



MAKING CONNECTIONS

TEAM LUKE HOPE FOR MINDS
6TH ANNUAL

PEDIATRIC BRAIN INJURY
CONFERENCE & RESOURCE FAIR

NOVEMBER 4-5, 2022 | AUSTIN, TX

Keynote Speakers

Dr. Ryan Cedermark, FNP-C, DC, DACNB

Dr. Brandon Crawford, DC, FIBFN

Dr. Paul Harch, M.D.

THANK YOU TO OUR SPONSORS,
PRESENTERS & VOLUNTEERS!





TEAM LUK3

HOPE FOR MINDS

Our mission is to enrich the lives of children with a brain injury and give hope to their families through support and education.

At the heart of our services is the conviction that the health and well-being of our children can improve over time if families have access to educational materials, therapeutic services and adaptive equipment for their children.

SPECIAL THANKS TO OUR TOP SPONSORS



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WELCOME

Thank you for attending our 6th Annual Making Connections Pediatric Brain Injury Conference & Resource Fair.

Our hope is that by attending Making Connections you will find helpful resources and have the opportunity to network with others on a similar journey. Each of our presenters will provide informative sessions for you. We are sure they will offer something new for you to put in your toolbox of knowledge. Team Luke Hope for Minds is here to offer guidance and support. Please let us know how we can support you!

We had a number of sponsors step forward to help us make this conference happen. We are particularly thankful to Woodlawn Baptist Church for supporting our conference by providing a fabulous space.

Special thanks to all our presenters! We are so grateful for each of them.

Sincerely,
Tim Siegel & Ronda Johnson

GUIDELINES FOR A SUCCESSFUL CONFERENCE FOR ALL

- If your child is being disruptive during a presentation, please step out of the room.
- When you are talking to a presenter/sponsor, be mindful of the time. We want everyone to have an opportunity to visit with every presenter/sponsor.
- Please plan to get to the sessions on time. If you enter late, be as quiet as you can. We are recording the sessions.
- Please bring your program/bag with you on Saturday. We don't have enough for each family to have two.

THINGS TO KNOW

- We have volunteers to watch your children. Come to the TLHFM's table for more information.
- There are changing tables in the bathrooms outside of the Worship Center & in the family bathrooms. For larger children, use the "Changing Room". Check map for location.
- Snacks are available throughout the day close to the entrance on the tables on the right.

SCHEDULE

FRIDAY, NOV. 4TH

- 1:00 - 1:30 Registration/Resource Fair
- 1:30 - 1:45 Welcome by Tim Siegel & Ronda Johnson-Worship Cntr
- 1:45 - 2:00 Break/Resource Fair
- 2:00 - 3:00 **Session 1 Breakout Groups**
- Communication Devices and Acquired Brain Injuries* by Kirstin White B.S SLPA & Kristy Gibson, M.A., CCC-SLP- Worship Center
 - Marriage Matters* by Stacey Gesinger, LMFT - M103
 - Feeding your Body and Brain* by Dwan Newman, RD, LDN, CNSC - M105
- 3:00 - 3:30 Resource Fair/Break
- 3:30 - 4:30 **Session 2 Breakout Groups**
- *Medical Cannabis in an Acquired Brain Injury: knowns and unknowns* by Dr. Keough- Worship Cntr
 - Ready & Relaxed* by Dr. Belinda Palmer - M103
 - *Texas Medicaid and Medicaid Waivers* by Elizabeth Tucker - M105
- 4:30 - 4:45 Resource Fair/Break
- 4:45 - 5:45 **Session 3 Breakout Groups**
- *Neuro Nutrients After Brain Injury: A Parents Guide To How Supplementation Can Improve Quality Of Life* by Dr. Gutierrez - Worship Center
 - Music Therapy on the Brain: Three Case Studies* by Danielle Baumgartner, MT-BC - M103
 - Pyramid of Neurodevelopment; Using the Senses for Rehabilitation: A Case Study* by Dr. Kalambaheti - M105
- 5:45 - 6:00 Closing

We look forward to seeing you tomorrow!

