

## CURRICULUM VITAE

**DATE:** December 2018

**NAME:** Linda Ewing-Cobbs, Ph.D.

**PRESENT TITLE:** Harriet and Joe Foster Chair in Cognitive Neuroscience  
Director, Dan L. Duncan Children's Neurodevelopmental Clinic

**ADDRESS:** Department of Pediatrics  
Children's Learning Institute  
The University of Texas Houston Health Science Center  
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**CITIZENSHIP:** United States

**UNDERGRADUATE EDUCATION:** B.A., Magna Cum Laude with Honors in Psychology (1978)  
Newcomb College, Tulane University  
New Orleans, Louisiana

**GRADUATE EDUCATION:** M.A., Clinical Neuropsychology (1984)  
University of Houston, University Park  
Houston, Texas

Ph.D., Clinical Neuropsychology (1985)  
University of Houston, University Park  
Houston, Texas

**POSTGRADUATE TRAINING:** Fellowship in Clinical Neuropsychology (1984-1986)  
University of Houston, University Park  
Houston, Texas

**ACADEMIC & ADMINISTRATIVE APPOINTMENTS:**

Department of Psychiatry and Behavioral Sciences:  
1985 – 1986 Instructor  
1986 – 1987 Assistant Professor  
1987 – 1994 Clinical Assistant Professor (50%)

**Department of Pediatrics**

1994 – 1995	Assistant Professor
1995 – 1999	Associate Professor
2000 – 2004	Associate Professor with tenure
2004 – present	Professor with tenure

**Administrative:**

2007-present	Director, Dan L. Duncan Children's Neurodevelopmental Clinic
2015-present	Harriet and Joe Foster Chair in Cognitive Neuroscience

**University of Houston, University Park:**

Department of Psychology:

1987 – 1990	Adjunct Assistant Professor
1991 – Present	Adjunct Professor

**HOSPITAL APPOINTMENTS:**

Allied Health Staff:

1994 – Present	Memorial Hermann Children's Hospital
1990 – 2000	The Institute for Rehabilitation and Research
1995 – 2002	Harris County Hospital District

**PRIVATE PRACTICE:**

1989 – 1994	Neuropsychological Affiliates, P.C. 2211 Norfolk, Suite 500 Houston, Texas
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**LICENSURE:**

Texas State Board of Examiners of Psychologists #2-3230,  
9-15-86

**CERTIFICATION:**

Texas State Board of Examiners of Psychologists, 4-11-86

**PROFESSIONAL ORGANIZATIONS:**

**LOCAL:**

Houston Neuropsychological Society

**NATIONAL/INTERNATIONAL:**

American Psychological Association  
Divisions: Society for Clinical Neuropsychology  
Pediatric Psychology  
International Neuropsychological Society  
Program Committee (1988, 1991, 1999, 2002)  
Chair, Program Committee (1998)

National Head Injury Foundation  
    Pediatric Task Force (1988-1992)  
    Pediatric Research Group (1988-1992)  
National Neurotrauma Society  
International Society for Psychoneuroendocrinology  
International Brain Injury Association  
International Pediatric Acquired Brain Injury Society  
    Program Committee (2018)

**HONORS AND AWARDS:**

1975	Phi Eta Sigma Undergraduate Honor Society
1977	Psi Chi Psychology Honor Society
1978	Hartman Prize in Psychology, Outstanding Psychology Undergraduate
1978	Phi Beta Kappa
1980	NIMH Fellowship
2013	Fellow of the American Psychological Association Division 40: Society for Clinical Neuropsychology
2015	Nicole and Evan Katz Pediatric Neurodevelopmental Fund
2015	Harriet and Joe Foster Chair in Cognitive Neuroscience

**EDITORIAL POSITIONS:**

**CONSULTING EDITOR:**

1995 to Present	Child Neuropsychology
2001 to 2007	Neuropsychology
2005 to Present	Developmental Neuropsychology

**INVITED REVIEWER:**

Archives of Pediatric and Adolescent Medicine  
Brain and Language  
Developmental Neuropsychology  
Journal of Clinical and Experimental Neuropsychology  
Journal of Consulting and Clinical Psychology  
Journal of Head Trauma Rehabilitation  
Journal of Learning Disabilities  
Journal of the International Neuropsychological Society  
Journal of Pediatric Psychology  
Neuropsychology

**INVITED REVIEWER:**

International Journal of Developmental Neuroscience  
New England Journal of Medicine  
Pediatrics  
The Clinical Neuropsychologist  
Human Brain Mapping  
JAMA Pediatrics

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, AND COMMITTEES:**

**STUDY SECTION:**

Member, Neurological Sciences and Disorders A,  
National Institute of Neurological Disorders and Stroke, National Institutes of Health  
(2002 to 2005)

**REVIEW PANELS AND COMMITTEES:**

**National Institutes of Health**

Ad Hoc Reviewer  
Social and Group Processes Review Committee,  
National Institute of Mental Health (1998)

Research Development Panel  
Child Abuse and Neglect Technical Assistance Workshop  
Workgroup on Child Abuse and Neglect (1998)

Research Development Panel  
Definition and Classification Issues in Child Abuse and Neglect  
Co-sponsored by the National Institute of Child Health and Human Development and the  
Children's Bureau, Office on Child Abuse and Neglect (1999-2000).

External Planning Committee  
National Institute of Neurological Disorders and Stroke  
Five Year Strategic Plan on Minority Health Disparities (2000)

Special Emphasis Panel  
National Institute of Neurological Disorders and Stroke  
Clinical Trial Committee, Silent Cerebral Infarct Multi-Center Clinical Trial (2001)

Medical Rehabilitation Research Subcommittee  
National Institute of Child Health and Human Development  
Initial Review Group (2001)

Special Emphasis Panel  
National Institute of Child Health and Human Development  
Child Development Review (2002)

**REVIEW PANELS AND COMMITTEES:**

Special Emphasis Panel  
National Institute of Neurological Disorders and Stroke  
ADHD Clinical Trial Review (2003)

Reviewer  
National Institute of Child Health and Human Development  
Population Sciences Subcommittee (2003-2004)

Chair, Special Emphasis Panel  
National Institute of Neurological Disorders and Stroke  
ZNS1 SRB-R (04) Program in Cognitive Neuroscience (2003-2004)

Invited Reviewer  
Neurological Sciences and Disorders A,  
National Institute of Neurological Disorders and Stroke (2006)

Common Data Elements Workgroups: Advancing Integrated Research on Psychological Health and Traumatic Brain Injury  
National Institute of Neurological Disorders and Stroke, Department of Defense, Defense Centers of Excellence, and Department of Education

Panel Member – Operational Stress Workgroup, March 2009

Panel Member – Common Data Elements for Traumatic Brain Injury Research: Pediatric Considerations, March 2010-2011

Panel Member – Common Data Elements for Moderate/Severe Traumatic Brain Injury Research, 2011-2012

Invited Reviewer, Special Emphasis Panel  
Brain Disorders and Clinical Neuroscience Integrated Review Group  
N58 Pilot Projects for Sports-Related TBI and SCI (2013)

Invited Presenter: Methods for Assessing Change in Developmental Trajectory  
The National Institutes of Health Pediatric Concussion Workshop  
October 2016

**Centers for Disease Control: National Center for Injury Prevention and Control**

Workshop on TBI Rehabilitation Practices and Report to Congress 2011-2012

Expert Panel: Acute Diagnosis and Management of Mild Traumatic Brain Injury: Children and Adolescents 2012-2016

Report Author: Report from the Pediatric Mild Traumatic Brain Injury Guideline Workgroup: Systematic Review and Clinical Recommendations for Healthcare Providers on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children 2015--present

**Centers for Disease Control: National Center for Injury Prevention and Control**

Expert Panel: Report to Congress on the Management of Children with TBI  
2015-present

Special Emphasis Panel for FOA CE17-002, Development and Evaluation of Sports Concussion Prevention Strategies 2017

