult and pediatric populations are covered, as well as discussion about the role of development in outcome presentation and assessment. Variables affecting outcome, such as injury characteristics, family factors and pre-injury risk factors are reviewed. Common outcome assessment methods are presented, including those employed during both the acute and chronic stages of recovery. Particular focus is given to neuropsychological assessment of the cognitive sequelae seen in traumatic brain injury. This course is presented from a multidisciplinary perspective, with speakers from a wide range of professions and specialties that work with TBI patients. Direct/indirect clinical experiences are built into the course to augment lectures and readings.

**Last Taught: Summer '09**

**Instructor – CLP 6307: Human Higher Cortical Functions**

**Course Description:** This course introduces students to human brain-behavior relationships and other topics relevant to the biological basis of complex behavior. It is designed to introduce the student to normal and abnormal brain functioning from a systems perspective. Cognitive, sensory, motor, and emotional signs, symptoms, and syndromes that arise from various forms of central nervous system disease will be examined and the functional anatomy underlying complex behavior will be described. Classical syndromes in neuropsychology, behavioral neurology, and neuropsychiatry will be presented.

**Last Taught: Spring '05**

**Instructor – CLP 6425: Neuropsychology Symposium Series**

**Course Description:** This graduate level seminar is designed to familiarize students with basic issues and recent advances in clinical neuropsychology through presentation of research topics, clinical cases, and discussion of professional issues. Although varying in specific content, the unifying theme of this seminar is neuropsychology/cognitive neuroscience. The overall aims of this seminar are to provide a forum for: (a) discussion of contemporary neuropsychology research, including that being conducted by faculty and students at the University of Florida, (b) presentation of neuropsychological clinical cases, and (c) discussion of important professional issues in the field of clinical neuropsychology.

## **UNDERGRADUATE TEACHING**

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**Last Taught: 1999**

**Instructor – SDSU Course #270: Statistical Methods in Psychology**

**Course description:** Quantitative methods in psychology. Measures of central tendency and variability, graphic methods and percentiles, linear regression and correlation, applications of the normal probability curve, and an introduction to statistical inference including analysis of variance and chi-square. **Teaching Duties:** Full responsibility for course instruction of 50 undergraduate students at SDSU in 2 sections including course design, lecture preparation and presentation, homework selection, homework grading, test selection and construction, office-hour consultation for students, and grade assignments.

## **DOCTORAL TEACHING - Guest Lectures**

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**2004, 2005**

**Guest Lecturer: Functional Human Neuroanatomy**

Provide annual lecture on Frontal Lobes for course with multidisciplinary student body (approx. 50 students), comprised of graduate students from a variety of health-field professions (including Neuropsychology doctoral students). Instructor: Dr.

**2004**

**Guest Lecturer: ADHD Course**

Guest lecturer for doctoral course in pediatric neuropsychology in the Department of Clinical & Health Psychology at the University of Florida. Lectured on the assessment of ADHD. **Instructor:** Dr. Johnson

**2002**

**Guest Lecturer: Pediatric Neuropsychology Assessment Course**

Guest lecturer for doctoral course in pediatric neuropsychology in the Department of Clinical & Health Psychology at the UF. Lectured on the assessment of ADHD. **Instructor:** Dr. Fennell

## **NATIONAL & INTERNATIONAL SPEAKING**

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**2009 APA Convention**

**Invited Address – Div 40 Session: A Neuropsychological Approach to ADHD**

**Description:** Provided an invited address reviewing the conceptual framework for empirical study and clinical evaluation of the underlying neurodevelopmental bases for the diagnostic expression of ADHD. Discussed the challenges to research in this area and highlighted some novel measurement techniques that allow for more detailed examination of the cognitive processes involved.

**2007 INS Conference**

**Invited Continuing Education Instructor: Exploring the Neuropsychology of ADHD**

**Description:** This course reviewed selected neuropsychological models of ADHD, recent research examining patterns of cognitive deficits, and explored some of the new test measures available to evaluate these domains. Implications for future research, clinical assessment, and diagnostic guidelines were discussed. As a result of participating in this course, the attendees: (1) gained a more detailed understanding of ADHD and its neuropsychological features, and (2) became familiar with some of the neuropsychological tools for assessing cognitive impairment in ADHD.