SCHEDULE

SATURDAY, NOV. 5TH

8:30 - 9:00 Registration/Resource Fair

9:00 - 9:15 Welcome by Tim Siegel & Ronda Johnson

9:15 - 10:30 **Keynote Presentation by Dr. Brandon Crawford & Ryan Cedermark**

The Research and Clinical Applications Behind Vagus Nerve Stimulation Through Laser and Electrical Therapy - Worship Center

10:30 - 11:00 Resource Fair

11:00 - 12:00 **Session 4 Breakout Groups**

-Reaching Further: An Integrative Approach to Supporting Healthy Muscle Tone in Children with Neurological Conditions by Dr. Ryskowski - Worship Center

-Physical Medicine & Rehabilitation (PM&R) Approach to Pediatric Brain Injury by Dr. Maureen Nelson- M103

-Alternative Exercise Methods to Improve Brain Neuroplasticity by Jonathan Parr, PT & Shelby Foti, PT, SPT- M105

12:00 - 1:00 Lunch (Fellowship Center & West Hall)

1:00 - 2:00 **Session 5 Breakout Groups**

-How to Activate a Developing Brain by Dr. Conner Bor- Worship Center

-How are we doing this, and how are we doing? Finding meaning, love, and even joy along the arduous path of caregiving by Dr. Reardon- M103

-Treat Yourself! by Kristin Hughes, OTR- M105

-Managing Challenging Behaviors by Dr. Wright- A100

2:00 - 2:15 Resource Fair/Break

2:15 - 3:15 **Keynote Presentation by Dr. Paul Harch, M.D.**
HBOT for Pediatrics - Worship Center

3:15 - 3:30 Closing

SESSION 1 INFORMATION

2:00 - 3:00 PM

Communication Devices and Acquired Brain Injuries by Kirstin White, B.S SLPA & Kristy Gibson, M.A., CCC-SLP

Exploring communication devices, different access methods and what to look for when trialing high tech communication devices after an acquired brain injury

Marriage Matters by Stacey Gesinger, LMFT

This presentation will focus on practical tools to help couples reconnect and communicate better.

Feeding your Body and Brain by Dwan Newman, RD, LDN, CNSC Pediatric Dietitian and Clinical Science Liaison - Kate Farms

A healthy diet after brain injury is essential for optimum recovery. Nutrition is an important part of brain injury recovery because both the brain and body need proper nutrients in order to heal. Without good nutrition, malnutrition is common and can impair healing, rehabilitation and increase risk for infections. Learn how nutritional therapy with food and nutritional supplements can help provide important calories, amino acids, vitamins and minerals, antioxidants, and fiber to improve both our overall health and our brain function.

SESSION 2 INFORMATION

3:30 - 4:30 PM

Medical Cannabis in an Acquired Brain Injury: knowns and unknowns by Dr. Keough

We will discuss the hope and hype for medical cannabis in treating patients with a brain injury, including potential benefits and risks, clinical approach, and the role of the Texas Compassionate Use Program.

Ready & Relaxed by Dr. Belinda Palmer

This presentation will teach you diaphragmatic breathing to help manage and reduce stress.

Texas Medicaid and Medicaid Waivers by Elizabeth Tucker

Learn important information about Texas long-term services and supports that may be available to your family, including Medicaid and Medicaid waivers.

SESSION 3 INFORMATION

4:45 - 5:45 PM

Neuro Nutrients After Brain Injury: A Parents Guide To How Supplementation Can Improve Quality Of Life By Dr. Emily Gutierrez

Choosing dietary supplements can be a confusing and overwhelming task for parents, especially when their goal is to support their child's brain health. In this lecture, Dr. Gutierrez will go over several of the most common nutrients used to support cognition and neurodevelopmental needs. She will guide parents through the science, discuss how to be a savvy consumer in a market full of millions of products, and give examples of success stories from her long history of clinical practice.

Music Therapy on the Brain: Three Case Studies By Danielle Baumgartner, MT-BC

A Music Therapist shares her experiences working with three different clients, each diagnosed with a brain injury. Hear how one client regained mobility and confidence after an accident left him with a TBI, how music therapy helped a client reduce anxiety and brought comfort, and lastly, how music therapy reinforced a communication outlet that allowed a client to independently voice his needs and wants. Through these stories, Danielle will describe what families can expect from music therapy, how it can impact an individual's quality of life, and how to find a Board Certified Music Therapist.