**SERVICE ON UNIVERSITY OF TEXAS SYSTEM COMMITTEES:**

Brain Health Initiative  
First Annual Neuroscience Clinical Advisory Committee 2016-present

**SERVICE ON UNIVERSITY OF TEXAS- McGOVERN MEDICAL SCHOOL COMMITTEES:**

Faculty Senate 2000 to 2005  
Executive Committee Neuroscience Research Center 2009 - present

**SERVICE ON UT-HMS AFFILIATED HOSPITAL COMMITTEES:**

Memorial Hermann Children's Hospital  
Child Protection Committee, 1995 to 2008  
Pediatric Trauma Committee, 1995-1997  
Memorial Hermann Hospital  
Acquired Brain Injury Committee, 2003  
Children's Memorial Hermann Hospital  
Editorial Review Board, 2009 – 2011

**SERVICE ON CHILDREN'S LEARNING INSTITUTE COMMITTEES:**

Executive Leadership 2017-present  
Faculty Search 2016-2018  
Director of Management Operations Search 2018

**SERVICE ON GRADUATE SCHOOL COMMITTEES:**

University of Houston-University Park Department of Psychology  
Neuropsychology Admissions Committee 1989-1992  
Neuropsychology Graduate Student Training Committee 1989-1993  
Faculty Search Committee 2004-2005  
Faculty Search Committee 2008-2009

**SERVICE TO THE COMMUNITY:**

Children's Advisory Board  
Mental Health and Mental Retardation Association (1997 to 2007)  
Volunteers in Public Schools  
Houston Independent School District (1994-2002)

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREES:**

Paul M. Kaufmann, Ph.D. – Committee Member  
University of Houston, University Park  
Doctoral Dissertation: Attention and Memory in  
Children and Adolescents with Traumatic Brain Injury (1988)

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREES:**

Nora M. Thompson, Ph.D. – Committee Member  
University of Houston, University Park  
Doctoral Dissertation: Age Effects in the  
Recovery of Visual Spatial, Somatosensory, and  
Motor Skills Following Pediatric Head Injury (1988)

Bonnie Brookshire, M.S. – Committee Member  
University of Houston, University Park  
Master's Thesis: Language Processing in Children  
with Tourette's Syndrome (1988)

Brian Judd, Ph.D. – Committee Co-Chair  
University of Houston, University Park  
Doctoral Dissertation: Language Laterality Following  
Traumatic Brain Injury in Children (1989)

Bonnie Brookshire, Ph.D. – Committee Member  
University of Houston, Houston Park  
Doctoral Dissertation: Neuropsychological and Psychosocial Characteristics  
of Children with Tourette's Syndrome (1990)

Isabella Jackson – Committee Co-Chair  
University of Houston, University Park  
Master's Thesis: Epidemiology of Post-traumatic Epilepsy Following  
Traumatic Brain Injury in Children (1991)

Matthew Lilly – Committee Member  
University of Houston, University Park  
Master's Thesis: Recovery of Memory After Closed Head Injury in Children  
(1992).

Garland Stallings – Committee Co-Chair  
University of Houston, University Park  
Master's Thesis: Sensitivity of Academic Achievement Scores to Classroom  
Placement Following Closed Head Injury (1995).

Susan Caudle – Committee Member  
University of Houston, University Park  
Master's Thesis: Attention Deficit Hyperactivity Disorder: Cognitive  
Subtypes (1997).

Marianna Horz – Committee Member  
University of Texas Health Science Center and the Graduate School of  
Biomedical Sciences  
Genetic Counseling Program  
Master's Thesis: "Turner's syndrome and Growth Hormone: A Quality of  
Life Assessment" (2006).

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREES:**

Rebecca D. Carter – Committee Member  
University of Texas Health Science Center, MD Anderson Cancer Center,  
and the Graduate School of Biomedical Sciences Genetic  
Counseling Program  
Master's Thesis: Stress and Well-Being among Parents of Children with  
Potocki-Lupski Syndrome (May 2009)

Russell A. Jenkins, M.A – Committee Co-Chair  
University of Houston, University Park  
Doctoral Dissertation: Neuroimaging Correlates of Reading Following  
Pediatric Traumatic Brain Injury (August 2009)

Darcy Raches, M.A – Committee Co-Chair  
University of Houston, University Park  
Doctoral Dissertation: Complex Word Problem Solving Abilities in Children  
with Math Learning Difficulties: The Impact of Reading and Attention  
(August 2009)

Alanna Gold – Committee Member  
University of Houston  
Master's Thesis: Cognitive and Behavioral Attention in Children with Math  
Disabilities (November 2009)

Stephanie Gorman – Committee Co-Chair  
University of Houston  
Master's Thesis: Does Processing Speed Partially Mediate the Effect of  
Pediatric Traumatic Brain Injury on Working Memory? (June 2010)

Amery Treble – Committee Co-Chair  
University of Houston  
Master's Thesis: Working Memory and Corpus Callosum Microstructural  
integrity Following Pediatric Traumatic Brain Injury: A Diffusion  
Tensor Tractography Study (December 2010)

Lindsey Harik – Committee Co-Chair  
University of Houston  
Master's Thesis: Written Language Deficits Following Pediatric Traumatic  
Brain Injury (December 2011)

Stephanie Gorman, M.A. – Committee Co-Chair  
University of Houston  
Master's Dissertation: Recovery of Working Memory Following Pediatric  
Traumatic Brain Injury: A Longitudinal Analysis (August 2012)

Emily Maxwell, M.A.—Committee Co-Chair  
University of Houston  
Dissertation: The Role of Anxiety and Family Environment on Mathematical  
Performance in Children with Traumatic Brain Injury (June 2015)



**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREES:**

Lindsey Harik, M.A. – Committee Co-Chair  
University of Houston

Dissertation: Neuroanatomical Correlates of Written Expression in Pediatric  
Traumatic Brain Injury: A Diffusion Tensor Imaging Study (July  
2015)

Jesse Fischer-- Committee Co-Chair  
University of Houston

Master's Thesis: Sleep Disturbances Following Pediatric Brain Injury (May  
2016)

**SPONSORSHIP OF POSTDOCTORAL FELLOWS:**

Mary Prasad, Ph.D. (1995-1997)  
Chad P. Johnson, Ph.D. (2012-2014)  
Dana M. DeMaster, Ph.D. (2013-2015)  
Christopher Watson, Ph.D. (2016-present)

**TEACHING RESPONSIBILITIES:**

**CURRENT:**

**University of Texas Health Science Center at Houston:**

2009-present      Developmental Pediatrics Rotation Faculty: Duncan Clinic Residency Training  
PGY 2 & 3

**University of Houston:**

1986-present:      Adjunct Faculty, supervise clinical practicum students and direct Master's thesis  
and dissertation research of pre-doctoral and doctoral candidates.

**TEACHING RESPONSIBILITIES – PREVIOUS:**

**University of Texas Health Science Center at Houston:**

2009-2010      Coordinate Developmental Pediatrics Rotation- PG II

**TEACHING RESPONSIBILITIES:**

Fall 2009      Co-Organizer Neurobiology of Disease Course  
“Developing Nervous System”  
Graduate School of Biomedical Sciences

Lectures: Developmental Delay, Developmental Regression, and Learning  
Disabilities

**TEACHING RESPONSIBILITIES:**

- 2005                    Lecture: MRI in Pediatric Traumatic Brain Injury  
Neurobiology of Disease Course, "Imaging Approaches to Diagnosing Brain  
Disease: Role of MRI in Neurological Disorder"  
Graduate School of Biomedical Sciences
- 1998-2007:            Invited lecturer, The Psychology Residency Seminar Series, Department of  
Psychiatry, and Behavioral Sciences. "Models of Neuropsychological  
Assessment – Application to Children", 3 hours per year.
- 2001-2004:            Developmental Pediatrics Rotation Coordinator, PL2 residents (average 24  
residents per year)  
Develop rotation activities to meet Accreditation Council for Graduate Medical  
Education guidelines, including providing didactic and clinical experiences  
encompassing identification/screening of normal and abnormal behavior and  
development with an emphasis on commonly occurring learning and attention  
disabilities, behavioral management and referral strategies, needs of at-risk  
children, identification and prevention of child abuse, and impact of chronic  
diseases. Instructional settings include school, community-based primary care,  
specialty clinics, and inpatient settings. Provide administrative oversight and  
direct training of residents (12 hours per month).
- 1998–2001:            Invited lecturer, Topics in Medical Genetics I, Genetic counseling students (4  
hours per year).