## **TRAINING SEMINAR INSTRUCTION**

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**2002, 2003**

**Training Seminar: Pediatric Neuropsychological Test Administration**

Assisted in annual neuropsychological test administration training for the Department of Clinical & Health Psychology at UF. Attendees included psychology doctoral students & interns.

**2001**

**Training Seminar: Test of Everyday Attention for Children (TEA-Ch)**

Designed and conducted a two session (1 hr each session) training seminar on the TEA-Ch at the UF. Attendees included program faculty, postdoctoral fellows, psychology interns & doctoral students.

**2001**

**Training Seminar: Adult Neuropsychological Test Administration**

Conducted a series of training sessions on neuropsychological test administration and scoring for a multidisciplinary research team at the request of the Chief of Cardiothoracic Anesthesiology (Dr. Davies) at Shands Hospital. Attendees included research staff working on an NIH grant (anesthesiologists and nurses).

## **ADDITIONAL RESEARCH EXPERIENCES**

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**2002-2003**

**Project Coordinator**

Department of Clinical & Health Psychology  
Health Science Center, University of Florida  
Advisor: Eileen Fennell, Ph.D., ABPP/CN

Study Description: Study investigating the clinical utility of the Test of Everyday Attention for Children (TEA-Ch) for assessing ADHD in children. Responsibilities include data collection and management, and research liaison to Child Psychology Clinic.

**2001-2002**

**Neuropsychological Assessment Coordinator**

Research Site: Shands Hospital, Anesthesiology Department  
Advisors: Dawn Bowers, Ph.D., Professor, Dept. of Clinical & Health Psychology  
Laurie Davies, M.D., Chief of Cardiothoracic Anesthesiology

Study Description: NIH study investigating the effects of cardiac surgery (specifically involving cardiopulmonary bypass) on cognitive functioning. Neuropsychological assessment of inpatients pre- and post cardiac surgery. Supervise neuropsychological test administration by multidisciplinary team (e.g., anesthesiologists and cardiac nurses).

**1995-2001**

**Geriatric Psychiatry Research Assistant**

Research Site: Geriatric Psychiatry Intervention Research Center UCSD & San Diego VA  
Advisor: Dilip V. Jeste, M.D.

Clinical Duties: Conduct weekly interviews and assessment with prospective research subjects (approximately 90 per year). Present research diagnostic interviews to a multi-disciplinary team in weekly staffing meetings. Provide feedback regarding diagnosis to primary physicians of research participants.

Research Population: Older (45+ years) psychiatric patients (e.g., schizophrenia, schizoaffective disorder, bipolar disorder, or dementia with psychotic features); mostly nursing home or locked facility residents.

Assessment Protocol: General history interview, SCID, AIMS, MMSE, & medication record.

Research Duties: Assist in the preparation of large research center grants. Assist post-doctoral fellows in research projects for publication, including writing portions of manuscripts and grants, conducting literature reviews, provide assistance in statistical methods and analyses. Conduct independent research, including developing research ideas, preparing literature reviews, perform statistical analyses, writing manuscripts.

**10/1991-6/1995**

**Clinical Data Manager**

Research Site: Geriatric Psychiatry Intervention Research Center UCSD & San Diego VA  
Employer: Dilip V. Jeste, M.D.

Research Duties: Employed as data manager for large research center. Responsible for supervision of three undergraduate assistants. Managed data from diagnostic interviews and clinical symptom ratings. Coordinated with other research cores in the center. Liaison to psychiatrists conducting diagnostic interviews. Responsible for managing bi-annual inter-rater reliability evaluations. Assisted in preparation of research grants/manuscripts.

**7/1992-8/1992**

**Research Assistant**

Research Site: California School of Professional Psychology, San Diego  
Advisor: Julia Kuck, Ph.D.

Research Duties: Assistant to doctoral student on her dissertation. Administered & scored Halstead-Reitan neuropsychological test battery to approximately 20 patients with schizophrenia.

**9/1991-6/1992**

**Research Assistant**

Research Site: University of California, San Diego  
Advisor: Bret Clementz, Ph.D.

Research Duties: Conducted diagnostic interviews of schizophrenia patients and their family members. Assisted in the administration of an EEG and visual tracking paradigm to research participants. Research investigated abnormal visual tracking in schizophrenia patients and biological family members as a potential genetic marker for schizophrenia.