SESSION 3 INFORMATION CONTINUED

Pyramid of Neurodevelopment; Using the Senses for Rehabilitation: A Case Study By Dr. Kalambaheti

The Pyramid of Neurodevelopment walks families step by step through the most foundational aspects of human neurology to the most sophisticated. During this, different specialties are discussed, like functional neurology, physical therapy, occupational therapy, and applied behavioral analysis, in terms of what neurological functions they best address. This helps give families a guide on what types of therapies to look into next. Using the Senses for Rehabilitation will go into the 6 senses and how to best harness them to benefit your child's brain. A real patient example will be given to highlight how vision, olfaction, taste, touch, hearing, and proprioception can be used during rehabilitation to stimulate the brain.

KEYNOTE PRESENTATION

9:15 - 10:30 AM

The Research and Clinical Applications Behind Vagus Nerve Stimulation Through Laser and Electrical Therapy

By

Dr. Ryan Cedermark, FNP-C, DC, DACNB

&

Dr. Brandon Crawford, DC, FIBFN

The below items will be discussed during the
presentation:

- The research behind vagus nerve stimulation and why it is important in brain injury
- Pilot study discussing safety/efficacy of our lasers
- Clinical applications of vagus nerve stimulation through laser and electrical therapy



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SESSION 4 INFORMATION

11:00 AM - 12:00 PM

Reaching Further: An Integrative Approach to Supporting Healthy Muscle Tone in Children with Neurological Conditions **by Dr. Amanda Ryskowski**

In this presentation, Dr. Ryskowski describes some of the most widely used interventions for managing spasticity and dystonia and highlights the gaps that exist within the current treatment approach. She explores the pathophysiology behind hypertonicity and contractures, then discusses how minimally invasive hyaluronidase injections can help to prevent and treat contractures, improve range of motion, and allow children to further their motor development. She also discusses how other naturopathic interventions such as topical creams, magnesium, amino acids, and botanical medicine can play a role in supporting children struggling with tone issues.

Physical Medicine & Rehabilitation (PM&R) Approach to Pediatric Brain Injury **by Dr. Maureen Nelson**

In this presentation, Dr. Nelson will discuss what Physical Medicine & Rehabilitation (PM&R) does and how that can impact your child with pediatric brain injury from acute care, to rehab unit, & down the line.

SESSION 4 INFORMATION

CONTINUED

Alternative Exercise Methods to Improve Brain Neuroplasticity **by Jonathan Parr, PT & Shelby Foti, PT, DPT**

The purpose of the presentation is to provide information on alternative ways to engage those who are not cognitively able to participate in exercises while making it fun using in traditional strength and conditioning principles versus purely rehabilitation exercises

SESSION 5 INFORMATION

1:00 - 2:00 PM

How to Activate a Developing Brain by Dr. Conner Bor DC DACNB

How to incorporate sensory and motor modalities to target weak/injured areas of the brain to promote positive neuroplasticity.

Treat Yourself! by Kristin Hughes, OTR

Tools, tips, and exercises for parents and caregivers to treat themselves to reduce stress, anxiety, and mental fatigue.

How are we doing this, and how are we doing? Finding meaning, love, and even joy along the arduous path of caregiving by Michael Reardon, M.D.

In October 2019, Dr. Reardon's youngest son, Brady, suffered a severe traumatic brain injury as a result of a car accident. Since that time, the process of acknowledging and grieving the losses, adapting to ever changing levels of functioning and care needs, the effort to promote as much recovery as possible, giving sufficient attention to work, the rest of the family, and self, and accepting the miracle of finding meaning, purpose, and happiness in the midst of all these difficulties, has all combined into a spiritual, personal, and professional lifework for Dr. Reardon. He hopes that continuing to share his good and not-so-good

SESSION 5 INFORMATION

CONTINUED

experiences, successes and failures, and his somewhat unique point of view, can benefit others who are traversing similar life journeys.

Managing Challenging Behaviors **by Lori Wright, PhD**

The presentation will review fundamentals of behavior modification in an easy-to-understand format and provide practical suggestions and strategies for managing problematic behaviors. This will be an informal presentation that welcomes questions about particular behaviors.

