2023 Departmental Research Day & Symposium

Tuesday, May 2, 2023 • 8:30 a.m. – 4:30 p.m.
Interprofessional Education Building, 311 Trent Drive, Durham, NC

PRESENTATIONS

8:30-9:00 a.m. Continental Breakfast - IPE, Atrium

9:00-9:10 a.m. Welcome, Benjamin A. Alman, MD - IPE, Suite 1250

WILLIAM C. EWARD, DVM, MD | MODERATOR

9:10-9:22 a.m. Gregory F. Pereira, MD
Size Does Matter: Ulnar Shortening Osteotomy Resection Length

9:22-9:34 a.m. Jonathan F. Dickens, MD
Around the World of Shoulder Instability; Recent Advances and Future Directions

9:34–9:46 a.m. Daniel E. Goltz, MD, MBA
From Baseball to Bones: Bringing Predictive Analytics to Hip, Knee and Shoulder Arthroplasty

9:46-9:58 a.m. Warren Hammert, MD
Patient-Reported Outcomes in Hand Surgery

9:58-10:20 a.m. Coffee Break

10:20-11:32 a.m. Keith G. Whitlock, MD
The Effect of Early Saline Lavage on Synovial Fluid Composition During the Acute Phase of Human Intra-Articular Ankle Fracture

10:32-10:44 a.m. Julia D. Visgauss, MD, FAAOS
LCP1 Mediates Metastatic Behavior in Chondrosarcoma

10:44-10:56 a.m. Richard M. Danilkowicz, MD
A Prospective Functional Analysis of Surgical Treatments for Knee Osteoarthritis

10:56-11:06 a.m. Poster Session I - IPE, Suite 1225

Noon-1 p.m. Symposium – “BETTER TOGETHER”
Featuring: Coach Mike Krzyzewski; William N. Levine, MD; Shawn C. Roll, PhD; and Maurizio Pacifici, PhD

BENJAMIN A. ALMAN, MD | MODERATOR

1:00-1:45 p.m. Lunch Break

ROBERT D. FITCH, MD | MODERATOR

1:45-1:57 p.m. Joe V. Chakkalakal, PhD
Pediatric Radiation Induced Genotoxic Stress and Inhibition of Skeletal Muscle Growth

1:57-2:09 p.m. John R. Wickman, MD, MBA
Early Aseptic Reoperation Following Shoulder Arthroplasty Increases Risk of Subsequent Prosthetic Joint Infection

2:09-2:21 p.m. Emily M. D’Agostino, DrPH, MS, MEd, MA
Feasibility of Going Places: A Park-Based Active Transportation Toolbox to Promote Youth Physical Activity and Access to Healthy Community Spaces

2:21 - 2:33 p.m. Jeffrey A. O’Donnell, MD
Smoking Cessation Efforts Prior to Elective Arthroplasty Result in Sustained Reduction in Tobacco Use Postoperatively: A Survey Study

2:33-3:33 p.m. Poster Session II - IPE, Suite 1225

3:33-3:45 p.m. Mark Wu, MD
Does Operation of Matter in Patients with Concomitant Hip and Spine Pathology?

3:45-3:57 p.m. Laura Case, PhD, PT, DPT, MS, PCS, C/NDT
Disease Modifying Treatments and Newborn Screening in Genetically Based Neuromuscular Disorders

3:57-4:09 p.m. David Kerr, IV, MD
Impact of Peripheral Nerve Blocks on Mobility After Geriatric Hip Fracture

4:09-4:30 p.m. Poster Awards and Conclusion
Benjamin A. Alman, MD

4:30 p.m. Adjourn

6:00-9:00 p.m. Reception and Dinner Social
Doris Duke Center Gardens. - RSVP Required

VISITING PROFESSOR SESSIONS

May 1, 2023, 11:45 a.m.
IPE Building, 311 Trent Drive, Suite 1250
Leveraging Worker-Environment-Technology Transactions to Maximize Health, Well-Being, and Performance in Industry 4.0
Rehabilitation Sciences Visiting Professor
Shawn C. Roll, PhD, OTR/L, RMSKS, FAOTA, FAIUM – Director of the PhD in Occupational Science Program, University of Southern California

May 3, 2023, 9:00 a.m.
Edwin Jones Building, 207 Research Drive, Suite 143
Pathogenic Roles of Activin A in Acquired Versus Genetic Heterotopic Ossification: Similar or Dissimilar?
Basic & Translational Visiting Professor
Maurizio Pacifici, PhD – Director of Orthopaedic Research, Children’s Hospital of Philadelphia

Physicians & Allied Health Professionals: This live activity is designated as a jointly accredited activity for a maximum of 6.0 AMA PRA Category 1 Credit(s). ANCC, JA Credit—AH. Physicians and allied health professionals should claim only the credit commensurate with the extent of their participation in the activity.