The Foundation for Orthopaedic Research and Education (FORE), a not-for-profit 501(c)3, was established in 1999 to provide patients with world-class orthopaedic care through research and education. Based in Tampa, Florida, FORE’s efforts to aid in the quest for orthopaedic excellence are accomplished by focusing on clinical and biomechanical research, surgical skills training and continuing medical education (CME). These areas are integral for improving the diagnosis, treatment and care of all patients with musculoskeletal disorders.

**CLINICAL RESEARCH**

FORE partners with world-renowned thought leaders to conduct orthopaedic research that has led to new insights in the orthopaedic industry. FORE specializes in orthopaedic outcome-based research such as investigational device exemption (IDE) studies, investigational new drug (IND) studies, industry-sponsored studies, investigator-initiated studies, randomized, controlled trials and case studies. FORE also offers full-service clinical trial management. In particular, experimental design/protocol development, IRB management, patient recruitment, data management, statistical support and data analysis and medical writing of abstracts and manuscripts. The Clinical Research Department conducts clinical trials in all orthopaedic sub-specialties.

**BIOMECHANICAL RESEARCH**

The Phillip Spiegel Orthopaedic Research Laboratory at FORE partners with industry, foundations, associations and societies to conduct basic science and translational research. Completed and published studies serve to demonstrate our research expertise in the area of in-vitro biomechanical testing. Projects range from: strength testing of various fracture fixation devices in the knee, hip, shoulder and elbow; kinematic biomechanical testing of total and reverse shoulder arthroplasty, and lumbar and cervical spine fusion and arthroplasty constructs.

**SURGICAL TRAINING CENTER**

The Florida InnoVation and Education (FIVE) Labs is a new and innovative facility designed to educate the next generation of healthcare professionals and to foster creativity for the development of technologies for healthcare’s biggest challenges. The facility is equipped to handle large events with 150+ attendees and 30 stations in the bioskills lab but it is just as ideal for smaller, more intimate meetings. The engineers at FIVE Labs’ Innovation Studio collaborate with healthcare professionals using the latest technologies for 3D model creation, rapid-prototyping, proof-of-concept testing, validation studies, and human factors engineering. FIVE Labs is conveniently located less than 2 miles from Tampa International Airport and less than one mile from full-service hotels and top-rated restaurants. Our experienced team of professionals offers concierge level service to ensure a seamless and successful event.

**CONTINUING MEDICAL EDUCATION**

The CME Department is accredited by the Accreditation Council for Continuing Medical Education to provide CME to physicians. They offer accredited live courses, regularly scheduled series (RSS) and e-learning activities. FORE’s CME encourages the continuing development of healthcare professionals by offering an array of activities that are designed to improve physicians skills, patient outcomes and care.

**PROFESSIONAL PLANNING SERVICES**

FORE CME offers Professional Planning Services for all phases of Continuing Education (CE) conferences, seminars, symposiums, skills-based hands-on workshops, lectures and events. FORE's CME department has been designing and implementing educational activities since 2006 and is a leader in educational program design, accreditation, execution and evaluation.

**Instructional Design & Accreditation Management**

- Gap analysis collaboration, research, and review
- Educational methodology guidance
- Learning objectives development
- Continuing education credit application review and designation of credit
- Content validation and conflict of interest resolution
- Outcomes measurement design & analysis
- On-site accreditation compliance oversight
- Solicitation and management of commercial support

**Conference Management**

- Initial planning and site selection
- Contract negotiations and logistics management with vendors, including facilities, catering services, and AV services
- Speaker selection, confirmation, and coordination of travel arrangements
- Budgeting and complete financial management
- Management of a database for participant registration and confirmation
- Advertising, including brochure design, printing, and distribution
- Syllabus / handout book preparation and printing
- Creation and summarization of participant program evaluations
- Complete on-site conference management
COURSE DESCRIPTION

Atlanta Trauma Symposium is designed for orthopaedic surgeons to enhance surgeon competency and provide strategies for fracture management. A distinguished faculty will present the latest concepts and techniques in orthopaedic trauma using didactic lectures, case presentations, and hands-on workshops.

TARGET AUDIENCE

This course is designed to meet the needs of general orthopedists and mid-level providers whose scope of practice includes fracture repair.

OBJECTIVES

- **Apply** the most current techniques in fracture care
- **Appraise** the updated indications for fracture treatment selection
- **Identify** the complexity of fracture so as to make the best referral decisions
- **Analyze** how healthcare reform may impact physician practice in orthopaedic trauma
- **Employ** different treatment options based on expert opinion
ORTHOPAEDIC TRAUMA
A Practical Guide to What We Need to Know in 2017

May 5-6, 2017 – Marriott Marquis, New York, NY

COURSE DESCRIPTION
This course is designed to present advanced instruction of upper and lower extremity trauma to practicing orthopaedic surgeons and orthopaedic residents who have working knowledge of present technology. Participants will be updated on the new techniques and philosophies in the modern management of orthopaedic trauma. Participants will learn to identify and understand the appropriate salvage procedures for difficult trauma cases through didactic lectures, cases presentations and hands-on workshops. The hands-on workshops, with equipment and saw bones, will offer participants the opportunity to apply these new techniques for treating fractures of the upper and lower extremity. Ample individualized instruction will be provided by faculty members. By making physicians aware of these newest options in treatment, we hope to lessen patient morbidity and enhance satisfaction and outcome.

