

**Learning outcomes: 13th Annual Northern Kentucky Brain Injury Conference
Therapeutic Interventions: A Team Approach**

Content Topic	Learning Outcomes	Time Frame	Presenter
<p>Brain Injury Therapeutics: Learning From “Learning Health Systems”</p>	<ol style="list-style-type: none"> 1. Will describe a precision medicine approach to treatment 2. Will identify differences between evidence-based practice and practice-based evidence 3. Will describe and define a learning health care system 4. Will identify ways in which they can improve the healthcare system 	<p>8:00am -9:00am</p>	<p>Laura B, Ngwenya, MD, PhD <i>Director of Neurotrauma Center, University of Cincinnati Gardner Neuroscience Institute</i></p>
<p>Survival of the Fittest: Navigating Social Security, Medicaid, and Medicare in the World of Brain Injury - The Basics</p>	<ol style="list-style-type: none"> 1. Will describe the application and determination guidelines for Social Security Disability and Supplemental Security Income 2. Will describe the application and determination guidelines for Medicaid/Medicaid Waiver 3. Will identify the difference between Medicare and Medicaid 4. Will demonstrate that there are always IF’s, AND’s, and BUT’s 	<p>9:15am -10:00am</p>	<p>Julie Brennan, LSW, CCM <i>NeuroRestorative-Louisville;</i></p> <p>Pam Pearson, MSSW, CCM <i>Pathways Brain Injury Program- Louisville</i></p>

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<p align="center">A Novel Approach to AAC: Maximizing Language Recovery for People with Aphasia</p>	<ol style="list-style-type: none"> 1. Will list the pros and cons of three common interface designs in terms of using augmentative and alternative communication for people with aphasia. 2. Will describe and differentiate what it means to support communication and to facilitate language recovery. 3. Will describe how to apply principles of plasticity and intersystemic reorganization to promote language recovery in people with post-stroke aphasia. 	<p align="center">9:15am -10:00am</p>	<p align="center"><i>Aimee Dietz, PhD CCC-SLP</i> <i>University of Cincinnati</i> <i>Cassie Ginn, MS, OTR/L, CBIS</i></p>
<p align="center">Breaking the Crisis Cycle: Ways to Prevent and De-escalate Crisis Situations</p>	<ol style="list-style-type: none"> 1. Will identify the different stages of the crisis cycle 2. Will learn and be able to see a demonstration on how body language can escalate or de-escalate a situation 3. Will learn de-escalation techniques 	<p align="center">9:15am -10:00am</p>	<p align="center"><i>Ann Mitchell, LCSW, LISW-S</i> <i>SUN Behavioral Health Kentucky</i></p>
<p align="center">You Got This! Knowing Your Inner Strength, Knowledge, and Resilience to Cope with Life Stressors</p>	<ol style="list-style-type: none"> 1. Will describe stress and how it directly impacts our mental and physical health 2. Will provide participants the opportunity to reflect on what areas of their life cause them stress and how it impacts their health 3. Will provide participants various coping techniques to help with resilience and stress management 4. Will provide participants with the opportunity to participate in various coping and relaxation techniques 	<p align="center">10:15am -11:00am</p>	<p align="center"><i>Natalie Deering, MS, LPP, CMI,</i> <i>YT-200</i> <i>Eastern Kentucky University</i> <i>Counseling Center</i></p>

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<p align="center">Concussion in Sports – Update 2019</p>	<ol style="list-style-type: none"> 1. Will demonstrate overall greater insight regarding current “best practice” principles regarding the diagnosis and treatment of sport related concussions. 2. Will demonstrate greater understanding regarding the treatment “Hallmark” of adequate physical and cognitive rest. 3. Will demonstrate greater insight regarding current trends and research regarding the prevention of sports-related concussions. 	<p align="center">10:15am -11:00am</p>	<p align="center">Michael J. Miller, MD, Medical Director <i>St. Elizabeth Healthcare Sports Medicine</i></p>
<p align="center">Driving After TBI: One Survivor’s Experience</p>	<ol style="list-style-type: none"> 1. Will identify at least three skills needed for successful return to driving. 2. Will identify the basic process for returning to drive. 3. Learner (Survivor/Caregiver) will be able to identify strategies to apply during their return to driving journey. 	<p align="center">10:15am -11:00am</p>	<p align="center">Bethanie Skaggs-Manley, MS, OTR/L, CBIS, CDRS, <i>NeuroRestorative-Georgetown</i> Vicki Boyles, TBI Survivor</p>
<p align="center">Therapeutic Team Approach to Injury and Recovery</p>	<ol style="list-style-type: none"> 1. Will describe the experience and traumatic story of Kourtney’s accident and injuries. Discuss the complex challenges Kourtney’s injury and recovery has had on her, the clinician and family. 2. Will apply principles of skilled therapy assessment, effective intervention and health care team approach to traumatic brain injury recovery for best outcomes. 3. Will demonstrate how the approach and outlook of the survivor, family and health care team in recovery can make the difference. 	<p align="center">11:30am -12:30pm</p>	<p align="center">MODERATOR: Melissa Fisher, MBA</p> <p align="center">PANEL: Mollie Fischer PT, DPT, GCS; Denise Slone, OTR/L <i>Encompass Health NKY Rehab Hospital</i></p> <p align="center">Kourtney Hurst, RT, TBI Survivor St. Elizabeth Healthcare:</p>

