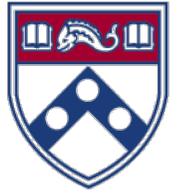


# Penn Center for Musculoskeletal Disorders Virtual Scientific Symposium Agenda



**November 18, 2020**  
**University of Pennsylvania**

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09:00 – 09:15am **Welcome and Overview**  
*Louis J. Soslowsky, Ph.D.*

09:15am – 09:45am **Session I: New Member Session**

- ◆ *Jenny T. Bencardino, MD – “Volumetric Muscle Analysis Of The Tensor Fascia Lata In Hip Dysplasia”*
- ◆ *Anna M. Massie, DVM - “Bone Biomechanics of Small and Large Animals: Considerations For An Appropriate Model”*

09:50am – 10:20am **Session II: Affiliate Member Session**

- ◆ *Ben Binder-Markey, PT, DPT, PhD - “Whole Muscle Passive Mechanics Do Not Simply Scale By Muscle Architecture”*
- ◆ *Liyun Wang, PhD - “Physical Activity in Breast Cancer Bone Metastasis”.*

10:20am – 10:50pm **Break and Poster Review**

10:50am – 11:05pm **Session III: Pilot Grantee Session**

- ◆ *Joel Boerckel, PhD - “Mechanobiology Of Bone Development And Repair”*

11:10am – 12:00pm **Keynote Speaker**

- ◆ *Richard L. Lieber, PhD, Chief Scientific Officer and Senior Vice President, Shirley Ryan Ability Lab, Professor of Physiology and Biomedical Engineering, Northwestern University*

*“Intraoperative And Laboratory Studies Of Human Muscle Contractures”*

12:00pm – 12:15pm **Final Comments**

12:15pm - **Posters**