



## BIAOH 2019 TBI Summit Presentations

**James Begley, MD, MS**

### **Understanding How an Injury to the Brain Can Impact Mood and Behavior**

Dr. Begley serves as the Brain Injury Fellowship Program Director for the Department of Physical Medicine & Rehabilitation at MetroHealth Systems as well as an Assistant Professor at the Case Western Reserve University School of Medicine. Brain injury survivors face many obstacles during recovery, some of which are compounded by stigma or lack of social acceptance. Dr. Begley will discuss the link between an injury to the brain and the occurrence of changes in mood and behavior. Ways to mitigate symptoms throughout the rehabilitation and recovery process will also be discussed.

**John Corrigan, PhD**

### **Update from the Ohio Brain Injury Program and Brain Injury Advisory Committee**

Dr. Corrigan is the Director of the Ohio Brain Injury Program and the Ohio Valley Center for Brain Injury Prevention and Rehabilitation. Dr. Corrigan is also a Professor in the Department of Physical Medicine and Rehabilitation at The Ohio State University and Editor-in-Chief of the Journal of Head Trauma Rehabilitation. The Brain Injury Program and Brain Injury Advisory Committee have continued to pursue the goals of their 5-year plan. New proposals have been developed for improving services and supports for people with brain injury and a funding plan is before the Ohio General Assembly. Dr. Corrigan will discuss these and other developments.

**Chen Gu, PhD**

### **Axonal Varicosity Dynamics in Central Neuron Mechanosensation and Injury**

Dr. Gu is an Associate Professor in the Department of Biological Chemistry & Pharmacology of The Ohio State University College of Medicine. His research in the area of mild TBI and its effects on the structure and function of nerve cells in the brain has been attracting both medical and media attention by generating many intriguing follow-up questions, the answers to which will contribute to a better understanding of mild TBI and the development of new prevention and treatment strategies. In his presentation, Dr. Gu will discuss how micromechanical stress that is related to mild traumatic brain injury asymmetrically regulates the structure and function of nerve cells in the brain.

**Kelsey Logan, MD, MPH**

**Practical Office-Based Concussion Evaluation and Management**

Dr. Logan is an Associate Professor of Pediatrics and Internal Medicine at the University of Cincinnati as well as the Director of the Division of Sports Medicine at the Cincinnati Children's Hospital Medical Center. Dr. Logan is passionate about caring for athletes, stemming both from her current position and her time at The Ohio State University, where she was the Medical Director of the Sports Concussion Program and a team physician for OSU Athletics. She was a driver in the development and passage of Ohio's Youth Concussion Law. Dr. Logan will educate learners on the effective and efficient concussion examination with focus on symptom evaluation; estimation of recovery trajectory; and cervical, oculomotor, and balance/vestibular examination. She will also review updates and changes in concussion management with a focus on return to school and return to physical activity/sport.

**Rachel Ramirez, MA, MSW, LISW-S, RA**

**You Don't Know What You Don't Know: Domestic Violence, Traumatic Stress and Brain Injuries**

The most iconic image of domestic violence is a black eye. In the domestic violence movement, we have known for decades that domestic violence abusers most often target a victim's head, neck and face. But beneath the bruises, we are just beginning to realize the impact that the repeated physical attacks, blows to the head, and strangulation has on a victim's brain, mental health, physical health, overall well-being, and the ability to participate in and benefit from services as they are currently designed. Ms. Ramirez is the Training Director for the Ohio Domestic Violence Network and oversees training initiatives and directs the implementation of a three-year national demonstration grant focusing on developing best practices for domestic violence programs. In her presentation, she will discuss the dynamics of domestic violence and help the audience to better understand the incredibly difficult situations in which survivors find themselves. She will present an innovative model for forming genuine relationships and connections with survivors, acknowledging head injuries, responding to and accommodating for survivor's needs, and evaluating and improving the help we provide.

**Ginger Yang, PhD, MPH**

**A Decade of Youth Sports TBI Legislation: Public Health Impact and Lessons Learned**

Dr. Yang is an Associate Professor at The Research Institute at Nationwide Children's Hospital Department of Pediatrics and The Ohio State University College of Medicine. Dr. Yang was instrumental in the development of Ohio's Youth Concussion Law and has continued her research on this topic both in Ohio and nationwide. She will present information about the legislation including concussion-related reporting and health care utilization. She will also present study findings based on both national and Ohio data as well as discuss lessons learned following the implementation of the legislation. If you would like to know about how Ohio's Youth Concussion Law has positively impacted Ohio's young athletes, this presentation is not to be missed!

**Our Featured Survivor**

This year we will invite a Survivor from the membership of the BIAOH who has faced a significant obstacle to his or her recovery and highlight what the Survivor did to overcome this obstacle to achieve his or her best possible recovery. All of our speakers bring significant professional and academic credentials and experience to our Summit. However, TBI is always a deeply personal event and understanding a Survivor's struggles, as well the successes achieved with the support of the community and the Survivor's personal determination, provides a unique perspective that enriches the experience of all who are touched by brain injury.

More information about the BIAOH 2019 TBI Summit may be found on our website, [www.biaoh.org](http://www.biaoh.org), under "News & Events" or by contacting Emily Smith at esmith@biaoh.org.