KEYNOTE PRESENTATION

2:15 - 3:15 PM

Hyperbaric Oxygen Therapy Facilitates Stem Cell Implantation: Yet Another Beneficial Effect of HBOT

By

Dr. Paul Harch, M.D

Hyperbaric oxygen therapy is a dual-drug therapy consisting of increased pressure and increased oxygen. All living organisms are sensitive to changes in atmospheric pressure and oxygen. HBOT utilizes this sensitivity by increasing pressure and oxygen to a patient to stimulate genes in our chromosomes that inhibit inflammation and produce growth and repair hormones. The target of these hormones are wounds in our body. In essence HBOT is a treatment for wounds in any location in the body and of any duration. Traditionally, the medical profession has not thought of diseases as wounding conditions. In this talk Dr. Harch will show how most neurological diseases, including pediatric neurological diseases, are wounding conditions. Examples will be shown of HBOT's effectiveness in a number of cases and the justification made for application to many pediatric neurological conditions, especially those resulting from birth injury.

PRESENTERS

DANIELLE BAUMGARTNER, MT-BC

Danielle Baumgartner is a Board Certified Music Therapist who received a Bachelor of Science in Music Therapy from Indiana University. Since starting Roads of Connection Music Therapy in 2011, Danielle has worked with individuals diagnosed with intellectual and developmental disabilities. Services are client-centered working to bring growth through empowerment and interpersonal relationships. Ultimately, Danielle believes development achieved in music therapy can be moved outside the session, connecting the roads formed in the session space to those at home and school for continued success.

DR. CONNER BOR DC DACNB

Dr. Conner Bor has completed over 600 hours in training the field of Functional Neurology and was the President of the Functional Neurology club while in school. He went on to receive a Diplomate in Chiropractic Neurology through the American Chiropractic Neurology Board. Dr. Bor is also fellowship trained in the management of childhood developmental disorders through the International Association of Functional Neurology.

RYAN CEDERMARK, FNP-C, DC, DACNB

Dr. Ryan Cedermark graduated Magna Cum Laude from Life University in 2011. While in school, Dr. Cedermark enrolled in post-graduate neurology courses, earning his Diplomate in Neurology from the American Chiropractic Neurology Board in 2013. Passionate about a multidisciplinary approach to healthcare, Dr. Cedermark graduated Magna Cum Laude with his Bachelor of Science in Nursing from Duke University and completed a Family Nurse Practitioner program at Georgia State University in 2018. Dr. Cedermark currently serves as

PRESENTERS

RYAN CEDERMARK, FNP-C, DC, DACNB

adjunct faculty at National University teaching in the Master's Program. Dr. Cedermark is also a Certified Functional Medicine Practitioner and serves on the board of the International Association of Functional Neurology and Rehabilitation (IAFNR) as well as the Medical Advisory Board for SNA Biotech. Dr. Cedermark's multidisciplinary educational background creates a unique approach in today's healthcare environment.

DR. BRANDON CRAWFORD, DC FIBFN-CND

Dr. Crawford has been practicing Chiropractic and holistic healing since 2010 and has learned under and from the best minds in Chiropractic, functional neurology, and functional endocrinology. He is a board certified Developmental Functional Neurologist via the International Board of Functional Neurology. Dr. Crawford is known in the the profession as the laser expert! He focuses on innovative approaches to healing via the use of laser and light therapy. He focuses heavily on education and helping our clients understand the use of photobiomodulation so to fully maximize use of this great modality. His expertise is how to safely and most effectively apply laser and light therapy on the brain and nervous system to facilitate full body health and healing.

SHELBY FOTI, PT, DPT

Shelby, a former cross fit athlete and one of PARR PT's physical therapy specialists, works with complex neurological conditions related to TBI, Spinal cord injury, and Parkinson's disease. She uses alternative methods to exercises to help with brain neuroplasticity to achieve faster and greater results. She is currently part of the gait training research being performed at PARR PT.

PRESENTERS

STACEY GESINGER, LMFT

Stacey is a Licensed Marriage and Family Therapist who is passionate about providing therapy to families whose child has a traumatic brain injury. She also loves to work with couples and help them improve communication and connection.

