

**2ND ANNUAL CHICAGO
NEUROTRAUMA SYMPOSIUM:**

**PENETRATING
BRAIN INJURY:
ESTABLISHING
PRIORITIES**



SEPTEMBER 20-21, 2024

**THE DAVID RUBENSTEIN FORUM
1201 EAST 60TH STREET, CHICAGO, IL 60637**

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COURSE DESCRIPTION

This course features world leaders in the management of penetrating brain injury as well as representatives from major funding organizations including both the NIH and Department of Defense. The activity aims to review the current clinical practices, guidelines, and research efforts tackling penetrating brain injury in civilian and military settings worldwide. Additionally, it will facilitate new research collaborations to address high-yield clinical questions, paving the way for discoveries and advancements in the field of penetrating brain trauma.

LEARNING OBJECTIVES: After this activity, participants will be able to:

1. Recognize the most recent guidelines in penetrating brain injury (PBI) management.
2. Identify key knowledge gaps in firearm-inflicted brain injury (FIBI) and avenues for further research.
3. State high-priority clinical questions about FIBI necessitating further investigation.
4. Outline an effective multidisciplinary approach for the acute resuscitation and management of individuals affected by FIBI, incorporating insights from multiple medical specialties.
5. Appraise available options for acute neurosurgical and neurocritical care interventions to optimize neurological outcomes for patients with FIBI integrating evidence-based practices and patient-centered approaches.
6. Evaluate various research methodologies for investigating FIBI, considering their effectiveness and the unique challenges of this injury type.

PHYSICIAN CREDIT: The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 10.50 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PHYSICAL THERAPIST AND OCCUPATIONAL THERAPIST CREDIT: The University of Chicago Medical Center is a licensed continuing education provider with the Illinois Department of Financial and Professional Regulation for Physical Therapy, license # 216-000030. All participants will be provided with a certificate of attendance. This course is approved for 10.5 continuing education hours for licensed therapists (PT, PTA, OT, or COTA) in Illinois. The University of Chicago Medical Center has not applied to any other state for therapist CE credit. Participants will need to do this individually through their jurisdiction outside of Illinois.

OTHER PARTICIPANT CREDIT: Other participants will receive a Certificate of Participation. For information on the applicability and acceptance of Certificates of Participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME, please consult your professional licensing board.

EARLY BIRD PRICING AVAILABLE UNTIL SEPTEMBER 6, 2024!



FOR MORE INFORMATION & TO REGISTER:
<https://cme.uchicago.edu/NSPBI2024>
QUESTIONS? Contact Jordan Wirtz:
neurotrauma@uchicagomedicine.org

COURSE DIRECTORS

Fernando Goldenberg, MD
Ali Mansour, MD, MS
Paramita Das, MD, MS
Christos Lazaridis, MD
Susan Rowell, MD, MBA, MCR

TARGET AUDIENCE

This activity is designed for a multidisciplinary cohort of clinicians, researchers, and funding agency representatives committed to filling the gaps in PBI research and management.

FOR MORE INFORMATION

<https://cme.uchicago.edu/NSPBI2024>



AT THE FOREFRONT
UChicago
Medicine

OPENING SESSION

FEATURING:

Susan Rowell, MD, MBA

Professor of Surgery,
Trauma and Acute Care Surgery
Director, Surgical Critical Care
Fellowship Program
Co-Director, Adult Surgical
Intensive Care Unit
UChicago Medicine

Ali Mansour, MD, MScBMI

Assistant Professor of Neurology and
Neurological Surgery
Medical Director of Informatics for
Neurosciences and Critical Care,
Neurocritical Care Fellowship Program
Director
UChicago Medicine

Fernando Goldenberg, MD

Professor of Neurology and Neurological
Surgery
Neurocritical Care Section Chief, Medical
Director Neuroscience ICU
UChicago Medicine

Shyam Prabhakaran, MD, MS

James Nelson and Anna Louise Raymond
Professor of Neurology
Chair, Department of Neurology
UChicago Medicine

Bakhtiar Yamini, MD

Professor of Neurological Surgery and
Radiation and Cellular Oncology
Interim Chair, Department of
Neurological Surgery
UChicago Medicine

Selwyn O. Rogers Jr., MD, MPH

Professor of Surgery,
Executive Vice President,
Community Health Engagement
Founding Director, Trauma Center
Chief, Section of Trauma and
Acute Care Surgery
UChicago Medicine

**SESSION 1: CIVILIAN
PENETRATING BRAIN
INJURY GUIDELINES**

**Presentation, Implementation,
and Future Steps**

FEATURING:

Randy Bell, MD, FAANS

Professor of Surgery/Neurosurgery
University of South Dakota; USUHS
Avera Medical Group Neurosurgery Sioux
Falls