## PUBLICATIONS

**Published Journal Articles** \* indicates first author was student mentored by Dr. Heaton for publication; [2006 Impact Factor]

1. Gretchen M. Brophy, G.M., Pineda, J.A., Papa, L., Lewis, S.B., Valadka, A.B., Hannay, H.J., **Heaton, S.C.**, Demery, J.A., Liu, M.C., Tepas, J.J., Gabrielli, A., Robicsek, S. Wang, K.W., Robertson, C.S. and Hayes, R.L. (2009).  $\alpha$ II-Spectrin Breakdown Product Cerebrospinal Fluid Exposure Metrics Suggest Differences in Cellular Injury Mechanisms after Severe Traumatic Brain Injury. *Journal of Neurotrauma*, 26: 1-9. [3.640]
2. \* Preston, A.S., **Heaton, S.C.**, McCann, S.J., Watson, W.D., Selke, G. (2009). The role of multidimensional attentional abilities in academic skills of children with ADHD. *Journal of Learning Disabilities*, 42(3): 240-249. [1.775]
3. Donovan, N. J., Kendall, D.L., **Heaton, S. C.**, Kwon, S., Velozo, C.A., & Duncan, P.W. (2008). Conceptualizing Functional Cognition in Stroke. *Neurorehabilitation and Neural Repair*, 22(2), 122-135. [3.618]
4. Pineda, J.A., Lewis, S.B., Valadka, A.B., Papa, L., H., Hannay, J.H., **Heaton, S.C.**, Liu, M.C., Aikman, J.M., Akle, V., Tepas, J.J., Wang, K., Robertson, C.S., Hayes, R.L. (2007). Clinical significance of  $\alpha$ II-Spectrin Breakdown Products in CSF after Severe Traumatic Brain Injury. *Journal of Neurotrauma*, 24(2), 354-366. [3.453]
5. Brophy, G.M., J.A. Pineda, L. Papa, S.B. Lewis, A.B. Valadka, H.J. Hannay, S.C. **Heaton**, M.C. Liu, J.M. Aikman, V. Akle, J.J. Tepas III, K.W. Wang, C.S. Robertson, R.L. Hayes. (2006) Biomarker kinetics in cerebrospinal fluid of traumatic brain injury patients. *Journal of Neurotrauma*, 23(6):1036. [3.453]
6. **Heaton, S. C.**, Reader, S. K., Preston, A. S., Fennell, E., Puyana, O. E., Gill, N., Johnson, J. H. (2001<sup>1</sup>). The Test of Everyday Attention for Children (TEA-Ch): Patterns of Performance in Children with ADHD and Clinical Controls. *Child Neuropsychology*, 7(4), 251-264. [0.867]  
<sup>1</sup> Note: Journal publication dating behind actual publication date – article was published in 2003.
7. **Heaton, S.C.** The utility of education corrections for interpreting neuropsychological performance in schizophrenia. Dissertation Abstracts International: Section B: The Sciences and Engineering, Vol 62(9-B), Mar 2002. pp. 4219.
8. Evans, J. D., Heaton, R. K., Paulsen, J. S., McAdams, L. A., **Heaton, S. C.**, & Jeste, D. V. (1999). Schizoaffective Disorder: A form of schizophrenia or affective disorder? *Journal of Clinical Psychiatry*, 60(12), 874-882. [5.533]
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### ***Book Chapters***

1. Lindamer, L. A., Harris, M. J., Gladsjo, J. A., Heaton, R. K., Paulsen, J. S., **Heaton, S. C.**, & Jeste, D. V. (1999). Gender and schizophrenia, 223-240. In: *Hormones, Aging, and Mental Disorders*, M. Morrison (ed.), Washington DC: National Institute of Mental Health.
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### ***Abstracts/Presentations***