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<p align="center">Being Mindful of Pharmacogenomics</p>	<ol style="list-style-type: none"> 1. Will describe the utility of pharmacogenomics as related to drug efficacy and decreasing the risk of adverse drug events. 2. Will state which genes have been related to pharmacotherapy of traumatic brain injury. 3. Will identify the effects of genetics on pharmacotherapy related to traumatic brain injury; 4. Will identify the source of evidence-based clinical pharmacogenomics practice guidelines. 	<p align="center">1:00pm -2:00pm</p>	<p align="center"><i>David F. Kisor, BS, PharmD Manchester University</i></p>
<p align="center">I Can See It in Your Eyes: The Case for Expanding the Variety of Assessments Predicting Recovery from Brain Injury</p>	<ol style="list-style-type: none"> 1. Identify prevention strategies for traumatic brain injuries and the symptoms of mild, moderate, and severe brain injuries 2. Examine the appropriate use, scoring, and limitations of the Glasgow Coma Scale (GCS). 3. Appreciate the value of new research in improving patient care and incorporate it where appropriate. 4. Evaluate and predict the usefulness of an expanded assessment process for patients with traumatic brain injury and stroke. 5. Explain and defend the need to encourage and support resilience in the recovery from traumatic brain injury and stroke 	<p align="center">2:15pm -3:00pm</p>	<p align="center"><i>Alice G. Rini, JD, MS, RN</i></p>

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<p align="center">Depression and Traumatic Brain Injury</p>	<ol style="list-style-type: none"> 1. Will be able to describe some of the symptoms of depression 2. Will be able to discuss two treatment alternative 3. Will be able to list two treatment resources 	<p align="center">2:15pm -3:00pm</p>	<p align="center"><i>Dorothy Best, Executive Director</i></p> <p align="center"><i>James D. Dahmann, Ph.D,</i> <i>Psychologist</i> <i>~ both from NAMI Northern</i> <i>Kentucky</i></p>
<p align="center">Promoting Life Participation for People with Aphasia Through Group Communication</p>	<ol style="list-style-type: none"> 1. Will identify characteristics of aphasia 2. Will recognize evidence-base which supports communication groups, including WHO and LPAA models 3. Will identify the requirements and components of a successful communication group 4. Will describe how an aphasia group is structured 5. Will recognize how to establish/join an aphasia communication group 6. Will describe community-based programs available for individuals with aphasia 	<p align="center">2:00pm -2:45pm</p>	<p align="center"><i>Lindsey Adams, MA, CCC-SLP</i> <i>Elizabeth Uchtman, MS, CCC-SLP</i> <i>~ both from Gateway Rehabilitation</i> <i>Hospital</i></p> <p align="center"><i>Krista A. Beyrer, MA, CCC-SLP,</i> <i>CBIS</i></p> <p align="center"><i>Amber Yusko, MS, CCC-SLP</i> <i>~ both from University of Cincinnati</i></p>

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<p align="center">Music & Your Brain: A Prescription for Music Therapy</p>	<p>For the professional:</p> <ol style="list-style-type: none"> 1. Will demonstrate knowledge on the clinical application of music therapy, innovative interventions, and current treatment trends with the brain injury/stroke population 2. Will identify indicative reasons and potential treatment objectives when referring a patient to music therapy 3. Will demonstrate knowledge on the difference between music and music therapy as well as when to use music vs. music therapy with a patient <p>For the caregiver/individual:</p> <ol style="list-style-type: none"> 1. Will identify ways that music can affect an individual 2. Will list ways to use music with an individual <p>For all in attendance:</p> <ol style="list-style-type: none"> 1. Will demonstrate knowledge on how to identify a music therapist and available resources within the community 	<p align="center">3:00pm -4:00pm</p>	<p align="center">Deanna Black, MT-BC, LMT <i>Cincinnati VA Medical Center</i></p> <p align="center">Brittany M. Knapp, MA, MT-BC <i>Children's Hospital Medical Center</i></p>
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