Molly McNett, PhD, RN, CNRN,

FNCS, FAAN
Professor of Clinical Nursing
Assistant Director of the Implementation
Science Core, Fuld National Institute for
Evidence-Based Practice
The Ohio State University

Gregory Hawryluk, MD, PhD,

FRCS
Medical Director,
Brain Trauma Foundation
Cleveland Clinic

Panel Discussion:

Randy Bell, MD, FAANS

Molly McNett, PhD, RN, CNRN,

FNCS, FAAN
Gregory Hawryluk, MD, PhD,

FRCS
Alex Valadka, MD, FAANS, FACS

**SESSION 2: BIOMARKERS
OF TRAUMATIC BRAIN
INJURY**

FEATURING:

Ramon Diaz-Arrastia, MD, PhD

Presidential Professor of Neurology
and Director of Clinical Traumatic Brain
Injury (TBI) Research
The University of Pennsylvania

William Roth, MD

Assistant Professor, Neurology and
Neurological Surgery
UChicago Medicine

Ali Mansour, MD, MScBMI

Assistant Professor of Neurology and
Neurological Surgery
Medical Director of Informatics for
Neurosciences and Critical Care,
Neurocritical Care Fellowship Program
Director
UChicago Medicine

Shelly Timmons, MD, PhD,

FAANS, FACS
Professor and Chair of Neurological
Surgery, Indiana University Health
Indiana University Health

David Okonkwo, MD, MSc, CCFP,

FRCP®, FACEP
Professor of Neurological Surgery,
Director of Neurotrauma
Clinical Trials Center
University of Pittsburgh Medical Center

Linda Papa, MD, MSc, CCFP, FRCP®,

FACEP
Director of Academic Clinical Research,
Orlando Health Regional Medical Center
Orlando Health

INVITED SPEAKER

Karim Brohi, FRCS, FRCA

Professor of Trauma Sciences
Blizard Institute, Barts and the London
School of Medicine & Dentistry
Queen Mary, University of London

**SESSION 3: OUTCOMES
RESEARCH IN
PENETRATING AND
BLUNT TRAUMATIC
BRAIN INJURY**

The Patient Perspective

Patients

Sangeeta Patel Driver, MD,

MPH
Assistant Professor, Physical
Medicine and Rehabilitation
Shirley Ryan Ability Lab

Panel Discussion:

Janet Bettger, ScD, MS, FAHA

Sangeeta Patel Driver, MD,

MPH
Jordan Grafman, PhD

**SESSION 4:
CONTROVERSIES IN
PENETRATING BRAIN
INJURY MANAGEMENT**

Randy Bell, MD, FAANS

Professor of Surgery/Neurosurgery
University of South Dakota; USUHS
Avera Medical Group Neurosurgery
Sioux Falls

Martin D. Herman, MD, PhD

Assistant Professor of Neurological
Surgery department
UChicago Medicine

Edwin Ramos, MD, FAANS

Associate Professor of Neurological
Surgery department
Residency Program Director
UChicago Medicine

**SESSION 5:
MULTIDISCIPLINARY
CARE OF BRAIN
INJURY**

Case Presentation

Hasan Alam, MD

Karim Brohi, FRCS, FRCA

Rocco Armonda, MD

Randy Bell, MD, FAANS

David Okonkwo, MD, PhD

Christos Lazaridis, MD

Andres Rubiano, MD, FACS,

IFAANS

HOSTED RECEPTION

SATURDAY, SEPTEMBER 21, 2024

**SESSION 6:
INCREASING FUNDING
AND ADVOCACY FOR
PENETRATING BRAIN
INJURY**

FEATURING:

Nsini Umoh, PhD

Traumatic Brain Injury Program
Director
National Institutes of Health /
National Institute of Neurological
Disorders and Stroke

JB Phillips, PhD, MBA

Neurotrauma Portfolio Manager
US Department of Defense

Panel Discussion:

JB Phillips, PhD, MBA

Nsini Umoh, PhD

Captain Travis Polk, MD, FACS

**SESSION 7: THE
WARTIME TRAUMATIC
BRAIN INJURY
EXPERIENCE**

FEATURING:

Andrii Sirko, MD, PhD, CSD

Professor, Honored Doctor of
Ukraine, Mechnikov Dnipropetrovsk
Regional Clinical Hospital, Center of
Cerebral Neurosurgery

Rocco Armonda, MD

Director of Neuroendovascular
Surgery
MedStar Washington Hospital Center
MedStar Georgetown; Uniformed
Services University of the Health
Sciences

Paramita Das, MD, MS

Assistant Professor of Neurosurgery,
Director of Surgical Neurotrauma
UChicago Medicine

James Kelly, MD, MA

Professor of Neurology,
University of Colorado

Panel Discussion:

Andree Sirko, MD, PhD, CSD

James Kelly, MD, MA

Paramita Das, MD, MS

Rocco Armonda, MD

CLOSING SESSION