1. **Heaton, S.C.** (2009, August). A Neuropsychological Approach to ADHD. Invited address presented at the American Psychological Association (APA) Convention, Toronto, ON.
2. Watson, W.D., Greenfeder, A., Alberto, J., Wishin, J., Hannay, J., **Heaton, S.C.** (2009, February). The Relationship between Early Glasgow Coma Scale (GCS) Scores and Later General Functional and Cognitive Outcome in Adult Severe Traumatic Brain Injury (TBI). Poster presentation at the annual meeting of the International Neuropsychological Society, Atlanta, GA.
3. **Heaton, S.C.**, Reckess, G.Z., Wen, P., Waid-Ebbs, K., Donovan, N. Singeltary, F., Velozo, C. (2009, February). Concurrent Validity of the Computer Adaptive Measure of Functional Cognition for Traumatic Brain Injury (CAMFC-TBI). Poster presentation at the annual meeting of the International Neuropsychological Society, Atlanta, GA.
4. Sarah J. McCann, S.J., Patent, A., Alberto, J., **Heaton, S.C.** (2009, February). Examination of Attention-Deficit/Hyperactivity Disorder (ADHD) Symptom Ratings and Attention Test Performance in Childhood Traumatic Brain Injury (TBI) and ADHD: Evidence for TBI Subgroups. Poster presentation at the annual meeting of the International Neuropsychological Society, Atlanta, GA.

5. Kellison, I., **Heaton**, S.C., Waid-Ebbs, K., Wen, P., Velozo, C. (2009, February). Comparison of adult traumatic brain injury (TBI) patient and caregiver ratings of executive functioning on the Behavior Rating Inventory of Executive Function (BRIEF-A). Poster presentation at the annual meeting of the International Neuropsychological Society, Atlanta, GA.
6. Velozo, C.A., Duncan, P., Wang, J., Donovan, N., **Heaton**, S.C., Kendall, D., Kwon, S., Singletary, F.F., deLeon, R.P., Garretson, K., Jenkins, W., Agonis, J. (2009, May). Development of an Item Bank for a Computer Adaptive Measure of Functional Cognition for Stroke. Paper presented at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 14th Annual International Meeting, Orlando, FL.
7. Velozo, C.A., Wen, P., **Heaton**, S.C., Waid-Ebbs, K., Donovan, N., Jenkins, W. (2009, February). Development of a Self/Proxy Report of Functional Cognition for TBI. Paper presented at the 27<sup>th</sup> VA Health Services Research and Development Service (HSR&D) National Meeting, Baltimore, MD.
8. Donovan, N., Velozo, C.A., Wen, P-S., **Heaton**, S.C., Waid-Ebbs, K.W. (2008, September). Item Level Psychometric Properties of the Social Communication Construct Developed for a Computer Adaptive Measure of Functional Cognition for Traumatic Brain Injury. Paper presented at the International Conference on Outcomes Measurement Program, Bethesda, MD.
9. Wen, P-S., Velozo C.A., **Heaton**, S.C., Waid-Ebbs, K., & Donovan, N.J. (2008, September). Comparison of patient, caregiver and health professional rating of a functional cognitive measure. Paper presented at the International Conference on Outcomes Measurement Program, Bethesda, MD.
10. Waid-Ebbs, J.K., Velozo, C., Shaw, L., Rosenbek, J., Kendall, D., & **Heaton**, S.C. (2008, May). *Creating a Novel Measure of Everyday Problem Solving for Individuals with TBI Using Rasch Analysis*. Paper accepted for presentation at the Association for Behavior Analysis (ABA) International Convention, Chicago.
11. Velozo, C.A., Wen, P., **Heaton**, S.C., Waid-Ebbs, K. and Donovan, N. (2008, March). *Psychometrics of a Functional Cognitive Item Bank for Traumatic Brain Injury*. Poster accepted for presentation at the Patient-Reported Outcomes Measurement Information System (PROMIS) Conference, Bethesda, MD.
12. **Heaton**, S., Boegehold, L. & Bloss, C. [Abstract] (2007). *The Profile of Attentional Functioning Following Pediatric Traumatic Brain Injury*. *Developmental Neurorehabilitation*, 10(4):269-70.
13. **Heaton**, S.C., Pedraza, O., Strand, M. & Loyden, J.J. (2007, February). *Confirmatory Factor Analysis of the Test of Everyday Attention for Children*. Presented at the International Neuropsychological Society Annual Meeting, Portland.
14. Kimberg, C., **Heaton**, S.C., Velozo, C., Donovan, N., Waid-Ebbs, J.K., & Wen, P. (2007, February). *Development of a Measure of Functional Cognition for Adult TBI*. Presented at the International Neuropsychological Society Annual Meeting, Portland.
15. Watson, W., Conway, T., & **Heaton**, S.C. (2007, February). *Prediction of Performance on "High Stakes" Measures of Reading Comprehension*. Presented at the International Neuropsychological Society Annual Meeting, Portland.

