

**3<sup>RD</sup> ANNUAL I-MESH SYMPOSIUM SCHEDULE**  
**Thursday, March 30<sup>th</sup>, 2023**

**SESSION 1: 8 am-10 am**

- **8:00 am:** Welcome/Kevin Vowles, PhD Keynote
- **8:15 am:** Q&A (5 mins)
- **8:20 am:** Transition to Presentations

**Theme: *Clinical Outcomes and Outcomes Predictors***

- **8:25 am:** 10-min [#45 Melle Broekman]:
  - *Ten-year trajectories of comfort and capability of people with hip osteoarthritis: A population-based study using the World Coach Consortium cohort*
- **8:35 am:** 4-min [#40 Alexander MacFarlane]:
  - *The effects of mental health and pain catastrophizing on opioid utilization and pain control following total shoulder arthroplasty*
- **8:40 am:** 4-min [#33 Wei Zhang]:
  - *Relationships between improvement in physical function, pain interference, and mental health in musculoskeletal patients*
- **8:45 am:** 4-min [#20 Shirin Modarresi]:
  - *Psychosocial factors are effect modifiers in the association between pain and healthcare utilization in people with knee osteoarthritis*
- **8:50 am:** 4-min [#18 Anthony K. Chiu]:
  - *Association between Mental Health Disorders Diagnosis and Postoperative Outcomes after Total Shoulder Arthroplasty*
- **8:55 am:** 4-min [#26 Heather Vallier]:
  - *Economic Benefit Amplifies Existing Clinical Benefits when Addressing Psychosocial Concerns in the Outpatient Orthopaedic Setting*
- **9:00 am:** 4-min [#48 Melle Broekman]:
  - *Trajectories of Pain Intensity and Magnitude of Capability after Shoulder Arthroplasty*
- **9:05 am:** 4-min [#6 Brett Buchman]:
  - *Anxiety and Depression PROMIS Scores Improve Early after Total Hip Arthroplasty*
- **9:10 am:** Discussant:
  - *Prakash Jayakumar, MD, PhD* (3 mins summary statement + 7 mins Q&A)

**Theme: *Technology-Enhanced Assessment and Intervention***

- **9:20 am:** 10-min [#43 Kate Jochimsen]:
  - *Higher Pain Catastrophizing is Associated with Lower Hip Flexion Angles during Single-Leg Tasks but Not Walking Gait in Individuals with Hip-Related Pain*
- **9:30 am:** 4-min [#7 Ryan Mace]:
  - *Use of At-Home Virtual Reality for Pain in Acute Orthopedic Injuries*
- **9:35 am:** 4-min [#46 Melle Broekman]:
  - *Statistical Groupings of Mental and Social Health Measurements Correlate with Musculoskeletal Capability*
- **9:40 am:** 4-min [#1 Jessica Schmerler]:
  - *Evaluate trends in publication on mental health and mental illness in orthopaedic surgery*
- **9:45 am:** 4-min [#38 Meghan Wally]:
  - *Inpatient Multimodal Path to RecOVERy (IMPROVE): Prevention of Opioid Overdose*
- **9:50 am:** 4-min [#39 Niels Brinkman]:
  - *Artificial Neural Networks Outperform Linear Regression in Predicting Patient-Reported Outcomes Following Upper Extremity Fractures*
- **9:55 am:**
  - Discussant: *Abby Cheng, MD* (2 mins summary statement + 3 mins Q&A)
- **10:00 am:** END

## SESSION 2: 4 pm-6 pm

- **4:00 pm:** Welcome/Seth Leopold, MD Keynote
- **4:15 pm:** Q&A
- **4:20 pm:** Transition to Presentations/Buffer

### **Theme: *Educating Healthcare Professionals, Patients, and the Public***

- **4:25 pm:** 10-min [#9 Chao Long Azad]:
  - *Developing a Multimedia Patient-Reported Outcomes Measure for Low Literacy Patients*
- **4:35 pm:** 4-min [#44 Caryn Lindsey]:
  - *Identifying supportive opportunities and orthopaedic surgeon barriers to addressing mental health with patients*
- **4:40 pm:** 4-min [#11 Philip Wolinsky]:
  - *Results of an Orthopedic Trauma Association (OTA) Member Survey on Patient Mental Health*
- **4:45 pm:** 4-min [#36 Niels Brinkman]:
  - *Development of Social Health Questionnaire Short Form Among Patients Seeking Musculoskeletal Specialty Care*
- **4:50 pm:** 4-min [#5 Caryn Lindsey]:
  - *PROMIS-D for both patients and orthopaedic surgeons: Identifying barriers to addressing mental health with patients*
- **4:55 pm:** 4-min [#14 Jia Ying Yeo]:
  - *Adaptation and validation of the Chronic Illness-related Shame Scale among patients with knee osteoarthritis in Singapore*
- **5:00 pm:** Flash round 1-min presentations
  - [#12 Jessica Schmerler]: *Impact of eating disorders on postoperative outcomes*
  - [#29 Tarun K. Jella]: *Transportation Barriers to Healthcare Among Patients with Recent Orthopaedic Trauma*
  - [#32 Sina Ramtin]: *Medical Metaphors That May Reinforce Misconceptions are Associated with Increased Trust in the Clinician*
  - [#42 Tina Greenlee]: *Can a Psychological Profile Predict Subsequent Musculoskeletal Injury After Being Cleared to Return to Duty From Previous Injury?*
- **5:05 pm:** Discussant: *Joy MacDermid, PhD* (3 mins summary statement + 7 mins Q&A)

### **Theme: *Health Disparities/Social Determinants of Health***

- **5:15 pm:** 10-min [#23 Razeena Sahrin]:
  - *Exploring the role of the built environment and psychosocial mediators on knee function in knee osteoarthritis patients*
- **5:25 pm:** 4-min [#19 Fenan Rassu]:
  - *Racial Differences in the Relationships Between Education Level, Neighborhood Disadvantage, and Pain Among Adults with Chronic Low Back Pain*
- **5:30 pm:** 4-min [#21 Dafang Zhang]:
  - *Patient-Reported Risk Acceptance for Complications of Carpal Tunnel Release*
- **5:35 pm:** 4-min [#35 Devan Desai]:
  - *Unequal Burdens: Disparities in Baseline Low Back Pain at an Academic Health System*
- **5:40 pm:** 4-min [#8 Anthony Goff]:
  - *Self-reported physical activity levels, correlates and social detriments of an Asian population with knee osteoarthritis*
- **5:45 pm:** 4-min [#22 Dafang Zhang]:
  - *The Effect of Socioeconomic Disparity on Improvement in QuickDASH at 3 Month Following Carpal Tunnel Release*
- **5:50 pm:** Discussant: *Jafar Bakhshai, MD, PhD* (2 mins summary statement + 3 mins Q&A)
- **5:55 pm:** Wrap up
- **6:00 pm:** END