KRISTY GIBSON, M.A., CCC-SLP

Kristy Gibson, M.A., CCC-SLP has supported individuals with a variety of complex/communication needs for over 20 years, enjoying the last 3 years with Tobii Dynavox. Her combined experience as an educator, assistive technology provider and speech-language pathologist across the lifespan for individuals with complex communication needs has allowed Kristy experiences in a variety of practice settings & state/national conference presentations.

DR. EMILY GUTIERREZ

Dr. Emily Gutierrez is the chief scientific medical liaison and formulator for Neuro Nutrients and has over a decade of clinical experience managing patients in her busy practice with Neuronutrition Associates, one of the first pediatric focused functional medicine practices opened in the United States. Dr. Gutierrez received her doctorate from Johns Hopkins University with a focus in translational medicine as a doctor of nursing practice. She received her masters degree from the University of Texas at Austin and is board certified as a pediatric nurse practitioner. Dr. Gutierrez is also board certified through the Institute of Functional Medicine, board certified as a clinical

PRESENTERS

DR. EMILY GUTIERREZ (CONT)

nutritionist, and board certified as a primary care mental health specialist. In addition to actively managing patients in her private practice in Austin, Texas, she also is adjunct faculty at Johns Hopkins University where she lectures on integrative and functional medicine.

DR. PAUL HARCH, M.D.

Paul G. Harch, M.D. is an emergency medicine and hyperbaric medicine clinician who is Clinical Professor of Medicine, Section of Emergency Medicine, at LSU School of Medicine, New Orleans, and former director of the University Medical Center Hyperbaric Medicine Department and LSU Hyperbaric Medicine Fellowship. Dr. Harch initiated and maintains a private practice that has resulted in the largest case experience in neurological hyperbaric medicine in the world.

In this practice, he adapted the concepts of conventional hyperbaric oxygen therapy to wounds in the central nervous system that spawned the subsequent academic and research practice. Beginning with brain injured divers and boxers in 1989, he applied his protocol to the first HBOT-treated cerebral palsy (1992) and autistic children (1996-2000) in this country and multiple other cerebral disorders, including most recently the first PET documented Alzheimer's case (1/2019) and a subacute drowned child (Medical Gas Research 3/2017). This drowning case was the first demonstration of global regrowth of brain tissue in humans. He has now treated the largest series of drowned children in the world, over 100 children. In addition, he has successfully treated U.S.

PRESENTERS

DR. PAUL HARCH, M.D. (CONT)

servicemen with TBI and PTSD, publishing the first case in 2009, a case series in 2012, a case-controlled series in 2019, and in March, 2020. Dr. Harch's work and perspective on hyperbaric oxygen therapy was published in his book, *The Oxygen Revolution*, where HBOT is explained as an epigenetic therapy with expected revolutionary effects on medicine and neurology.

KRISTIN HUGHES, OTR

Kristin Hughes is a pediatric occupational therapist who is passionate about working with children and their families. She has 20 years of professional experience working with children and families living with autism and developmental disorders. She has pursued extensive training in Masgutova Neurosensoriomotor Reflex Integraion (MNRI®), Craniosacral therapy, and Relationship Development Intervention (RDI®). Kristin uses a combination of therapeutic methods to improve various areas that are essential to healthy childhood development such as fine motor skills, gross motor skills, self-regulation, sensory processing, and play skills. She specializes in reflex integration work and believes it is the key foundation for functional movement, cognition, and social-emotional growth. Currently, Kristin is working alongside Dr. Brandon Crawford at the Austin Center for Developing Minds using a multidisciplinary approach to brain rehabilitation. She uses developmental functional neurology combining hemispheric intervention using the Melillo Method, with photobiomodulation therapy, using Neurosolution lasers to achieve groundbreaking results in traumatic and anoxic brain injuries.

PRESENTERS

DR. EMILY KALAMBAHETI

Dr. Emily Kalambaheti is a Chiropractic Neurologist, Functional Medicine Hyperbaric Clinician, and the Director of Rehabilitation of Florida Surgery Consultants Brain Lab where she examines and treats patients with neurological conditions including post-concussion syndrome, traumatic brain injury, and cerebral palsy. With an emphasis on neurodevelopment during her Clinical Neuroscience Master's program, Dr. K is passionate about sharing knowledge to improve children's neurological health.

