



INDIANA UNIVERSITY
DEPARTMENT OF ORTHOPAEDIC SURGERY
School of Medicine

Department of Orthopaedic Surgery 40th Annual Garceau-Wray Lectureship

FRIDAY, JUNE 10, 2016

NCAA HALL OF CHAMPIONS, WALTER BYERS AUDITORIUM

700 W Washington Street, Indianapolis, IN 46204

8:00 AM - 4:00 PM

Free parking is available in the White River State Park underground garage

Hosted by L. Daniel Wurtz, M.D., Interim Chair

George J. Garceau, M.D.

1896-1977

The Department of Orthopaedic Surgery began in 1948, with the appointment of Dr. George J. Garceau as Chairman of the Department. Primarily known for his work in children's problems, especially clubfoot, Dr. Garceau guided the Department through 1966, when Dr. James B. Wray was appointed the first full-time Professor and Chairman of the Department.



James B. Wray, M.D.

1926-1973

Dr. Wray recruited a young group of orthopaedic surgeons to serve as the nucleus of the full-time academic department. In 1967, Dr. James B. Wray established basic science research in orthopaedics, which continued under National Institutes of Health support until 1984.



Keynote Speaker

William E. Garrett, Jr., M.D., Ph.D.

Duke Sports Sciences Institute

Dr. William E. Garrett, Jr. is a Professor of Orthopaedic Surgery at Duke University Medical Center. He received his M.D., Ph.D. and did Orthopaedic residency training at Duke University. He has had long involvement with the U.S. Soccer teams being Team Physician for both Men's and Women's World Cups and a member of the Sports Medicine Committee. He has also taken care of the University teams at Duke University. He has been Past President of the American Orthopaedic Society for Sports Medicine. He has received a number of national and international awards as well as research grants on the Biomechanics of Sport Injury with the emphasis being on muscle injury and anterior cruciate ligament injury. He has over 200 research publications in peer review journals. He is involved with a very busy clinical and research program still at Duke.



JUNE 10TH AGENDA

7:45 a.m. Registration and Continental Breakfast

8:15 a.m. *Welcome and Introduction*
L. Daniel Wurtz, M.D., Associate Professor
Interim Chair, IU Department of Orthopaedic Surgery

8:30 a.m. Isaac Fehrenbacher, M.D., Orthopaedic Trauma Fellow, IU Health Methodist
Todd McKinley, M.D., Faculty Mentor
Quantifying Surgical Magnitude to Predict Physiologic Response to Surgery

8:45 a.m. Matthew Cavallero, M.D., Orthopaedic Trauma Fellow, IU Health Methodist
Greg Gaski, M.D., Faculty Mentor
Nonlocking Plates Demonstrate Improved Value Versus Locking Plates in the Treatment of Bicondylar Tibial Plateau Fractures

9:00 a.m. Chris DeFalco, M.D., PGY-4 Orthopaedic Resident
Joseph Smucker, M.D., Faculty Mentor
Consideration of index segment sagittal alignment in anterior cervical instrumented arthrodesis as a predictor of adjacent segment degeneration

9:15 a.m. Introduction of William E. Garrett, Jr, M.D., Ph.D.
Duke Sports Sciences Institute
The George J. Garceau and James B. Wray Lecturer
ACL Femoral Tunnel Placement: Biomechanics & Technique

10:15 a.m. *Morning Break*

10:45 a.m. Drew Freese, M.D., PGY-4 Orthopaedic Resident
Russell Meldrum, M.D. and Bryan Sakamoto, M.D., Faculty Mentors
Efficacy of liposomal bupivacaine infiltration on postoperative management of total knee arthroplasty: a two year retrospective cohort study

11:00 a.m. Jonathan Harris, M.D., PGY-4 Orthopaedic Resident
Melissa Kacena, Ph.D., Faculty Mentor
Thrombopoietin: A Novel Osteoinductive Agent

