

Funding for this seminar is provided through the US Department of Health & Human Services, Health Resources and Services Administration Maternal and Child Health Bureau Traumatic Brain Injury Implementation Partnership Grants

Grant Number H21MCO6756: 2009-2013  
Grant Number 5 H21MC269140200: 2014-2019



# Brain Injury & the Criminal Justice System

**June 27 & 28, 2017**

Indianapolis, Indiana  
Indiana Government Center



**BRAIN INJURY RESEARCH & TRAINING CENTER**

@Rehabilitation Hospital of Indiana

[www.ResourceFacilitationRTC.com](http://www.ResourceFacilitationRTC.com)

9531 Valparaiso Court • Indianapolis, IN 46268

## SEMINAR OBJECTIVES

At the end of this seminar, participants will be able to:

- Screen for the presence of and various types of brain injury and determine severity.
- Describe prevalence of brain injury in the criminal justice system and its role on prison adjustment.
- Give examples of rehabilitation strategies and their potential impact on legal doctrine and practical application.

## Seminar Speakers



**Samantha Backhaus, PhD, HSPP**  
Clinical Neuropsychologist,  
Rehabilitation Hospital of  
Indiana



**Flora Hammond, MD, FACRM**  
Chair, IU School of Medicine;  
Chief of Medical Affairs,  
Rehabilitation Hospital of  
Indiana



**Peter Bisbecos, JD**  
Market Innovation & Public  
Policy Director, Rehabilitation  
Hospital of Indiana



**Quratulain Khan, PhD, HSPP**  
Clinical Neuropsychologist,  
Rehabilitation Hospital of  
Indiana



**Claire Brownson MA, LMHCA**  
Coordinator of Training &  
Education, Rehabilitation  
Hospital of Indiana



**Lance E. Trexler, PhD, HSPP, FACRM**  
Clinical Neuropsychologist,  
Rehabilitation Hospital of  
Indiana



**David Certo, JD**  
Presiding Judge,  
Indianapolis Veterans Court &  
Criminal Court 12



**Frances Osburn, MS**  
Superintendent, Edinburgh  
Correctional Facility



**Andrew Fogle, JD**  
Marion Co. Deputy Prosecutor  
Supervisor, Corrections Division



**Lisa Osterman, MA**  
Director of Strategic Initiatives,  
Community Solutions



**Molly Wright, JD**  
Division Leader, Problem  
Solving Courts, Marion Co.  
Public Defender Agency

## Session Evaluation & Continuing Education

Credit is only given to onsite attendees who sign in each day of the course; successfully complete the entire course; and evaluate the course. RHI RTC Conference Evaluations are electronic. After the conference, **you will receive an email with a link to the evaluation system.** Your opinion is important to us!

After you have completed the session evaluations, an email will be automatically generated to you. In that email, you will be able to click on the link and **print your certificate.** Call Kim Ruff at (217) 753-1190 with questions.



**Physicians:** The Indiana University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Indiana University School of Medicine and Rehabilitation Hospital of Indiana. The Indiana University

School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The Indiana University School of Medicine designates this live activity for a maximum of **13.25** AMA PRA Category 1 Credits™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.



**Nurses:** FIRM is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

This course is eligible for up to a total of **13** contact hours.

**Legal Professionals:** The Indiana Office of Admissions & Continuing Education has approved this workshop for **4.5** General and **8.6** NLS Continuing Legal Education credits. Be sure to sign the CLE sign-in sheets and include your bar number.

# Brain Injury & the Criminal Justice System

## Day One

**8:15 AM – 8:30 AM**

### **Welcome & Introductions**

**8:30 AM – 10:30 AM**

### **Brain Injury 101**

Lance Trexler, PhD, HSPP, FACRM

*This presentation will provide an overview of acquired brain injury (ABI), with an emphasis on traumatic brain injury (TBI), ranging from mild to severe injuries. Also addressed will be methods to measure severity, both in the acute and chronic stages, the course of recovery from brain injury, and brain injury as a chronic condition.*

**Participants will be able to:** Describe different methods used to determine the acute severity of a traumatic brain injury; Identify three different factors that can influence recovery from a brain injury; and Describe the difference between a concussion-mild traumatic brain injury versus the chronic effects of a moderate-to-severe traumatic brain injury.

**10:30 AM – 10:45 AM**

### **Break**

**10:45 AM – 11:45 AM**

### **Brain Injury and Criminality**

Lance Trexler, PhD, HSPP, FACRM

*Two main topics will be discussed in this presentation: 1) Prevalence of brain injury in the criminal justice system and 2) Types of brain injury that may lead to criminal behavior.*

**Participants will be able to:** Describe the prevalence of brain injury in the criminal justice system, particularly for veterans; Describe the main type of brain injury that can lead to criminal behavior; and Describe the effects of brain injury on prison adjustment.

**11:45 AM – 12:45 PM**

**Lunch** (*lunch is on your own, see your folder for a list of nearby restaurant/cafeteria options*)

**12:45 PM – 1:45 PM**

### **Case Study**

Samantha Backhaus, PhD, HSPP

*This presentation will include a case study describing a person who has a significant legal history after suffering a brain injury and the scope of his/her rehabilitation services.*

**Participants will be able to:** Evaluate a type of brain injury and its effects on the person; Justify the type of rehabilitation services received; and Describe the role of Resource Facilitation in helping an individual improve their integration into the community.