KAREN KEOUGH, MD

Dr. Keough trained as a Child Neurologist at Duke University in 2000, and moved to Austin in 2006. She initiated the child neurology residency program in 2012, now affiliated with Dell Medical School at the University of Texas, Austin and also founded the Tuberous Sclerosis Center in Austin. She currently serves on Board of the Directors for the Texas Neurology Society, and the Neurology Child Examination Committee for the American Board of Psychiatry and Neurology and , In 2017, Dr. Keough was named Chief Medical Officer for Compassionate Cultivation, an Austin, Texas-based company licensed by the state to grow, process, and dispense medical cannabis.

PRESENTERS

MAUREEN R NELSON, MD

Maureen R Nelson, MD graduated from the University of Illinois and University of Illinois College of Medicine, then did internship and Physical Medicine & Rehabilitation (PM&R) residency at UTHSCSA here in San Antonio, then Pediatric PM&R fellowship at A I duPont Institute. First job at Baylor College of Medicine (BCM) in Houston, working primarily at Texas Children's Hospital, now back working for BCM as Professor of Pediatrics and PM&R, this time at Children's Hospital of San Antonio (CHofSA). Many years of practice, national presentations, and book chapters all related to Pediatric Rehabilitation

DWAN NEWMAN, RD, LDN, CNSC

Dwan is a pediatric dietitian with over a decade of clinical experience caring for children in the in-patient and out-patient settings, specifically with Gastroenterology Hepatology and Nutrition, most recently at Texas Children's Hospital. She understands the importance of nutrition for healing and believes a patient centered care model is essential to achieving the best possible outcomes with her patients. She previously managed adult TBI patients in both the Neuro ICU and step-down units at Massachusetts General Hospital. She is currently a Clinical Science Liaison at Kate Farms.

DR. BELINDA PALMER

Dr. Belinda is a wife and mother of three kids, two giant dogs, and one little fish. She is a chiropractor and is certified in the Melillo Method. She lives and practices in Homewood Alabama. In her free time she loves to read and color.

PRESENTERS

JONATHAN PARR, PT

Jonathan has been a PT for 13 years with specializations in TBI, strokes, spinal cord injuries, and complex neuro conditions. He also competed in 6 seasons of American Ninja Warrior.

MICHAEL REARDON, M.D.

Dr. Reardon is a Child Neurologist who has been practicing in Austin since 2005, providing care for children and adolescents with a wide range of neurological issues. He initiated the Dell Children's Concussion Clinic in 2010, and spent much of his professional time directing that program, until his group transitioned into a private practice, Child Neurology Consultants of Austin, in 2016. In October 2019, his youngest son, Brady, suffered a severe TBI as a result of a car accident. Since that time, the process of acknowledging and grieving the losses, adapting to ever changing levels of functioning and care needs, the effort to promote as much recovery as possible, giving sufficient attention to work, the rest of the family, and self, and accepting the miracle of finding meaning, purpose, and happiness in the midst of all these difficulties, has all combined into a spiritual, personal, and professional lifework for Dr. Reardon. He hopes that continuing to share his good and not-so-good experiences, successes and failures, and his somewhat unique point of view, can benefit others who are traversing similar life journeys.

PRESENTERS

DR. AMANDA RYSKOWSKI

Dr. Amanda Ryskowski is a second-year resident at Total Wellness Medical Center in Surprise, Arizona, where she practices under the tutelage of Dr. Kenneth Proefrock. As an integrative primary care physician, she offers a compassionate, individualized approach to patient care. She enjoys helping children and adults with a variety of complex conditions, but she especially loves helping kids with neurological conditions attain a better quality of life. Dr. Ryskowski received her Bachelor of Arts in Biology from the University of Oregon, and her Doctorate in Naturopathic Medicine (NMD) from the Southwest College of Naturopathic Medicine. She has received additional training in hyperbaric oxygen therapy, botanical medicine, autologous tissue therapies, and psychedelic psychotherapy. In her spare time she enjoys reading, teaching yoga, and traveling with her husband and two-year old daughter.