11:15 a.m. Stella Lee, M.D., PGY-4 Orthopaedic Resident
L. Daniel Wurtz, M.D., Faculty Mentor
Early results of reconstruction using reverse shoulder arthroplasty with proximal humerus replacement

11:30 a.m. Scott Linger, M.D., PGY-4 Orthopaedic Resident
Karen Myung, M.D. and Randall Loder, M.D., Faculty Mentors
Intra- and Inter-observer variability of the rib-vertebral angle (MEHTA angle) difference

11:45 a.m. Greg Slabaugh, M.D., PGY-4 Orthopaedic Resident
Karen Myung, M.D., Faculty Mentor
Retrospective Review of Pain Management in Idiopathic Scoliosis Patients Treated with anterior Spinal Fusion Surgery

12:00 p.m. *Lunch – Palmer Pierce Atrium*

1:00 p.m. William E. Garrett, Jr, M.D., Ph.D.
Duke Sports Sciences Institute
The George J. Garceau and James B. Wray Lecturer
Non-Contact ACL Mechanism of Injury

2:00 p.m. Adam Madsen, M.D., Adult Reconstruction Fellow, Indiana University
R. Michael Meneghini, M.D., Faculty Mentor
Is the Frequently Quoted “Twenty Percent Dissatisfaction Rate” Accurate in the Modern Era of Total Knee Arthroplasty?

2:15 p.m. Rahul Biyani, M.D., Adult Reconstruction Fellow, Indiana University
R. Michael Meneghini, M.D., Faculty Mentor
Does an Anterior-Lipped Tibial Insert Adequately Substitute for a Post-Cam Articulation in Total Knee Arthroplasty?

2:30 p.m. Robert Kulwin, M.D., PGY-2 Orthopaedic Resident
Robert Klitzman, M.D., Faculty Mentor
Validation of the Lever Test in an Adolescent Patient Population

2:45 p.m. Stephen Oleszkiewicz, M.D. PGY-2 Orthopaedic Resident
Randall Loder, M.D., Faculty Mentor
Obesity’s Relation with Pediatric Distal Humerus Fractures

3:00 p.m. Brock Reiter, M.D., PGY-2 Orthopaedic Resident
Christine Caltoun, M.D., Faculty Mentor
A Retrospective Review of Injuries from the Misuse of Child Restraint Systems in Motor Vehicle Accidents

3:15 p.m. Ty Smith, M.D., PGY-2 Orthopaedic Resident
Walter Virkus, M.D., Faculty Mentor
Open Reduction of the Ankle Syndesmosis with Manual Reduction and Compression

3:30 p.m. Robert Wessel, M.D., PGY-2 Orthopaedic Resident
Walter Virkus, M.D., Faculty Mentor
Research Project TBA

3:45 p.m. *Presentation of Awards*
L. Daniel Wurtz, M.D., Associate Professor
Interim Chair, IU Department of Orthopaedic Surgery

4:00 p.m. Adjourn

Course description


This course is intended for orthopaedic surgeons, residents and orthopaedic allied health professionals. This lecture series brings the most recent advances in the field of orthopaedic surgery by allowing experts, community physicians and researchers to come together to address a variety of orthopaedic topics in the area of diagnosis and treatment for hip, spine, shoulder, knee, pediatrics, trauma, foot and ankle disorders. William E. Garrett, Jr., M.D. from Duke Sports Sciences Institute will share his expertise and knowledge in sports medicine. Local residents and fellows will present current research and concepts.

Course objectives

At the end of the program, participants should be able to:

- Recognize surgical magnitude & pathophysiology of the surgical stress response mechanisms that regulate important metabolic changes to minimize postoperative morbidity, decrease variability in surgical care, and contain hospital costs.
- Demonstrate proficiency in knee related skills and techniques related to treatment of tibial plateau fractures and total knee arthroplasty.
- Apply best practices in orthopaedic care of sports medicine patients including evaluation of surgery as best, least risky course of action, re-evaluation of previous diagnosis, and successfully solve challenging cases.
- Effectively recognize results of reconstruction using reverse shoulder arthroplasty with proximal humerus replacement.
- Identify how treatment with Posterior Spinal Fusion Surgery for patients with Idiopathic Scoliosis affects pain management outcomes.

