

## ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, March 23, 2016

103 Bryan Research Building

7:00 – 8:00 A.M.

Cell Signaling Regulation of Skeletal Repair

Matthew J. Hilton, Ph.D.

Associate Professor of Orthopaedic Surgery and Cell Biology - DUMC

### Joint Accreditation Statement



In support of improving patient care, the Duke University Health System Dept of Clinical Education & Professional Development is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the health care team.

**Credit Designation Statement:** Duke University Health System Dept of Clinical Education and Professional Development designates this educational activity for a maximum of 1 AMA PRA Category 1 Credit(s). Physicians should claim only credit commensurate with the extent of their participation in the activity.

Faculty, Physician Assistants, and Area Orthopaedists are eligible to receive CME credits for this activity; however, they must sign-in on the attendance sheets provided. In order to remain CME compliant, all speakers must sign a Faculty Disclosure Form. Please contact Ms. Sharon Long, CME Associate for Orthopaedic Surgery at [Sharon.Long@mc.duke.edu](mailto:Sharon.Long@mc.duke.edu) or (919) 684-3170.

**Summary of Faculty Disclosure/Planning Committee:** The Following speakers and/or planning members have indicated that they have relationship(s) with industry to disclose: Dr. Hilton has nothing to disclose.



### WEDNESDAY, March 23, 2016

Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Boutonniere &amp; Swan Neck Reconstruction – Fraser J. Leversedge, M.D., Richard D. Goldner, M.D., Jacob W. Brubacher, M.D.</i>		

### THURSDAY, March 24, 2016

Fracture/ Trauma Conference	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>Pathophysiology and Treatment of Osteomyelitis – Robert A. Henderson, M.D.</i>		
Hand/ Upper Extremity Radiology Conference [1 <sup>st</sup> ]	6:30 – 7:30 A.M.	1512 Duke North Radiology
Foot and Ankle MRI Conference [2 <sup>nd</sup> and 4 <sup>th</sup> ]	6:30 – 7:30 A.M.	2125 ASC Conference Room
Orthopaedic Pediatric and Journal Club Conference	7:30 – 8:30 A.M.	107 Lenox Baker Children's Hospital
Musculoskeletal Histopathology Conference	7:45 – 8:45 A.M.	2-2 Cancer Center
Orthopaedic Basic Science Conference	5:30 – 7:00 P.M.	0101A Duke Clinic Bldg.
<i>Foot and Ankle Anatomy</i>		

### FRIDAY, March 25, 2016

Comprehensive Hip and Knee Reconstruction	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>TKA Metaphyseal Fixation – Michael P. Bolognesi, M.D.</i>		
Adult Reconstruction Preoperative Conference	6:15 – 7:15 A.M.	1515 Duke North Radiology
Foot & Ankle Indications Conference	6:30 – 7:30 A.M.	7683A HAFS Building, 7 <sup>th</sup> Floor
Hand Surgery Indications Conference – Journal Club - Leversedge	6:30 – 7:15 A.M.	2125 ASC Conference Room
Spine Case Conference	6:30 – 7:30 A.M.	1N07 – Cancer Center Radiology Conference Room
Sports Medicine Team Meeting with Dean Taylor, M.D.	6:15 – 7:00 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Conference	7:00 – 8:30 A.M.	Stedman Auditorium 3475 Erwin Road
<i>No Conference</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab
Basic Surgical Skills (for PGY 1 Residents)	9:00 A.M. – 1:00 P.M.	0044A Human Fresh Tissue Lab
<i>No Skills Lab</i>		

### NEXT WEEK

### MONDAY, March 28, 2016

Attending Orthopaedic Lecture Series Conference	6:30 – 7:00 A.M.	2002 Duke North Hospital
<i>ACL – William E. Garrett, Jr., M.D., Ph.D.</i>		
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	2902 Children's Health Center
Spine Preop Conference 2 <sup>nd</sup> and 4 <sup>th</sup>	7:15 – 7:45 A.M.	1512 Duke North Radiology

### TUESDAY, March 29, 2016

Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Hand Transplantation: Concepts and Considerations – Linda Cendales, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:30 A.M.	2125 ASC Conference Room
<i>M&amp;M Patient Safety Conference – Kamran S. Hamid, M.D., Joel G. Morash, M.D., David W. Walton, M.D., Peter H. White, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

### ANNOUNCEMENTS

March 30, 2016 – Grand Rounds – George S. Aitken Lecturer – Robert M. Peroutka, M.D. "Arthroplasty – From Evolution to Transformation"

April 11, 2016 – Leaving the Duke Nest – 6:00-8:00pm, Café Parizade, 2200 W Main St., Durham, NC – Chet Deshmukh MBA, OTR/L and Frances T. Mock, J.D.

