

**2026 Departmental Research Day & Symposium
J. Leonard Goldner, MD Visiting Professorship**

Tuesday, March 10, 2026 • 8:00 a.m. – 5:00 p.m.
Interprofessional Education Building, 311 Trent Drive, Durham, NC

SYMPOSIUM • ALIGNING SCIENCE & SOCIETY • 10:45 A.M.-12:30 P.M.



Jeffrey Baker, MD, PhD
Director, Trent Center for Bioethics, Humanities & History of Medicine; Professor of Pediatrics and History



Erika Edwards
Health Reporter and Writer, NBC News



Kyle Covington, PT, DPT, PhD
Associate Professor of Orthopaedic Surgery; President, American Physical Therapy Association



Jocelyn Wittstein, MD
Associate Professor of Orthopaedic Surgery; Core Leadership, Duke Female Athlete Program; Author

Community Research: Why Gaining Trust Starts by Acknowledging History

Engaging With Media: How to Take Science from the Lab to the Living Room

Federal and State Advocacy: A Professional Responsibility for All Healthcare Providers

Musculoskeletal Health Literacy- How to Spread the Word Through Social Media, Authorship, & Advocacy

8:00-8:15 a.m.

Breakfast • Atrium

12:30-1:00 p.m.

Lunch • Atrium

8:15-8:20 a.m.

Welcome • Benjamin Alman, MD

Moderator • Alison Toth, MD

1:00-1:12 p.m.

Moderator • William Eward, MD, DVM

8:20-8:32 a.m.

ATRX and its Prognostic Significance in Soft Tissue Sarcoma

Mark Cullen, MD

Citrate-Based Aseptic Lavage Does Not Harm Early Radiographic Fracture Healing: A Pre-Clinical Translational Study
Allen Champagne, MD

8:32-8:44 a.m.

Diabetic and Non-Diabetic Foot Ulcerations: Independent Risk Factors for Spinal Infection

Michael Patetta, MD

1:12-1:24 p.m.

Short Term Outcomes of Retrograde Intramedullary Screw Fixation of Distal Ulna Fractures

Brian Crook, MD

8:44-8:56 a.m.

Blumensaat Line as an Anatomic Surrogate for Native ACL Length: Cadaveric, Intraoperative, and Radiographic Validation

F. Baker Mills, MD

1:24-1:36 p.m.

Specific and Shared Mechanisms Associated with Treatment for Chronic Neck Pain: The SS-MECH Mechanistic Clinical Trial
Chad Cook, PT, PhD, MBA, FAPTA

8:56-9:08 a.m.

Optimizing Bone Health for Spinal Surgery: Insights from CT-Based Biomechanical Modeling

Koji Ishikawa, MD, PhD

1:36-1:48 p.m.

Analysis of Aseptic Revision Total Knee Arthroplasty Outcomes by Indication

Christine Wu, MD

9:08-9:20 a.m.

Effect of Percutaneous Saline Lavage on Synovial Fluid Composition Following Intra-Articular Ankle Fracture: a Randomized Controlled Trial

Samuel Lorentz, MD

1:48-2:00 p.m.

Hypoxia and Hypoxia-Inducible Transcription Factor Signaling Regulate Pain During Breast Cancer Metastasis to the Bone
Kira Gardner

9:20-9:32 a.m.

Integrating Research Administrators into the Lab Team: Evidence-Based Benefits of Cooperative PI-RA Partnership

Hannah Clark and Leonardo Ferreira, PT, PhD

2:00-3:00 p.m.

Poster Session II • Suite 1225/1217

3:00-3:40 p.m.

Department Photograph • Atrium

9:32-9:42 a.m.

Break

9:42-10:45 a.m.

Poster Session I • Suite 1225/1217

3:40-3:52 p.m.

Heterotopic Ossification After Aseptic Revision Total Hip Arthroplasty
Mack Hardaker, MD

3:52-4:04 p.m.

A Reproducible Tibial Nerve Model of Symptomatic Neuroma with Functional and Nociceptive Validation
Jackson Cathey

4:04-4:16 p.m.

Weight-bearing Protocols and Outcomes in Open Surgical Management of Haglund Syndrome: A Large Retrospective Analysis
Zoe Hinton, MD

4:16-4:28 p.m.

Validated Nutritional Screening Tools and Postoperative Outcomes in Adult Spine Surgery: A Systematic Review
Ezinne Ouguo

4:28-4:40 p.m.

Surgical Trend Analysis of Longitudinal Levels of Enduring Deep Surgical Site Infection Risk after Hip and Knee Arthroplasty
Denise Smith, MD

4:40-5:00 p.m.

Award Announcements • Adjournment

The 34th Annual J. Leonard Goldner, MD Visiting Professorship

Wednesday, March 11 • 6:30–7:30 a.m.
IPE, 311 Trent Drive, Durham – Lecture Hall

Charles L. Saltzman, MD

L.S. Peery, MD – Presidential Endowed Professor of Orthopaedics, University of Utah; Editor-in-Chief, *Foot & Ankle International* and *Foot & Ankle Orthopaedics*