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
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.**
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
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<th>Time</th>
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<tr>
<td>11:45</td>
<td>Questions &amp; Answers</td>
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<td>12:00</td>
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