**MENTORING ACTIVITIES**

- Informal mentoring of clinical and research faculty
- 1986-present        Supervise thesis and dissertation research for Clinical Psychology graduate  
students from the University of Houston
- 2014-present        Supervise medical students enrolled in summer research program through the  
Pediatric or the Neuroscience Scholarly Concentration programs

**CURRENT CLINICAL SERVICE RESPONSIBILITIES:**

- 2007-present        **Director, Dan L. Duncan Clinic Children's Programs**
- Dan L. Duncan Children's Neurodevelopmental Clinic**  
Provide clinical neuropsychological assessment and consultation services to  
children, adolescents, and young adults with acquired or developmental  
differences. Oversee services provided by the clinical faculty, consisting of two  
developmental pediatricians and 4 psychologists; over 2000 patients are seen  
yearly.
- Center for Autism and Related Conditions at CLI**  
Oversee operations of multidisciplinary clinic providing diagnostic assessment  
services to children with suspected autism spectrum disorder and other  
developmental conditions. The clinic served over 500 children in FY 2017.

**/CURRENT CLINICAL SERVICE RESPONSIBILITIES:**

- 2008-present      **Duncan Clinic Academic Outreach Programs**  
Oversee development of the reading and academic outreach programs to provide enrichment as well as intensive, evidence based Tier II and III intervention to students in grades 1-5 enrolled at HISD, charter schools and private schools. Served 263 children in 6 schools during FY 2017 during the school year as well as in intensive intervention camps during the summer.
- Additional program development supported by the A.R. Tony and Maria J. Sanchez Family Foundation:**
- 2012-2014      Developed and piloted a vocabulary and reading intervention program in Spanish for children in grades 1 and 2 (\$150,000).
- 2015-2018      Implementation of the Junior Undiscovered Math Prodigies (JUMP) Program Math intervention and enrichment outreach program (\$365,000). During FY 2017, the program refined curricula and provided intensive math intervention to 40 struggling students in grades 1-3.

**CURRENT GRANT SUPPORT:**

**Brain, Behavior, and Injury Outcomes Research Program**

This multidisciplinary program of research includes natural history studies as well as clinical trials examining a variety of outcomes in children and adults with acquired or developmental conditions that affect brain development and/or function.

Nationally funded projects in traumatic brain injury have generated a cumulative \$35M in grant support from the National Institutes of Health, Centers for Disease Control and Prevention, and the Department of Defense. These projects involved assessment of cognitive, psychological health, and structural neuroimaging outcomes following injury in infants, children, adolescents, and adults. An additional \$11M in federal funding has supported research in testing interventions to improve outcomes following preterm birth, developmental reading and math learning difficulties, and attention-deficit/hyperactivity disorder.

Linda Ewing-Cobbs, Heather Keenan, Shari Wade (Co-PIs)      05/31/2018-05/30/2021  
1R24 HD088355 (Pediatric Trauma Consortium)  
National Institute of Child Health and Human Development  
National Institutes of Health

*Pediatric Injury: Modules to Manage Medical Stress*

This project will quantify the incidence and prevalence of post-traumatic psychological distress after trauma and develop cognitive behavioral treatment modules developmentally tailored for children ages 3-16 that can be used to deliver eHealth intervention with therapist support.

Charles S. Cox, Jr. (PI)      08/15/2016-08/14/2020  
USAMRRA

*Treatment of Adult Severe TBI Using Autologous Bone Marrow Mononuclear Cells.*

This project plan will assess safety and functional outcomes following treatment of severe TBI in adults using autologous bone marrow mononuclear cells.

Role: Co-Investigator

1 U01 CE002188-01 (Linda Ewing-Cobbs & Heather Keenan Co-PIs) 09/30/2012 – 09/29/2017  
Centers for Disease Control and Prevention  
National Center for Injury Prevention and Control

*Developmental Consequences of Pediatric TBI*

Information from this project will inform how we identify children who are not meeting developmental milestones and how we design developmentally appropriate supports for children after traumatic brain injury that will allow them to participate fully at home, in school, and in the community.

Charles S. Cox, Jr. (PI)  
National Institute of Neurological Diseases and Stroke  
National Institutes of Health

01/01/2013 – 03/31/2017 (NCE)

*Phase 2 Pediatric Autologous BMMNC for Severe TBI*

This project will determine the effect of intravenous infusion of autologous BMMNCs on brain structure and functional outcomes after severe traumatic brain injury in children; designed as a prospective, randomized, placebo-controlled, blinded Phase 2 safety/biological activity study.

**PENDING GRANT SUPPORT:**

Charles S. Cox, Jr. (PI)  
National Institute of Neurological Diseases and Stroke  
National Institutes of Health

04/01/2019 – 03/31/2024

*Thromboelastography Guided Resuscitation for Traumatic Brain Injury*

This project is investigating the impact of thromboelastography-based pediatric hemolytic resuscitation on early neurocritical care clinical outcomes and 6 month functional and neuropsychological outcomes in a prospective randomized unblinded trial.

**COMPLETED GRANT SUPPORT:**

2 R01 NS046308 (Linda Ewing-Cobbs, PI)  
National Institute of Neurological Diseases and Stroke  
National Institutes of Health

07/01/2011 – 06/30/2017 (NCE)

*Traumatic Stress After Pediatric Injury: Neurobiological Influences*

This project will examine the impact of traumatic injury on the biomarkers of three stress-responsive neurobiological systems and their relation to cognitive and psychological health outcomes during the first year after TBI or extracranial injury.

1 R01 HD067694 (Theresa J. Ochoa, PI)  
National Institute of Child Health and Human Development  
National Institutes of Health

04/01/2011 – 03/31/2017 (NCE)

*Lactoferrin for Prevention of Sepsis In Infants*

Clinical trial in premature infants to determine the effect of lactoferrin on occurrence of sepsis and to determine whether as a result of decreased infections, infants grow and develop better after having been on lactoferrin.

Role: Co-Investigator

**COMPLETED GRANT SUPPORT:**

1 R01 HD060617-01A1 (C. Denton PI) 03/1/2011 – 02/28/2016

National Institute of Child Health and Human Development  
National Institutes of Health

Reading ICARD: Interventions for Children with Attention and Reading Disorders.

Role: Co-Investigator

W81XWH-11-1-0460 Charles S. Cox, Jr. (PI) 07/1/20110 – 06/30/2014

USAMRRA

Treatment of Adult Severe TBI Using Autologous Bone Marrow Mononuclear Cells.

This project plan will assess safety and functional outcomes following treatment of severe TBI in adults using autologous bone marrow mononuclear cells.

Role: Co-Investigator

1 R21 INS065937 (Linda Noble, PI) 08/01/2010- 07/31/2011

National Institute of Neurological Diseases and Stroke  
National Institutes of Health

Trauma to Developing Brain: model Refinement and Therapeutic Intervention

This project is relevant to public health by attempting to advance treatment of TBI in young children and mitigate its adverse effects on cognition.

Role: Co-Investigator

R01 NS046308-05 (Linda Ewing-Cobbs PI) 2004-2010

Academic Outcomes After Pediatric Traumatic Brain Injury

National Institute of Neurological Diseases and Stroke  
National Institutes of Health

Role: Principal Investigator

P01 HD046261-05 (J. Fletcher PI) 2003-2008

Cognitive, Instructional, and Neuroimaging Factors in Math

National Institute of Child Health and Human Development  
National Institutes of Health

Role: Principal Investigator Project 1; Developmental Cognitive Approaches to Math Processes

R01 NS29462-06 (Principal Investigator, L. Ewing-Cobbs)

Accidental and Nonaccidental Pediatric Brain Injury

National Institute of Neurological Diseases and Stroke (2000-2005).

