Day 1: December 18, 2017

07:30 am  Registration

08:15 am  Welcome

Walter Koroshetz, MD, National Institute of Neurological Disorders and Stroke/NIH

08:30 am  Keynote: Identifying Sex Differences in Research: What Are the Challenges?

Margaret McCarthy, PhD, University of Maryland School of Medicine

09:00 am  Session I: Sex Differences in TBI across the Lifespan

Moderator: Lisa Begg, DrPH, RN, Office of Research on Women’s Health/NIH

20 min presentations and 20 min Panel Q&A Session

- The Epidemiology of Sex Differences in the Incidence of TBI
  Matt Breiding, PhD, Centers for Disease Control and Prevention

- Sex Differences in Pediatric Cases of TBI
  Courtney Robertson, MD, Johns Hopkins University

- Sex Differences in Older Adults following TBI
  Angela Colantonio, PhD, University of Toronto

10:00 am  Panel Discussion

10:20 am  Break (15 minutes)

10:40 am  Session II: TBI as a Consequence of Intimate Partner Violence

Moderator: Katherine Price Snedaker, LCSW, PINK Concussions

15 min presentations and 20 min Panel Q&A Session

- TBI in Abused Women from Head Injuries and/or Strangulation: It’s all One Brain
  Jacquelyn Campbell, PhD, RN, Johns Hopkins University

- Neuropsychological and Neuroimaging Correlates of IPV-related TBI
  Eve Valera, PhD, Harvard Medical School

- Biomarkers that Reflect Cumulative Head Injuries
  Jessica Gill, PhD, RN, National Institute of Nursing Research/NIH

- IPV-Related TBI among Women Veterans: Evidence to Inform Patient-Centered Identification and Intervention
  Katherine Iverson, PhD, Boston University

11:40 am  Panel Discussion

12:00 pm  Lunch (1 hour)
Session III: Lost in Translation: Sex Differences in Pre-clinical and Clinical Research
Moderator: Jeremy Brown, MD, National Institute of Neurological Disorders and Stroke/NIH
15 min presentations and 30 min Panel Q&A Session
- Progesterone for the Treatment of Traumatic Brain Injury (ProTECT)
  David Wright, MD, Emory University School of Medicine
- Transforming Research and Clinical Knowledge in TBI (TRACK-TBI)
  Harvey Levin, PhD, Baylor College of Medicine
- Approaches and Decisions in Acute Pediatric TBI (ADAPT) Trial
  Michael Bell, MD, Children’s National Medical Center
- The Unique Challenges Facing Pre-Clinical to Clinical Translation in TBI Research
  Donald Stein, PhD, Emory University
- Sex Differences as Revealed by Research on Large Animal Models of TBI
  Candace Floyd, PhD, University of Utah
- The Role of Hormones in Response to Trauma
  Ann Rasmusson, MD, Boston University School of Medicine

Panel Discussion

Break (20 minutes)

Session IV: Sex Differences following Sports-Related TBI
Moderator: Pat Bellgowan, PhD, National Institute of Neurological Disorders and Stroke/NIH
20 min presentations and 20 min Panel Q&A Session
- Epidemiology of Sex Differences in Sports Related Concussion
  Dawn Comstock, PhD, Colorado School of Public Health
- Sex-related Challenges After Sports Concussion in Pediatric Patients
  Christopher Giza, MD, University of California, Los Angeles
- Sex Differences in Recovery from TBI among High School Athletes
  Harvey Levin, PhD, Baylor College of Medicine
- Current Trends Related to Sex Differences from the Concussion Assessment, Research and Education (CARE) Consortium Study
  Michael McCrea, PhD, Medical College of Wisconsin

Panel Discussion

Adjourn

Day 2: December 19, 2017

Introduction to Day 2
Janine Clayton, MD, Office of Research on Women’s Health/NIH

Session V: Military Perspective: Sex Differences in TBI among Service Members & Veterans
Moderator: Katherine Helmick, MS, Defense and Veterans Brain Injury Center/DHA
20 min presentations and 20 min Panel Q&A Session
- Sex Differences in Post-Concussion Symptom Reporting among Service Members & Veterans
  Sara Lippa, PhD, Walter Reed National Military Medical Center
- Sex Differences in Outcomes of Service Members After Polytrauma/TBI
  Odette Harris, MD, MPH, Stanford University
- Trajectories of Comorbidity among Male and Female Veterans and Service Members After TBI
  Mary Jo Pugh, PhD, University of Utah School of Medicine
- The Neuropathological Trajectory of Male vs Female Veterans Following TBI
  Deborah Yurgelun-Todd, PhD, University of Utah School of Medicine

Panel Discussion
10:00 am  Break (15 min)

10:15 am  **Session VI:**  Sex Differences in Diagnosis, Prognosis and Management of TBI
          Moderator:  Alison Cernich, PhD, National Center for Medical Rehabilitation Research/NICHD/NIH
          20 min presentations and 20 min Panel Q&A Session
          •  Sex Differences in Prognostic Markers of TBI  
             Rebekah Mannix, MD, MPH, Boston Children’s Hospital
          •  Impact of Menstrual Phase on Outcome after Mild TBI  
             Jeff Bazarian, MD, University of Rochester School of Medicine
          •  Sex Differences in Inflammation and Imaging  
             Christine Turtzo, MD, PhD, National Institute of Neurological Disorders and Stroke/NIH
          •  Sex Differences in Social Behavior in Rehabilitation and Beyond  
             Lyn Turkstra, PhD, McMaster University

11:35 am  Panel Discussion

12:00 pm  Lunch (1 hour)

01:00 pm  **Session VII:**  Prioritization of Research Needs:  Breakout Sessions
          Closed Session

01:50 pm  Transition Back to Main Conference Room

02:00 pm  **Session VIII:**  Prioritization of Research Needs:  Breakout Sessions Report Back

02:45 pm  **Summary & Closing**  
          Walter Koroshetz, MD, National Institute of Neurological Disorders and Stroke/NIH

03:15 pm  Adjourn