Accreditation Statement

 The Indiana University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation Statement

The Indiana University School of Medicine designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Faculty Disclosure Statement

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support, educational programs sponsored by the Indiana University School of Medicine (IUSM) must demonstrate balance, independence, objectivity, and scientific rigor. All faculty, authors, editors, and planning committee members participating in an IUSM-sponsored activity are required to disclose any relevant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services that are discussed in an educational activity.

Note


While it offers CME credits, this activity is not intended to provide extensive training or certification in the field.

Location

This program will be held at the NCAA Hall of Champions, Walter Byers Auditorium located at 700 W Washington Street in Indianapolis, Indiana. Free parking is available in the White River State Park underground garage. After parking in the White River State Park Underground Garage, go to ground level and walk over the canal bridge. Pass the Hall of Champions to the next building on the right. Enter at door 25.

Registration

There is no registration fee for this program; however, online preregistration is appreciated. After June 8, 2016, please register at the door.



CLICK HERE TO
REGISTER ONLINE

Further information

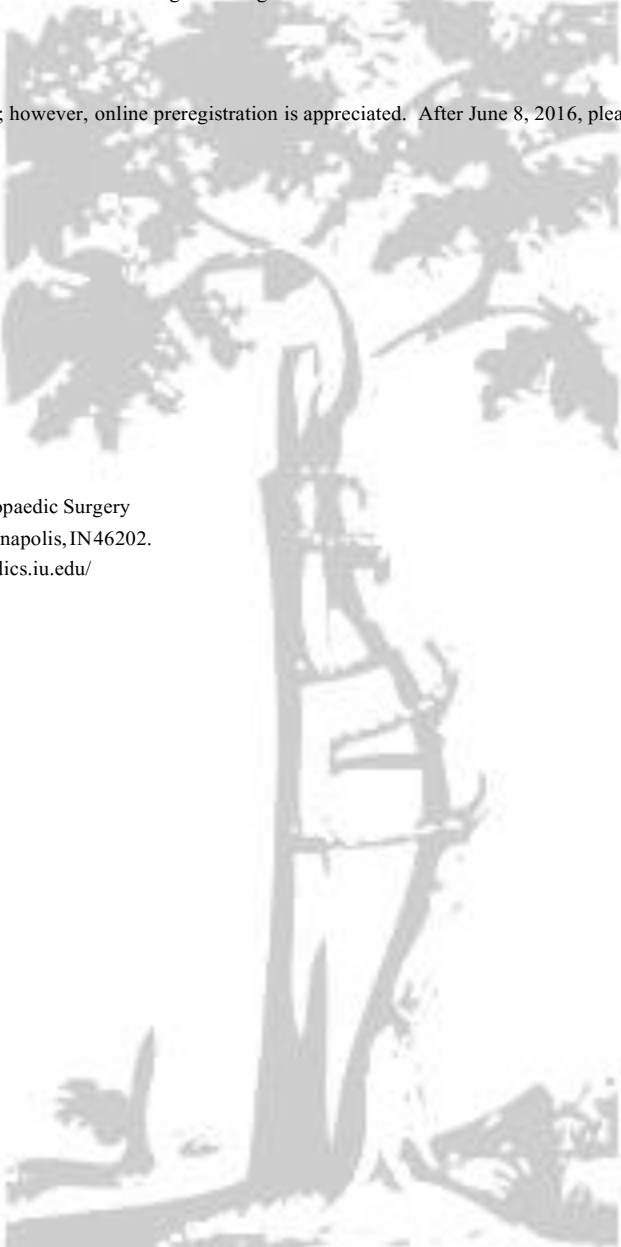
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