National Institutes of Health

Role: Principal Investigator

Department of Education (2004-2008)

Role: Co-Investigator

H133B990014 (Principal Investigator, W. High)

Research and Rehabilitation Training Center Grant to Baylor College of Medicine,  
Department of Education, 1999-2004

Project 2: (Principal Investigator, H. Levin)

Evaluation of the Errorless Technique for Use in Facilitating Learning following Pediatric Traumatic Brain Injury.

Role: Co-Investigator and Site Principal Investigator, Project 2

## COMPLETED GRANT SUPPORT:

RO1 NS21889 (Principal Investigator, H. Levin)  
Neurobehavioral Sequelae of Head Injury in Children  
National Institute of Neurological Diseases and Stroke (1984-2003).  
National Institutes of Health  
Role: Co-Investigator and Site Principal Investigator

Psychobiology of Traumatic Stress in Sexually Abused Girls (Principal Investigator, L. Ewing-Cobbs)  
Children's Miracle Network Telethon, Hermann Children's Hospital (1997-1998).  
Role: Principal Investigator

RO1 HD27597 (Principal Investigator, J. Fletcher)  
Neuropsychological Sequelae of Pediatric Head Injury  
National Institute of Child Health and Human Development (1991-1995).  
National Institutes of Health  
Role: Co-Investigator

## CONSULTANT:

Consensus Panel, National Highway Traffic Safety Administration grant,  
Principal Investigator, Marcus Hanfling, M.D., Baylor College of Medicine.  
Development of an Index to Quantify the Functional Outcome of Childhood Motor Vehicle Injuries  
(1996-1999).  
Role: Neuropsychological consultant

Center on Aging, Director, Rhonda Akkerman, Ph.D., University of Texas Houston Health Science  
Center. Development of the Texas Instrument of Functional Assessment (1999).  
Role: Developmental consultant

Collaborative Pediatric Critical Care Research Network (CPCCRN)  
National Institute of Child Health and Human Development (1991-1995).  
National Institutes of Health  
Role: Outcome assessment consultant (2005 – 2009)

## PUBLICATIONS:

### A. Abstracts

1. Ewing-Cobbs, L., Fletcher, J.M., and Levin, H.S. Neuropsychological functions following closed head injury in infants and preschoolers. *J. Clin. Exp. Neuropsychol.* 7:612, 1986.
2. Ewing-Cobbs, L., Miner, M.E., Fletcher, J.M., and Levin, H.S. Neuropsychological sequelae following cerebral gunshot wounds in children. *Clin. Neuropsychol.* 1:80, 1987.
3. Brookshire, B., Butler, I., Ewing-Cobbs, L., and Fletcher, J.M. Psycholinguistic abilities of children with Tourette Syndrome. *J. Clin. Exp. Neuropsychol.* 11:29, 1989.
4. Ewing-Cobbs, L., Levin, H.S., Fletcher, J.M., Miner, M.E., and Eisenberg, H.M. Posttraumatic amnesia in children: Assessment and outcome. *J. Clin. Exp. Neuropsychol.*

11:58, 1989.

### A. Abstracts

5. Kaufmann, P.K., Fletcher, J.M., Levin, H.S., Miner, M.E., and Ewing-Cobbs, L. Attention and memory in children and adolescents with traumatic brain injury. *J. Clin. Exp. Neuropsychol.* 11:33, 1989.
6. Brookshire, B., Butler, I., Ewing-Cobbs, L., and Fletcher, J. Psycholinguistic abilities of children with Tourette Syndrome. *J. Clin. Exp. Neuropsychol.* 11:47, 1989.
7. Evankovich, K.D., Levin, H.S., Mattson, A.J., Fletcher, J.M., and Ewing-Cobbs, L. Frontal lobe functioning in children. *J. Clin. Exp. Neuropsychol.* 12:104, 1990.
8. Ewing-Cobbs, L., Judd, B.W., and Miner, M.E. Lexical retrieval and intellectual function following traumatic brain injury in children. *J. Clin. Exp. Neuropsychol.* 12:77, 1990.
9. Judd, B.W., Ewing-Cobbs, L., Papanicolaou, A.C., Fletcher, J.M., and Miner, M.E. Lateralization of language following traumatic brain injury in children. *J. Clin. Exp. Neuropsychol.* 12:104, 1990.
10. Mattson, A.J., Levin, H.S., Evankovich, K.D., Ewing-Cobbs, L., and Fletcher, J.M. Longitudinal assessment of memory and motor skills after mild closed head injury (CHI) in children and adolescents. *J. Clin. Exp. Neuropsychol.* 12:104, 1990.
11. Thompson, N.M., Francis, D., Fletcher, J.M., Ewing-Cobbs, L., Levin, H.S., and Miner, M.E. Recovery of spatial, perceptual, and motor skills following closed head injury in children. *J. Clin. Exp. Neuropsychol.* 12:104, 1990.
12. Brookshire, B., Butler, I., Ewing-Cobbs, L., and Fletcher, J.M. Neuropsychological characteristics of children with Tourette Syndrome. *J. Clin. Exp. Neuropsychol.* 13:65, 1991.
13. Chapman, S.B., Culhane, K.A., Levin, H.S., Harward, H., Hartman, J.A., Ewing-Cobbs, L., and Fletcher, J.M. Discourse in children with closed head injury: A retrospective and prospective study. *J. Clin. Exp. Neuropsychol.* 13:92, 1991.
14. Ewing-Cobbs, L., Iovino, I., Fletcher, J.M., Miner, M.E., and Levin, H.S. Academic achievement following traumatic brain injury in children and adolescents. *J. Clin. Exp. Neuropsychol.* 13:93, 1991.
15. Levin, H.S., Culhane, K.A., Mendelsohn, D., Chapman, S., Harward, H., Hartmann, J., Bruce, D., Fletcher, J.M., and Ewing-Cobbs, L. Effects of frontal vs. extrafrontal lesions on planning ability in head injured children. *J. Clin. Exp. Neuropsychol.* 13:63, 1991.
16. Thompson, N.M., Ewing-Cobbs, L., Fletcher, J.M., Miner, M.E., and Levin, H.S. A demonstration of hemispatial inattention in a preliterate child. *Clin. Neuropsychol.* 5:250-251, 1991.
17. Ewing-Cobbs, L., Thompson, N.M., Miner, M.E., and Fletcher, J.M. Long-term consequences of pediatric craniocerebral gunshot wounds. *Clin. Neuropsychol.* 6:319-