16. Selke, G.J., Fennell, E.B., **Heaton**, S.C., Reckess, G.Z., Foote, K.D. & Okun, M.S. (2007, February). *Development of an Integrative Approach to Psychological Intervention and Neuropsychological Assessment in Deep Brain Stimulation (DBS) for Childhood Dystonia: A Case Study*. Presented at the International Neuropsychological Society Annual Meeting, Portland.
17. Brophy, G., Pineda, J., Papa, L., Lewis, S., Valada, A., Hannay, J., Heaton, S.C., Liu, M.C., Aikman, J., Akle, V., Tepas, J., Wang, K., Robertson, C. & Hayes, R. [Abstract] (June 2006). *Biomarker kinetics in cerebrospinal fluid of traumatic brain injury patients*. *Journal of Neurotrauma*, 23(6), 1036.
18. Hahn, L., **Heaton**, S., Kimberg, C., & Hacker, S. [Abstract] (2006). *Attentional profiles in pediatric TBI and ADHD: A pilot study*. *Journal of the International Neuropsychological Society*, 12(S1), 209-210.
19. Kimberg, C., **Heaton**, S., Hahn, L., & Reed, S. (2006, February). *A pilot study comparing the attentional profile of autism spectrum disorders and ADHD*. *Journal of the International Neuropsychological Society*, 12(S1), 70.
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21. Preston, A., **Heaton**, S., Selke, G., & Siddiqi, S. (2006, February). *Effects of ADHD medications on behavior and attentional test performance*. *Journal of the International Neuropsychological Society*, 12(S1),
22. Schwartz, T., Kaufman, J., Hahn, L., **Heaton**, S., & Benjamin, M. [Abstract] (2006). *Gender differences in the relationship between executive functioning and intellectual ability in healthy children*. *Journal of the International Neuropsychological Society*, 12(S1), 179.
23. Bowers, A., McCann, S., Watson, W., **Heaton**, S., & Johnson, J. (2006, April). *Evaluation of the BASC and CPRS in an ADHD Sample*. Poster session presented at the meeting of the National Child Health Conference, Gainesville, FL.
24. Hahn, L., Eisen, A., McGrath, R., Schaefer, C., Kaufman, J., & **Heaton**, S. (2006, April). *An Evaluation of the Psychometric Properties of the Separation Anxiety Assessment Scales*. Poster session presented at the meeting of the National Child Health Conference, Gainesville, FL.
25. Kimberg, C., **Heaton**, S., Hotchkiss, M., & Ferrera, D. (2006, April). *A Pilot Study Comparing Autism Spectrum Disorders and ADHD on Parent Ratings of Behavior*. Poster session presented at the meeting of the National Child Health Conference, Gainesville, FL.
26. Papa, L., Pineda J., Wang K., Lewis S., Demery, J., Heaton, S.C., Tepas, J., Hayes, R. (2005, May). *Levels of Alpha-II Spectrin Breakdown Products in Human CSF and Outcome After Severe Traumatic Brain Injury*. Presented at the Society for Academic Emergency Medicine Annual Meeting, New York.
27. Schroder, M.D. and Heaton, S.C. (2005, February). *Memory Function after Pediatric Traumatic Brain Injury: What's the Trouble?* Presented at the International Neuropsychological Society Annual Meeting, St. Louis.
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36. Shenal, B. V., **Heaton, S. C.**, & Fennell, E. B. (2002, February). *A case comparison of attentional deficits following right and left thalamic tumors in two adolescents*. Presented at the International Neuropsychological Society Annual Meeting, Toronto.
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38. **Heaton, S. C.**, Fennell, E. B., & Johnson, J. H. (2001, April). *Preliminary study investigating the utility of the Test of Everyday Attention for Children (TEA-Ch) in differentiating ADHD from non-ADHD in a clinical setting*. Poster session presented at the Child Health Conference.
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