

# OBI / Concordia FORUM

## TBI: From Research to Recovery

Friday, September 16, 2016

Location: OHSU Auditorium and Old Library

- 1:00**            **Welcome**  
Jim Chesnutt, M.D.  
OHSU Sports Medicine  
Co-chair, OHSU Concussion Initiative
- 1:10**            **Living Guidelines Overview: Brain Trauma Foundation (BTF) Guidelines  
Advancing Evidence-based Care for Traumatic Brain Injury**  
Ngoc Wasson, M.P.H.  
Pacific Northwest Evidence-Based Practice Center  
OHSU
- 1:20**            **Concussion as a Multi-scale Complex System**  
Wayne Wakeland, Ph.D.  
Professor and Systems Science Program Chair  
Portland State University
- 1:30**            **Exploratory Modeling of TBI Data**  
Martin Zwick, Ph.D.  
Professor, Systems Science  
Portland State University
- 1:40**            **DoD and VA's Chronic Effects of Neurotrauma Consortium (CENC) longitudinal  
epidemiologic study**  
Kathleen Carlson, M.S., Ph.D.  
Assistant Professor, School of Public Health, OHSU  
Core Investigator, Portland VA Medical Center
- 1:50**            **Portable Neuromodulation Stimulator (PoNS) for Patients with Balance  
Disorders Resulting from TBI**  
Robert Folmer, Ph.D.  
Associate Professor, Otolaryngology, OHSU  
Research Investigator, VA RR&D National Center for Rehabilitative Auditory Research
- 2:00**            **Post-traumatic neurogenesis**  
Eric Schnell, M.D., Ph.D.  
Assistant Professor, Anesthesiology, OHSU

Researcher, Portland VA Medical Center

2:10 Break

**2:20 Sleep disturbances and chronic pain in Veterans with mTBI**

Jonathan E. Elliott, Ph.D.  
Postdoctoral Researcher, Miranda Lim Lab  
OHSU

**2:30 Hearing Complaints Following TBI: Evidence from a Veteran Population**

Erick Gallun, Ph.D.  
Associate Professor, Otolaryngology and Neuroscience Graduate Program Faculty, OHSU  
Research Investigator, VA RR&D National Center for Rehabilitative Auditory Research

**2:40 The glymphatic system in post-traumatic neurodegeneration**

Jeffrey Iliff, Ph.D.  
Assistant Professor, Anesthesiology  
OHSU

**2:50 MRI and the search for concussion neuromarkers**

Alexander Stevens, Ph.D.  
Staff Scientist  
OHSU Advanced Imaging Research Center

**3:00 Balance and Gait Deficits Following mild TBI**

Peter Fino, Ph.D.  
Postdoctoral Researcher, Balance Disorders Lab  
OHSU

**3:10 Using Wearable Technologies in TBI Assessment and Rehabilitation**

Laurie King, Ph.D., PT  
Associate Professor of Neurology  
OHSU

**3:20 The effect of exercise on recovery from concussion: a systematic review**

Emily Kosderka, M.S.  
Assistant Professor, Exercise Science  
Concordia University

**3:30 Discussion of collaboration and funding for future basic and clinical research programs**

James Chesnutt, M.D.

3:50 Break

4:00 **Introduction by Jim Chesnutt, M.D.**

4:10        **The Physiology of Concussion**  
John Leddy, M.D.  
Clinical Professor, Orthopedics  
The State University of New York at Buffalo

5:15        Reception and Poster Session

## **Saturday, September 17, 2016**

Location: OHSU Auditorium

8:00        Introduction by Jim Chesnutt, M.D.

8:15        **A Systematic Approach to the Assessment and Management of the Complicated Concussion Patient**  
John Leddy, M.D.  
Clinical Professor, Orthopedics  
The State University of New York at Buffalo

9:15        **Evaluating and treating headaches post concussion**  
Juliette Preston, M.D.  
Director, OHSU Headache Center

9:45        Questions & Answers

10:00       Break

10:15       **Physical therapy for the complex concussion patient: Beyond the BESS test and Return to Sport**  
Jennifer Wilhelm, P.T., D.P.T., N.C.S.  
Orthopedics and Rehabilitation, OHSU

10:45       **Evaluating visual dysfunction in the complex concussion patient**  
Rosanne Yee, OTR/L  
Orthopedics and Rehabilitation, OHSU

11:15       **Evaluation and management of neuropsychological factors that influence concussion recovery**  
Tyler Duffield, Ph.D.  
Postdoctoral Trainee, Concussion Program  
OHSU

11:45 Questions & Answers

12:00 Closing Remarks