**A. Abstracts**

18. Ewing-Cobbs, L., Fletcher, J.M., Levin, H.S., and Boudousquie, A. Nonverbal learning disability in children and adolescents following closed head injury. *J. Clin. Exp. Neuropsychol.* 15:41, 1993.
19. Ewing-Cobbs, L., Fletcher, J.M., Levin, H.S., and Francis, D.J. Late outcome following traumatic brain injury in infants and preschoolers. *Clin. Neuropsychol.* 8:341, 1994.
20. Stallings, G.A., Ewing-Cobbs, L., Francis, D.J., and Fletcher, J.M. Achievement test scores in head-injured children before and after injury. *J. Int. Neuropsychol. Soc.* 1:156, 1995.
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82. Kramer, L., Hasan, K.M., Sankar, A., Prasad, M.R., Bachevalier, J., Fletcher, J., and Ewing-Cobbs, L., Anisotropy and diffusivity changes in corpus callosal subregions in chronic pediatric traumatic brain injury. Paper presented at the 14<sup>th</sup> Scientific Meeting of the International Society for Magnetic Resonance Imaging in Medicine, May 2006, Seattle, WA.
83. Hasan, K.M., Fletcher, J.M., Ewing-Cobbs, L., Sankar, A., Eluvathingal, T.J., Kramer, L.A., Ashtari, A., Juranek, J., Sarkari, S., and Papanicolaou, A.C. A Multi-Scale Whole-Brain Optimized Diffusion Tensor Imaging of Dyslexics at 3.0T. ISMRM # 2713 . May 2007.
84. Ewing-Cobbs, L. and Prasad, M.R. Young children with inflicted and noninflicted traumatic brain injury: Neuropsychological and neuroimaging outcomes. Paper presented at the Sixth North American Conference on Shaken Baby Syndrome. Park City, UT, 2006.
85. Ewing-Cobbs, L. Assessment of outcome after pediatric TBI: Behavioral, environmental, and Neuroimaging findings. Presentation for research in progress at IICRC. Visiting professor, University of Utah Medical School, October 2006. Salt Lake City, Utah.
86. Ewing-Cobbs, L., Prasad, M.R., Ainsworth, L.R., Mendez, D., and Swank, P. Naturalistic action in young children with traumatic brain injury. Paper presented at the meeting of the International Neuropsychological Society. Portland, OR, 2007.
87. Prasad, M.R., Joy, J., Alloway, J., and Ewing-Cobbs, L. Caregiver and child interactions in infants and toddlers with traumatic brain injury. Paper presented at the meeting of the International Neuropsychological Society. Portland, OR, 2007.
88. Ewing-Cobbs, L., Prasad, M.R., Brandt, M., Bachevalier, J., Alloway, J., Upadrashta, P., Swank, P., Mendez, D., Fletcher, J., and Kramer, K. Regional brain volumes in young children with traumatic brain injury: Relations with neuropsychological outcomes. Paper presented at the meeting of the International Neuropsychological Society. Portland, OR, 2007.
89. Ewing-Cobbs, L. Pediatric traumatic brain injury: Neuropsychological and neuroimaging outcomes. Paper presented at the 17<sup>th</sup> Annual Nelson Butters' West Coast Neuropsychology Conference: Advances in the neuropsychological assessment and treatment of school-aged children with cognitive deficits. San Diego, CA, 2007.

### **National/International Presentations**

90. Ewing-Cobbs, L. Recovery from early brain injury. Paper presented at The American Academy of Clinical Neuropsychology and Oxford University Press Workshop Series. Denver, CO, 2007.
91. Ewing-Cobbs, L., Hasan, K.M., Kramer, L., Prasad, M., Swank, P., Barnes, M. and Fletcher, J. M. Arrested development and disruption of myelin in the corpus callosum following pediatric traumatic brain injury: A diffusion tensor imaging study. Paper presented at the New Frontiers in Pediatric Traumatic Brain Injury Conference, San Diego, CA, 2007.
92. Ewing-Cobbs, L., Prasad, M.R., Raches, D., Swank, P., Barnes, M.A., Kramer, L. Fletcher, J.M., and Hasan, K.M. Relation of diffusion tensor imaging metrics from the corpus callosum with neuropsychological outcomes after pediatric traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Waikola, Hawaii, 2008.
93. Prasad, M.R., Cirino, P.T., Sobhan, S., Alloway, J.A., and Ewing-Cobbs, L. Impact of caregiver-child interactions on outcome from traumatic brain injury in infants and toddlers. Paper presented at the meeting of International Neuropsychological Society. Waikola, Hawaii, 2008.
94. Ewing-Cobbs, L. Cognitive and neuroimaging correlates of fact retrieval, calculation, and estimation in children with learning difficulties. Paper presented at the meeting of International Neuropsychological Society. Waikola, Hawaii, 2008.
95. Ewing-Cobbs, L., Fletcher, J.M., Raghubar, K., Cirino, P.T., Davis, N., and Simos, P.G. Cognitive and neuroimaging correlates of fact retrieval, calculation, and estimation in children with learning difficulties. Symposium presented at the meeting of International Neuropsychological Society. Waikola, Hawaii, 2008.
96. Raghubar, K., Barnes, M., Cirino, P., Ewing-Cobbs, L., Fuchs, L., and Fletcher, J.M. Calculation errors and behavioral inattention in children with math difficulties. Paper presented at the meeting of International Neuropsychological Society. Waikola, Hawaii, 2008.
97. Cirino, P.T., Stuebing, K.K., Ewing-Cobbs, L., Barnes, M.A., Barth, A.E., Fuchs, L. and Fletcher, J.M. Latent prediction of computation and problem solving skills via cognitive arithmetic speed and accuracy. Paper presented at the meeting of International Neuropsychological Society. Waikola, Hawaii, 2008.
98. Ewing-Cobbs, L. Cognitive, instructional, and neuroimaging factors in math. Paper presented at the meeting of the Math Research Network, National Institutes of Health. Bethesda, MD, 2008.
99. Ewing-Cobbs, L. Outcome differences between abusive-inflicted and accidental damage. Paper presented at the meeting of Brain Injury in Children, Toronto, Canada, 2009.

### **National/International Presentations**

100. Prasad, M., Ewing-Cobbs, L., Johnson, C. and Swank, P. Executive skills following moderate to severe TBI in preschoolers and school-aged children. Paper presented at the meeting of International Neuropsychological Society. Atlanta, GA, 2009.
101. Juranek, J., Prasad, M., Kramer, L., Fletcher, J., Hasan, K. and Ewing-Cobbs, L. Association between amygdale volume and self-reported measures of anxiety in children with TBI. Paper presented at the meeting of International Neuropsychological Society. Atlanta, GA, 2009.
102. Raches, D., Prasad, M.R., Waugh, J., Cirino, P.T., Barnes, M.A. and Ewing-Cobbs, L. Word problem solving and attention in children with traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Atlanta, GA, 2009.
103. Ewing-Cobbs, L., Prasad, M., Kramer, L., Swank, P. Johnson, C., Jenkins, R., Fletcher, J.M. and Hasan, K.M. Traumatic brain injury and developmental changes in limbic and association pathways: A diffusion tensor imaging study. Paper presented at the meeting of International Neuropsychological Society. Atlanta, GA, 2009.
104. Carter R., Ewing-Cobbs, L., Gambello, M., Hashmi, S., Peterson, S., Potocki, L., Raia, M., and Robbins-Furman, P. Stress and well-being among parents of children with Potocki-Lupski Syndrome. Paper presented at the National Society of Genetic Counselors Annual Educational Conference. Atlanta, GA, 2009.
105. Ewing-Cobbs, L., Johnson, C., Juranek, J., Prasad, M., and Hasan, K. Diffusion tensor imaging of association and limbic pathways following pediatric traumatic brain injury: Effects of age at injury and age at scan. Paper presented at the meeting of The Second Joint Symposium of The International & National Neurotrauma Societies. Santa Barbara, CA, 2009.
106. Raches, D., Cirino, P.T., Fletcher, J.M., Barnes, M.A. and Ewing-Cobbs, L. Complex word problem solving abilities in children with math and/or reading learning difficulties. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
107. Johnson, C.P., Juranek, J., Kramer, L., Prasad, M., Swank, P., Blakely, A., Kaplan, A. and Ewing-Cobbs, L. Predicting attentional deficits following traumatic brain injury through dissociated white matter pathways of attention: A Diffusion tensor tractography study. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
108. Blakely, A., Johnson, C.P., Juranek, J., Ewing-Cobbs, L., Kaplan, A., and Prasad, M. Mean diffusivity of the orbitofrontal cortex is associated with inhibitory control in children with TBI. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.