April 25 – 27, 2016 – J. Leonard Goldner Visiting Professor – David G. Little, MBBS, Ph.D. "Current and Future Treatment of Perthes Disease"

## REFERENCES – GRAND ROUNDS CONFERENCE

**DUKE UNIVERSITY MEDICAL CENTER**  
2301 Erwin Road, Durham, NC 27710, 919.684.8111  
Attending Orthopaedic Lecture Series Conference [2002, 2nd Floor]  
Spine Preop Conference [1512, 1st Floor]  
Musculoskeletal Radiology-Pathology Conference [1512, 1st Floor]  
Fracture/Trauma Conference [1515, 1st Floor]  
Foot & Ankle Indications Conference [7663A, HAFS, 7th Floor]  
Comprehensive Hip & Knee Reconstruction Conference [1515, 1st Floor]  
Adult Reconstruction Preoperative Conference [1515, 1st Floor]  
Hand/Upper Extremity Radiology Conference [1512 1st Floor]  
Operating Rooms [3rd Floor], 919.681.5155

**HOSPITAL ADDITION FOR SURGERY (H.A.F.S.)**  
Replant Office [1661, 1st Floor]

**NORTH PAVILION/ AMBULATORY SURGERY CENTER**  
2400 Pratt Street, Durham, NC 27705, 919.668.2000  
Foot and Ankle Conference [2125, 2nd Floor]  
Foot & Ankle MRI Conference [2125, 2nd Floor]  
Hand & Upper Ext. Conference [0400, Lower Level]  
Hand Indications Conference [2125, 2nd Floor]  
Operating Rooms [2nd Floor], 919.668.2000

**DUKE CLINIC**  
40 Duke Medicine Circle, Durham, NC 27710, 919.684.8111  
Neurosciences/ Spine Clinic 1B/1C [1st Floor], 613-0444  
Orthopaedic Trauma Clinic 1H [1st Floor], 681-2842  
Hand & Upper Ext. Anatomy Lab [0101A, Basement, Purple Zone]  
Basic Science Conference [0101A, Basement, Purple Zone]  
Basic Surgical Skills [0101A, Basement, Purple Zone]

**DURHAM VA**  
508 Fulton Street, Durham, NC 27705, 919.286.0411  
Orthopaedic Clinic E [1st Floor], 919.286.0411 ext. 6248 or 6249  
Operating Rooms [4th Floor]

**BRYAN RESEARCH BLDG.**  
Research Drive, Durham, NC  
Grand Rounds Conference [103, 1st Floor]

**CANCER CENTER**  
20 Duke Medicine Circle, Durham, NC 27710  
Sarcoma Clinic [Level 00, Clinic 1], 668-6668  
Musculoskeletal Histopathology Conference [Level 2, Room 2]  
Spine Case Conference [1N07, 1st Floor]

**LENOX BAKER CHILDREN'S HOSPITAL**  
3000 Erwin Road, Durham, NC 27710  
Pediatric Orthopaedic Clinic [1st Floor], 919.684.6669  
Ortho. Pediatric and Journal Club Conference [107, 1st Floor]

**DUKE SPORTS SCIENCES INSTITUTE**  
[CENTER FOR LIVING CAMPUS]  
3475 Erwin Road, Durham, NC 27708  
Sports Medicine Clinic [DSSI Bldg.], 919.668.1402  
Sports Medicine & Journal Club Conferences [Integrative Medicine Bldg.]

**PG III PARKING**  
North Pavilion (ASC)

**PG II PARKING**  
Duke University Hosp.

**PG I PARKING**  
Duke Clinic

**Map not to scale and is intended to approximate building locations. • Fall, 2015**