Research Day
Friday, June 16, 2017

Continental Breakfast
7:00-7:30 am
Stafford 1st Floor Lobby

Research Day Program
7:30 am
Stafford 101

Visiting Professor:
DEAN S. LOUIS, M.D.
Professor Emeritus
University of Michigan Hospitals
Ann Arbor, MI

1962 MD Graduate of the
University of Vermont College of Medicine
Program

7:30 AM
Introduction: Keynote Presentation: Dean S. Louis, MD
Claude E. Nichols, III, MD

7:30 – 8:00 The Unexpected Patient
8:00 – 8:15 Questions

SESSION 1 PGY 5 Final Research Project Presentations
Moderator: Bruce D. Beynnon, PhD

8:15 – 8:30 Subchondral Trabecular Bone Integrity Changes Following ACL Injury and Reconstruction: A Cohort Study with a Nested, Matched Case-Control Analysis
By: Christopher Birch, MD, PGY-5*
8:30 – 8:40 Questions – Discussant: Dr. Louis
8:40 – 8:55 Do Nonoperatively Managed Hip Fracture Patients have a Lower Mortality Rate than Historically Reported? A Matched Cohort Study Comparing Operative and Nonoperative Geriatric Hip Fracture Mortality
By: Jesse Chlebeck, MD, PGY-5*
8:55 – 9:05 Questions – Discussant: Dr. Louis
9:05-9:15 10 Minute Break

SESSION 2 PGY 3 Research Updates
Moderator: S. Elizabeth Ames, MD

9:15-9:25 Traditional versus Tip-Only Oscillating Saw – Learning Curve and Control in a Tibial Saw Bones Model
By: David Christensen, MD, PGY-3
9:25 – 9:30 Questions
9:30 – 9:40 The incidence and clinical utilization of the posterior lateral spur in patients with calcific insertional Achilles tendinopathy
By: Amanda Moyer, MD, PGY-3
9:40 – 9:45 Questions
The Effect of Suture Closure Technique on Vascular Perfusion in Ankle Fracture Surgery: A Randomized-Clinical Trial
By: Peter Shorten, MD, PGY-3

9:55 – 10:00 Questions

SESSION 3
Research Presentations
Moderator: TBD

10:00 – 10:15 Wrist Fractures in Skiers and Snowboarders: Incidence, Severity, and Risk Factors for Injury over 40 Seasons
By: Noah Quinlan, MD Class of 2017**

10:15 – 10:20 Questions

10:20 – 10:35 Intratester and intertester reliability of examiners to make accurate and reliable measurements of prepractice warm-up and FIFA 11+ exercises and Research Update: Epidemiology of Lower Extremity Injuries in High School: Does level of competition influence injury rates?
By: Brandon Lentine, MD, PGY2**

10:35 – 10:40 Questions

10:40 – 10:55 Bioactive smart injectable materials for articular cartilage repair
By: Jennifer Etter, PhD Candidate**

10:55 – 11:00 Questions

11:00 – 11:15 The Effect of ACL Injury and Reconstruction on Articular Cartilage Thickness of the Patellofemoral Joint
By: Mack Gardner-Morse, MS**

11:15 – 11:20 Questions

11:20 – 11:35 Characterization of Pre-practice Injury Prevention Exercises of High School Athletic Teams
By: Autumn Reilly, MD Class of 2018**

11:35 – 11:40 Questions

11:40 – 11:55 Does the addition of a fibula strut allograft effect radiographic and clinical outcomes of varus displaced 2 and 3 part proximal humerus fractures treated with a locking plate?
By: Adam Shafritz, MD
11:55 – 12:00 Questions

12:00 Luncheon and Award Presentations – Stafford 4 Lobby

**Award Presentations –**

**Raymond F. Kuhlmann, MD Resident Research Award**
- Awarded to the Outstanding Presentation by a Chief Resident
* Kuhlmann Award Eligible

**McClure Musculoskeletal Research Award**
- Awarded to the Outstanding Presentation by a Researcher (non-faculty)
** McClure Award Eligible**