### **National/International Presentations**

109. Ewing-Cobbs, L., Hasan, K.M., Kamali, A., Waugh, J.P., Dennis, M., Prasad, M.R., Barnes, M.A. and Swank, P. Theory of mind after pediatric TBI: Relation with microstructure of the uncinate fasciculus. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
110. Gold, A.B., Juranek, J., Prasad, M.R., Swank, P.R. and Ewing-Cobbs, L. Attention networks in children with traumatic brain injury (TBI): Relations with regional brain volumetry. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
111. Johnson, C.P., Juranek, J., Kramer, L., Prasad, M., Swank, P. and Ewing-Cobbs, L. Predicting behavioral deficits following traumatic brain injury through damage to the uncinate fasciculus: A diffusion tensor tractography study. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
112. Prasad, M., Swank, P. and Ewing-Cobbs, L. Behavioral and cognitive aspects of attention in children with traumatic brain injury one year post-injury. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
113. Raghubar, K., Johnson, C.P., Barnes, M.A., Juranek, J., Prasad, M.R. and Ewing-Cobbs, L. Relations between white matter integrity and mathematical outcomes in children with TBI and typically developing children. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
114. Treble, A., Hasan, K., Iftikhar, A., Prasad, M., Barnes, M. and Ewing-Cobbs, L. Working memory and callosal integrity following pediatric traumatic brain injury: A diffusion tensor tractography study. Paper presented at the meeting of International Neuropsychological Society. Acapulco, Mexico, 2010.
115. Ewing-Cobbs, L. Invited by the Division of Injury Response, National Center for Injury Prevention and Control at the Centers for Disease Control and Prevention to serve on: Workshop on Traumatic Brain Injury Rehabilitation. Atlanta, GA, 2011.
116. Ewing-Cobbs, L. Neuroimaging and outcome following pediatric brain injury. Invited by the American Congress of Rehabilitation Medicine to present at their pediatric pre-conference session. Atlanta, GA, 2011.
117. Martin, R.B., Cirino, P.T., Ewing-Cobbs, L., Barnes, Fuchs, L.S. and Fletcher, J.M. Stability of math skills in children categorically and continuously. Paper presented at the meeting of International Neuropsychological Society. Boston, MA, 2011.
118. Treble, A., Hasan, K.M., Swank, P.R., Iftikhar, A., Fletcher, J.M. and Ewing-Cobbs, L. Predicting verbal and visuospatial working memory deficits following pediatric traumatic brain injury through callosal subregion integrity: Paper presented at the meeting of International Neuropsychological Society. Boston, MA, 2011.

### **National/International Presentations**

119. Treble, A., Juranek, J. and Ewing-Cobbs, L. Reduced white matter integrity following pediatric traumatic brain injury: A tract based spatial statistics study. Paper presented at the meeting of International Neuropsychological Society. Boston, MA, 2011.
120. Ewing-Cobbs, L., Treble, A., Kramer, L., Swank, P. and Prasad, M. Relation between social communication and regional callosal morphometry in young children with traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Boston, MA, 2011.
121. Gorman, S., Barnes, M., Swank, P., Prasad, M., Fletcher, J.M. and Ewing-Cobbs, L. Does processing speed partially mediate the effect of pediatric traumatic brain injury on working memory? Paper presented at the meeting of International Neuropsychological Society. Boston, MA, 2011.
122. Gorman, S., Barnes, M., Prasad, M. and Ewing-Cobbs, L. The effects of pediatric traumatic brain injury on the central executive and inhibitory control in working memory. Paper presented at the meeting of International Neuropsychological Society. Boston, MA, 2011.
123. Ewing-Cobbs, L., Prasad, M.R., Swank, P.R., Kramer, L.K., Mendez, D., Payne, C., Bachevalier, J. Joint attention after traumatic brain injury in young children. Paper presented at the meeting of the International Neuropsychological Society. Montreal, CA, 2012.
124. Ewing-Cobbs, L., Prasad, M., Swank, P., Kramer, L., Mendez, D., Payne, C. and Bachevalier, J. Joint attention after traumatic brain injury in young children. Paper presented at the meeting of International Neuropsychological Society. Montreal, Canada, 2012.
125. Lloyd-Davies, A., Wilde, R., Yallampalli, R., Li, X., Chu, Z.D., Hunter, J.V. Ewing-Cobbs, L., Aitken, M.E., Mullins, S. and Levin, H.S. Diffusion tensor imaging of limbic pathways and their relation to memory after early moderate to severe pediatric traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Montreal, Canada, 2012.
126. Faber, J., Wilde, E.A., Hanten, K., Hanten, G., Li, X., MacLeod, M.C., Ewing-Cobbs, L., Aitken, M.E., Mullins, S., Chu, Z.D., Hunter, J.V. and Levin, H.S. Diffusion tensor imaging of the hippocampus and its relation to memory in moderate to severe pediatric traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Montreal, Canada, 2012.
127. Hanten, K., Wilde, E.A., Faber, J., Hanten, G., Li, X., MacLeod, M.C., Mullins, S., Aitken, M.E., Ewing-Cobbs, L., Hunter, J.V., Chu, Z.D. and Levin, H.S. Perforant pathway diffusion tensor tractography and its relation to verbal recall in children with traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Montreal, Canada, 2012.



### **National/International Presentations**

128. Ewing-Cobbs, L. Understanding recovery after pediatric traumatic brain injury: Insights from neuroimaging studies. Invited presentation at The Research Institute, Nationwide Children's Hospital, Columbus, Ohio, June 2012.
129. Ewing-Cobbs, L. Application of neuroimaging findings to pediatric traumatic brain injury. Presented at the 10<sup>th</sup> Annual Safar Symposium. Pittsburgh, PA, June 2012.
130. Ewing-Cobbs, L. Neuroimaging and neuropsychological outcomes following pediatric TBI. Presented at The North American Brain Injury Society's 10<sup>th</sup> Annual Conference on Brain Injury. Miami, FL, September 2012.
131. Ewing-Cobbs, L. Late outcomes following pediatric TBI: What do follow-up studies tell us about recovery? Panel discussion at The North American Brain Injury Society's 10<sup>th</sup> Annual Conference on Brain Injury. Miami, FL, September 2012.
132. Avci, G., Hanten, G., Faber, J., Lloyd-Davies, A., Wilde, E.A., Hanten, K., Li, X., MacLeod, M., Ewing-Cobbs, L., Aitken, M., Mullins, H., Chu, Z., Hunter, J., and Levin, H. Selective learning and memory span after early brain injury in relation to DTI. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.
133. Gorman, S., Barnes, M., Swank, P., and Ewing-Cobbs, L. Working memory development following pediatric traumatic brain injury: A longitudinal analysis. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.
134. Harik, L., Swank, P.R., Prasad, M., Hannay, H., and Ewing-Cobbs, L. Written expression following pediatric traumatic brain injury in school-aged children. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.
135. Johnson, C.P., Maxwell, E.C., Juranek, J., and Ewing-Cobbs, L. Exploring the effect of age at injury on white matter integrity in pediatric TBI. A TBSS diffusion tensor imaging study. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.
136. Maxwell, E.C., Juranek, J., Swank, P.R., Barnes, M.A., and Ewing-Cobbs, L. Math performance and white matter microstructure in children with traumatic brain injury. *J. Int. Neuropsychol. Soc.* 19(S1):197, 2013. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.
137. Merkle, T.L., Wilde, E.A., Lloyd-Davies, A., MacLeod, M., Hanten, G., Mullins, S., Ewing-Cobbs, L., Aitken, M.E., Chu, Z.D., Hunter, J.V., and Levin, H.S. Social communication and frontotemporal brain indices following early pediatric traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.
138. Prasad, M.R., Swank, P., and Ewing-Cobbs, L. Long-term school outcome in children with moderate and severe traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Waikoloa, Hawaii, February 2013.