PRESENTERS

ELIZABETH TUCKER

Elizabeth Tucker, Executive Director of EveryChild, has 36 years of experience in advocacy, policy, and program development to support children and adults with significant disabilities to live fully inclusive lives in their homes and communities. For the past 15 years, she has worked for EveryChild and has assisted more than 650 children living in institutions or at imminent risk of institutionalization to live with families. Over sixty percent of the children EveryChild has supported needed a host family. Elizabeth has a deep understanding of Texas Medicaid and works closely with the Texas Health and Human Services Commission and the Texas Department of Family and Protective Services to develop public policy that improves the lives of individuals, children, and families. Elizabeth participates in a variety of state-level advisory groups including the Policy Council for Children and Families and as chair of the STAR Kids Medicaid Managed Care Advisory Committee.

KIRSTIN WHITE B.S SLPA

Kirstin White, B.S., SLPA has been working in the speech and AAC world for over ten years. She has worked with Tobii Dynavox as the Austin Texas consultant for the last four, supporting those with complex communication needs. Starting as a teenager she worked with children with communication devices, which she turned into a career as a SLPA at a pediatric clinic and now combines that experience to provide support in a variety of settings for individuals across the lifespan. Bringing people a voice is something she's truly passionate about.

PRESENTERS

LORI WRIGHT, PHD

Dr Wright is a licensed counseling psychologist and have completed a post doctoral fellowship in neuropsychology. I currently work at the Central Texas VA in Austin and provide services to veterans. For sixteen years I worked with adults and adolescents diagnosed with brain injuries or neurological disorders in a post acute inpatient rehabilitation facility in the Texas hill country. I have experience completing evaluations on children and adolescents who have neurological challenges and may need accommodations in the community.



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TAMPA TRAUMATIC BRAIN INJURY LAB.

Genesis Brain Institute is proud to announce the opening of our state of the art Traumatic Brain Injury Lab. This comprehensive lab is a year of collaborative medical and scientifically based efforts in its development. The Lab includes the most sophisticated diagnostic equipment (QEEG, VNG, Cognitive Testing) for precise identification and severity of the injury, along with the latest scientifically based therapies to help patients restore brain function and quality of life.

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Videonystagmography (VNG)

It's designed to test and document a person's ability to follow visual objects with their eyes and how well that person's eyes respond to stimuli from the vestibular system

This is a completely objective test to determine if the patient suffered from a head injury



Neurofeedback

Measures brainwaves and gives feedback to change basic "wiring of the brain"

Improves sensory motor function to reduce seizure activity correlated with head injury

Patient can see real time to how to increase self awareness and mood regulation.



Virtual Reality Therapy

Helps reduce emotional reactivity, sensory issues, and cognitive processing deficits.

Helps increase connectivity lost between the grey and white matter

Increases sensory processing

Helps with vestibular rehabilitation

LogVenture



Transcranial Magnetic Stimulation

Helps reduce symptoms of depression and OCD

Increases sensory motor rhythm to increase resilience

Accelerates return to more normalized brain function

Improves quality of life



Hyperbaric Chamber

Delivers more oxygen to the brain to help recover from trauma

Forces oxygen into blood vessel to promote healing of oxygen-starved tissues

Suppresses inflammation



Vestibular Therapy

Specialized program designed to improve balance and reduce problems related to dizziness

Based off of the assessments performed, vestibular program can be customized to the patients' needs

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NeuroFit Nutrition Presents:

Neurotransmitter Testing To Support a Recovering Brain

Please stop by our table & learn how urine NT testing can help the body's recovery process. This simple test can bio-hack the inflammation cycle, using all natural nutrients to support brain balance, customized for each patient.

- Urine test collected from home
- Measures Glutamate, GABA, Serotonin, Histamine, Dopamine, Adrenaline
- Symptoms of NT Problems: headaches, depression, anxiety, insomnia, focus issues, seizure disorders



Test, don't guess!



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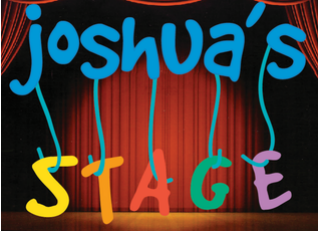
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Notes

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