**1:45 PM – 2:45 PM**

### **Screening for Brain injury**

Claire Brownson, MA, LMHCA

*This presentation will orient participants and provide training on how to utilize the The Ohio State University TBI Identification Method Revised: A Screening Tool for the Identification of Acquired Brain Injury (ABI). Three case studies will be reviewed.*

**Participants will be able to:** Identify various types of acquired brain injuries (ABI); Utilize the TBI screening measure, including additional items for ABI and determine severity; and Detect presence of brain injury via case examples.

**2:45 PM – 3:00 PM**

### **Break**

**3:00 PM – 3:45 PM**

### **Brain Injury and Criminal Justice Panel: A Legal Perspective**

Peter Bisbecos, JD; Judge David Certo, JD; Andy Fogle, JD; Molly Wright, JD

*This panel will focus on the legal and practical consequence resulting from the developing science of brain injury identification and rehabilitation.*

**Participants will be able to:** Describe the potential impact of new TBI screening and treatment on legal doctrine and practical application; Gain perspective from the judicial, prosecution and defense perspectives; and Describe what is the best public policy answer to these new developments.

**3:45 PM – 4:30 PM**

### **Discussion and Closing Remarks**

# DAY TWO

**8:00 AM – 8:10 AM**

## **Welcome & Introductions**

**8:10 AM – 9:30 AM**

## **Medical Aspects of Traumatic Brain Injury (TBI)**

**Flora Hammond, MD, FACRM**

*This presentation will provide an introductory overview of issues and implications for medical management of a person with TBI. TBI can be a chronic condition with different types of neurological, endocrinological, orthopedic, and psychiatric complications that can all affect the expression and level of disability associated with the injury.*

**Participants will be able to:** Identify medical complications that may interfere with rehabilitation and recovery; Discuss surveillance, prevention, and treatment approaches to prevent secondary complications of TBI; and Identify medications that may hinder/facilitate rehabilitation progress and outcome.

**9:30 AM – 9:45 AM**

## **Break**

**9:45 AM – 11:00 AM**

## **Neuropharmacology in Brain Injury**

**Flora Hammond, MD, FACRM**

*This presentation will provide specific approaches for neuropharmacological management of cognitive and behavioral disturbances following TBI, which differs from the management of psychiatric disorders, along with the available evidence.*

**Participants will be able to:** Describe neurotransmitter functions of cognition, behavior and emotion; List the basic principles of neuropharmacologic prescription; and Give examples of the research evidence available to support or refute the use of pharmacologic agents in brain injury.

**11:00 AM – 11:45 AM**

## **Discussion**

**11:45 AM – 12:45 PM**

**Lunch** (*lunch is on your own, see your folder for a list of nearby restaurant/cafeteria options*)

**12:45 PM – 1:45 PM**

## **Psychological and Behavioral Aspects of Brain Injury**

**Lance Trexler, PhD, HSPP, FACRM**

*This presentation will review the most common cognitive disorders that follow brain injury as well as the psychological and emotional consequences, as related to psychosocial adjustment.*

**Participants will be able to:** Identify three types of cognitive impairments that can follow from brain injury and their effects on participation with the criminal justice system; Describe three emotional and behavioral consequences of brain injury; and Identify appropriate community-based resources and types of providers to assist with the management of cognitive and behavioral impairments.

**1:45 PM – 2:00 PM**

## **Break**

**2:00 PM – 3:00 PM**

## **Behavioral Management of Brain Injury**

**Quratulain Khan, PhD, HSPP**

*This presentation will review general approaches to management of neurobehavioral issues as well as techniques for management of specific behaviors, such as impulsivity and aggression.*

**Participants will be able to:** Identify barriers to effective behavior management; Describe general behavior approaches; and Describe how to manage specific problem behaviors.

**3:00 PM – 4:00 PM**

## **Issues in Post-Release Planning for People with Brain Injury**

**Lisa Osterman, MA**

*This presentation will highlight the challenges that returning citizens with brain injury face as they reintegrate into the community and discuss a pilot initiative in Marion County that seeks to identify methods and resources for connecting reentrants with critical supports and services.*

**Participants will be able to:** Name key resources and supports that reentrants with brain injury may need for successful community reintegration; Describe existing public and private resources and supports for reentrants with brain injury; and Identify resources and supports that do not yet exist at scale, but which Indiana Department of Corrections and partners are working to develop.

**4:00 PM – 4:30 PM**

## **"Next Steps" in Management of Brain Injury in The Criminal Justice System**

**Lance Trexler, PhD, HSPP, FACRM & Fran Osburn, MS**

*This presentation will describe possible "next steps" for the evolution of managing brain injury in the criminal justice system. Participants are encouraged to ask questions or make recommendations for future research, training or policy in the area.*

**Participants will be able to:** Identify at least one initiative each for Research, Policy, and Training and Education that may develop in the area of brain injury within the criminal justice system.