### **National/International Presentations**

139. Ewing-Cobbs, L., Bloom, D.R., Prasad, M.R., Waugh, J.K., Cox, C.S. Jr, Swank, P.R. Reliability and validity of the Pediatric Injury Functional Outcome Scale: Assessing recovery and disability after trauma. Paper presented at the North American Brain Injury Society 11<sup>th</sup> Annual Conference, New Orleans, LA., September 2013.
140. Merkle, E.A., Wilde, E.A., Hunter, J.V., Ewing-Cobbs, L., Bigler, E.D., Aitken, M.E., Hanten, G., Mullins, S., Li, X., Chu, Z.D., Noble, L., Levin, H.S., Developmental alterations in cortical organization, verbal learning and memory following moderate to severe traumatic brain injury in adolescents injured as toddlers. Paper presented at the meeting of International Neuropsychological Society. Seattle, WA, February 2014.
141. Johnson, C.P., Ewing-Cobbs, L., Investigating the source of reading deficits following pediatric traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Seattle, WA, February 2014.
142. Johnson, C.P., Prasad, M.R., Waugh, J., Ewing-Cobbs, L. Emotion processing following pediatric traumatic brain injury. Paper presented at the 32<sup>nd</sup> annual symposium of the National Neurotrauma Society, San Francisco, CA, June 2014.
143. DeMaster, D., Johnson, C., Juranek, J, Ewing-Cobbs, L. Memory and the hippocampal formation following pediatric traumatic brain injury. Paper presented at the 32<sup>nd</sup> annual symposium of the National Neurotrauma Society, San Francisco, CA, June 2014.
144. Ewing-Cobbs, L., Prasad, M., Juranek, J, Cox, C., Swank, P. Salivary biomarkers of stress reactivity following pediatric traumatic brain injury. Paper presented at the 32<sup>nd</sup> annual symposium of the National Neurotrauma Society, San Francisco, CA, June 2014.
145. Johnson, C.P., Swank, P., Cox, C.S. and Ewing-Cobbs, L., Reading skills after traumatic brain injury in children: Relation with white matter pathways. Paper presented at the meeting of International Neuropsychological Society. Denver CO, February 2015.
146. Maxwell, E., Cirino, P.T., Sharp, C., and Ewing-Cobbs, L. The role of anxiety, family burden, and executive functioning on mathematical performance in children with traumatic brain injury. Paper presented at the meeting of International Neuropsychological Society. Denver CO, February 2015.
147. Harik, L. Johnson, C.P. and Ewing-Cobbs, L. The impact of pediatric traumatic brain injury on written expression: A diffusion tensor imaging study utilizing tract based spatial statistics. Paper presented at the meeting of International Neuropsychological Society. Denver CO, February 2015.
148. Wilde E.A., Farber, J., Hanten, G., Ewing-Cobbs, L., Aitken, M., Bigler, E.D., Yallampalli, R., Mullins, S., Chu, Z., Li, X., Hunter, J., Noble-Haeusslein, L. and Levin, H.S. Neuroimaging and long-term recovery after early TBI in children: What can tractography reveal about post-TBI development? Paper presented at the meeting of International Neuropsychological Society. Denver CO, February 2015.

### **National/International Presentations**

149. Ewing-Cobbs, L., Juranek, J., Johnson, C.P., Maxwell, E., Prasad, M., Cox, C.S., Duque, G. and Swank, P. Pathway integrity and neuropsychological outcomes during the first two years after pediatric TBI: Recovery or persistent deficit? Paper presented at the meeting of International Neuropsychological Society. Denver CO, February 2015.
150. DeMaster, D.M., Juranek, J., Ewing-Cobbs, L. A Longitudinal Investigation of Memory and the Hippocampal Formation Following Pediatric Traumatic Brain Injury. Poster Presentation at the Biennial Conference of Society for Research in Child Development. Philadelphia PA, April 2015.
151. Ewing-Cobbs, L. and Juranek, J. Neuroimaging and functional outcomes after cellular therapy for severe adult TBI. Symposium presented at the 33rd annual symposium of the National Neurotrauma Society, Santa Fe NM, June 2015.
152. Fischer, J., DeMaster D, Juranek, J., Cox, C.S, Kramer, L., Hannay, H., and Ewing-Cobbs, L. Chronic white matter damage following pediatric traumatic brain injury. Symposium presented at the 33rd annual symposium of the National Neurotrauma Society, Santa Fe NM, June 2015.
153. Ewing-Cobbs, L., Prasad, M., Juranek, J., Cox, C.S., Swank P.R. Salivary biomarkers of stress reactivity following pediatric traumatic brain injury. Paper presented at the meeting of the International Society of Psychoneuroendocrinology, September 2015.
154. Ewing-Cobbs, L., & Keenan, H.T. The impact of injury in young children: Tracking developmental and social outcomes. Symposium on traumatic brain injury in the young child: Current approaches to Rehabilitation. Presented at American Congress of Rehabilitation Medicine, Dallas, TX, October 2015.
155. Ewing-Cobbs, L., Clark, A. & Keenan, H.T. Persistent post-concussive and post-traumatic stress symptoms after in children and adolescents with mild TBI and orthopedic injury. Paper presented at the Eleventh World Congress on Brain Injury, The Hague, NL, March 2016.
156. Ewing-Cobbs, Prasad, M.R., Cox, C.S., Duque, G., & Swank, P.R. Post-traumatic stress symptoms and anxiety following pediatric injury: Relation to salivary biomarkers of stress reactivity. Paper presented at the Eleventh World Congress on Brain Injury, The Hague, NL, March 2016.
157. Tewari, A., Duque, G., Singh, P., Ewing-Cobbs, L. Predictors of post-traumatic stress symptoms in pediatric trauma injury patients. Presented at the Florida Chapter of the American Association of Pediatrics, Orlando FL September 2016.
158. Ewing-Cobbs, L. Methods for assessing changes in developmental trajectory. Presented at The National Institutes of Health Pediatric Concussion Workshop, Bethesda MD, October 2016.

### **National/International Presentations**

159. Ewing-Cobbs, L. Academic skills after traumatic brain injury: Relation to white matter integrity. Symposium: Long-term outcomes for children with traumatic brain injury presented at the 12<sup>th</sup> World Congress on Brain Injury, New Orleans LA, April 2017.
160. Fischer, J.T., Alfano, C.A., Swank, P.R., Ewing-Cobbs, L. Internalizing behavior problems and sleep disturbances follow unidirectional pathways following traumatic injury. Paper presented at the 12<sup>th</sup> World Congress on Brain Injury, New Orleans LA, April 2017.
161. DeMaster, DeMaster, D., Juranek, J., Fischer, J., Ewing-Cobbs, L. Emotion recognition and limbic white matter integrity in children with traumatic brain injury, Poster presented at the Biennial Conference of Society for Research in Child Development, Austin, TX. April 2017.
162. Ewing-Cobbs, L., Prasad, M.R., Cox, C.S., Duque, G., Swank, P.R. Reactivity of stress response systems and post-traumatic stress after pediatric injury: Impact of age and type of injury. Paper presented at the Second International Conference on Paediatric Acquired Brain Injury, Rome IT, September 2017.
163. Keenan, H.T., & Ewing-Cobbs, L.. Children's development after TBI: Infants and toddlers. Symposium: Vulnerability or sparing? The impact of developmental stage at TBI on longitudinal cognitive, psychosocial, and neuroimaging outcomes. Presented at the Second International Conference on Paediatric Acquired Brain Injury, Rome IT, September 2017.
164. Ewing-Cobbs, L., & Keenan, H.T. Impact of developmental stage at TBI on longitudinal psychosocial and post-concussive symptoms. Symposium: Vulnerability or sparing? The impact of developmental stage at TBI on longitudinal cognitive, psychosocial, and neuroimaging outcomes. Presented at the Second International Conference on Paediatric Acquired Brain Injury, Rome IT, September 2017.
165. Ewing-Cobbs, L., Cox, C.S., Clark, A.E, Holubkov, R., Keenan, H. Persistent post-concussion symptoms after pediatric injury: vulnerability and protective factors. Presented at the 3<sup>rd</sup> Joint Symposium of the International and National Neurotrauma Societies and AANS/CNS Section on Neurotrauma and Critical Care, Toronto, CA August 2018.
166. Keenan, H.T., Clark, A.E., Ewing-Cobbs, L. Unmet health care needs in children after TBI. Presented at the 3<sup>rd</sup> Joint Symposium of the International and National Neurotrauma Societies and AANS/CNS Section on Neurotrauma and Critical Care, Toronto, CA August 2018.
167. Watson, C.G., DeMaster, D., Ewing-Cobbs, L. Graph theory analysis of brain networks in pediatric TBI: Changes in connectivity strength, modularity, and efficiency. Presented at the 3<sup>rd</sup> Joint Symposium of the International and National Neurotrauma Societies and AANS/CNS Section on Neurotrauma and Critical Care, Toronto, CA August 2018.

**National/International Presentations**

168. Ewing-Cobbs, L., DeMaster, D., Watson, C., Fischer, J., Prasad, M., Juranek, J., Duque, G., Cox, C.S. Post-traumatic stress symptoms after pediatric injury: Are they related to prefrontal-limbic pathways? Presented at the Third International Conference on Paediatric Acquired Brain Injury, Belfast, N.I., September 2018.
169. Ewing-Cobbs, L. The Children's Orientation and Amnesia Test: Predicting outcome after traumatic brain injury. Presented in the symposium: Post-Traumatic Amnesia in Children at the Third International Conference on Paediatric Acquired Brain Injury, Belfast, N.I., September 2018.
170. Ewing-Cobbs, L., & Keenan, H.T. Children's development after trauma (CDAT). Webinar presented to the CDC Division Leadership and TBI Team. November 2018.

### **Local Presentations**

171. Ewing-Cobbs, L., Levin, H.S., Fletcher, J.M., Ewert, J., and Francis, D. The Children's Orientation and Amnesia Test: Normative findings and clinical implications. Paper presented at the meeting of the Texas Psychological Association. Dallas, TX, 1982.
172. Ewing-Cobbs, L. and Richie, M. Traumatic brain injury in children. Paper presented at the Texas Head Injury Foundation Conference. Austin, TX, 1988.
173. Ewing-Cobbs, L., and Jones, D. Assessment in the world of learning. Invited presentation for the 2nd Texas Instructional Institute on Traumatic Brain Injury. Austin, TX, 1993.
174. Ewing-Cobbs, L. Abusive and accidental traumatic brain injury. Seminar presented at the Early Childhood Intervention Annual Statewide Conference. Austin, TX, 1999.
175. Ewing-Cobbs, L. Don't shake the baby! Outcome following accidental and non-accidental brain injury in young children. Paper presented at the 20<sup>th</sup> Annual Texas Brain Injury State Conference. Austin, TX, 2002.
176. Miner, M.E., Cabrera, J., and Ewing-Cobbs, L. Cerebral gunshot wounds in children. Neurology/Neurosurgery Grand Rounds, University of Texas Medical School. Houston, TX, 1985.
177. Fletcher, J.M. and Ewing-Cobbs, L. Adaptive behavior deficits following closed head injury in children. Paper presented at the Third Annual Houston Conference on Neurotrauma. Houston, TX, 1987.
178. Levin, H.S., Fletcher, J.M., Ewing-Cobbs, L., Goldstein, F., Genovese, J., Miner, M.E., and Eisenberg, H.M. Neuropsychological findings in children sustaining mild head injuries. Paper presented at the Mild Head Injury Conference. Galveston, TX, 1987.
179. Fletcher, J.M. and Ewing-Cobbs, L. Neuropsychological outcome of children with traumatic brain injury. Paper presented at the Fourth Annual Houston Conference on Neurotrauma. Houston, TX, 1988.
180. Ewing-Cobbs, L. Biological basis of learning disability. Presented to the Houston Association for Children with Learning Disabilities. Houston, TX, 1989.
181. Ewing-Cobbs, L. Head injuries in childhood: Neurobehavioral consequences. Department of Pediatrics Grand Rounds, University of Texas Medical School. Houston, TX, 1990.
182. Jones, D., Ewing-Cobbs, L., and Herzog, J. Returning the brain injured child to the classroom. Presented at the meeting of the Houston Metropolitan Area Diagnosticians Association. Houston, TX, 1991.
183. Ewing-Cobbs, L. Diagnosis and treatment of attention deficit hyperactivity disorder. Seminar presented to the Fort Bend Teachers Honor Society. Houston, TX, 1992.

### Local Presentations

184. Jones, D., Ewing-Cobbs, L., Herzog, J., Maloff, L., and Weinert, J. Traumatic brain injury in children and adolescents. Presented to the Texas Education Agency Region 19 Special Educators. Houston, TX, 1992.
185. Ewing-Cobbs, L. Psychosocial issues following TBI. Presented at the Institution for Rehabilitation and Research Educators' Summer Institution Addressing the Needs of Children with Traumatic Brain Injury. Houston, TX, 1992.
186. Alpert, B., Williams, R.A., and Ewing-Cobbs, L. Could this be child abuse? A case review. Grand Rounds, Department of Pediatrics, University of Texas Houston Health Science Center, Houston, TX, 1996.
187. Ewing-Cobbs, L. Testing the child with Tourette's Syndrome. Seminar presented at the conference on Tourette Syndrome and Related Neurobehavioral Disorders, sponsored by Baylor College of Medicine and the Tourette's Syndrome Association of Houston. Houston, TX, 1999.
188. Ewing-Cobbs, L. and Landry, S.H. Neuroimaging and developmental findings in young children with accidental or abusive traumatic brain injury. Pediatric Grand Rounds. University of Texas Houston Health Science Center, Houston, TX, 1999.
189. Ewing-Cobbs, L. Neuropsychological outcome in young children with traumatic brain injuries. Houston Neuropsychological Society, Houston, TX, 2000.
190. Ewing-Cobbs, L. Neuroimaging findings, executive functions, and social competence following traumatic brain injury in young children. Houston Neuropsychological Society, Houston, TX 2003.
191. Ewing-Cobbs, L. Assessment of outcome after Pediatric TBI. Memorial Hermann Hospital Neurosurgery Research Meeting. Houston, TX, 2006.
192. Ewing-Cobbs, L. and Prasad, M.R. Outcome after inflicted and noninflicted TBI. Annual Child Abuse Conference: Recognition and Prosecution of Child Abuse. Memorial Hermann Children's Hospital. Houston, TX, 2006.
193. Ewing-Cobbs, L. and Prasad, M.R. Abusive head trauma and long-term developmental sequelae. Children's Advocacy Centers of Texas Medical Forum. Memorial Hermann Children's Hospital. Houston, TX, 2007.
194. Ewing-Cobbs, L. Recovery from pediatric brain injury: Insights from structural neuroimaging. Grand rounds, The University of Texas Health Science Center at Houston, Department of Psychology and Behavioral Science. Houston, TX, 2008.
195. Ewing-Cobbs, L. From neurons to networks: How experience changes the brain. Children's Learning Institute "Breakfast with the Experts". Houston, TX, 2009.
196. Ewing-Cobbs, L. The Developing Brain. The Arbor School. Houston, TX, 2009.

### **Local Presentations**

197. Ewing-Cobbs, L. and Mancias, Pedro. Neural mechanisms in developmental delay, developmental regression, and learning disabilities. *Neurobiology of Disease*. Houston, TX, 2009.
198. Ewing-Cobbs, L. Pediatric traumatic brain injury: Neuropsychological and Neuroimaging outcomes. *Neurobiology of disease: The developing brain*. Houston, TX, 2009.
199. Ewing-Cobbs, L. Attention and inattention. Presented to The River Oaks Baptist School. Houston, TX, 2012.
200. Ewing-Cobbs, L. How serious is that bump – the impact of a concussion. Presented at the Friends of the Children’s Learning Institute Lunch & Learn. Houston, TX, 2012.
201. Ewing-Cobbs, L. Attention deficit hyperactivity disorder: Update on diagnosis, brain studies, and interventions. Children’s Learning Institute Lunch and Learn, Houston TX, October 2014.
202. Ewing-Cobbs, L. How serious is that bump – the impact of a concussion on children, families, and schools. Presented at Regis School of the Sacred Heart, Houston, TX, October 2014.
203. Ewing-Cobbs, L., Traumatic brain injury in children and adolescents: Neuroimaging, cognitive, and behavioral outcomes. Grand Rounds, Department of Psychiatry and Behavioral Sciences, November 2015.
204. Ewing-Cobbs, L., Persistent postconcussion symptoms after pediatric injury Grand Rounds, Department of Pediatrics, November 2018.