TARGET AUDIENCE
Orthopaedic Surgeons, Residents, Nurses, PA's, Physical and Occupational Therapists.

OBJECTIVES
• Apply new techniques in learners specific practices
• Acquire working knowledge of salvage procedures for difficult trauma cases.

COURSE DIRECTORS
Melvin P. Rosenwasser, MD
Robert E. Carroll Professor of Surgery of the Hand
Columbia University Medical Center

Columbia University
Chief of Orthopaedic Trauma & Hand Services
New York-Presbyterian Hospital
New York, NY

PROVIDED BY
COURSE DESCRIPTION

Castellvi Spine is designed for surgeons and non-operative clinicians with specific interest in disorders of the spine. Distinguished faculty will present the latest advances in the field including complex reconstruction, artificial disc replacement, use of biologics, spine biomechanics, management of complications, treatment modalities for osteoporosis, and emerging technologies. There will be ample time for question and answer sessions, as well as special cadaveric labs.

TARGET AUDIENCE

Orthopaedic surgeons, neurosurgeons, orthopaedic surgical and neurosurgical assistants including physician assistants, nurse practitioners, orthopaedic nurses and neurosurgical nurses, and medical professionals whose scope of practice includes spine.

OBJECTIVES

- Assess and Critique emerging techniques in comparison to current treatment options
- Discuss adult deformity and complications
- Understand the use of lumbar techniques in spine surgery
- Employ useful surgical techniques in total disc replacement surgery
- Apply decision making strategies to complex cervical and lumbar degenerative disc disease procedures
The Detroit Regional Sports Medicine Symposium is dedicated to a multiple specialty, multi-faceted approach to the treatment and prevention of sports related injuries. In the face of lifestyle changing issues or injuries, we strive to return every individual to abilities at or above pre-injury levels. We accomplish this goal for individuals and athletes of every age and skill level allowing them to lead healthy, active, injury-free lives.

TARGET AUDIENCE
Attending physicians, residents, fellows and physician assistants who are interested in the specialties of sports medicine, orthopaedic surgery, PM & R, primary care and also physical therapists and athletic trainers.

OBJECTIVES
- Increase knowledge of current trends in the diagnosis and management of complex orthopaedic injuries
- Increase knowledge of current trends in non-surgical management of injuries and review evidence based treatment recommendations
- Increase knowledge of current trends in sports medicine
ORTHOPAEDICS
FOR THE PRIMARY CARE PRACTITIONER
& REHABILITATION THERAPIST

JULY 21-23, 2017 -THE SANDPEARL, CLEARWATER, FL

COURSE DESCRIPTION
This course is designed to provide healthcare professionals with the most current diagnostic and treatment options in every orthopaedic subspecialty. A distinguished faculty will present recent advances in pediatrics, trauma, & fracture fixation, arthritis, joint reconstruction, sports related conditions, spine surgery, biologics, and physical therapy. Participants will be given ample time for interactive discussions, opportunities to interact with faculty, plus hands-on workshops.

TARGET AUDIENCE
Primary care practitioners, nurse practitioners, physician assistants, physical therapists, occupational therapists, athletic trainers, and any allied healthcare professional whose scope of practice or profession includes orthopaedics.

OBJECTIVES
• Review common musculoskeletal ailments
• Discuss updates in treating common orthopaedic injuries
• Assess appropriate diagnostic imaging tests
• Evaluate indications for referral to a specialist with regard to hip & knee disorders
• Develop new approaches to relieve pain and improve function; specifically the painful shoulder
• Evaluate existing therapies to enhance treatment
NEW THIS YEAR
THURSDAY KNEE CARTILAGE SESSION
CELEBRATING 20 YEARS OF THE RUSH CARTILAGE RESTORATION CENTER

COURSE DESCRIPTION
This course has been designed to present knee, shoulder, elbow, hip and sports medicine ailments and the most advanced treatment options from nationally and internationally recognized orthopaedic surgeons. Live surgery broadcasts, workshops, case presentations and panel discussions will offer the participants the opportunity to interact with faculty and learn the most current solutions to these challenging problems.

TARGET AUDIENCE
Orthopaedic surgeons, primary care practitioners, physician assistants, nurses, athletic trainers, physical therapists and other healthcare professionals whose scope of practice includes sports medicine.

OBJECTIVES
• Manage complex glenohumeral instability, advanced arthroscopic instability techniques, and management of anterior and posterior bone loss
• Manage rotator cuff tears from partial to massive tears, including complex tendon transfer and patch augmentation
• Recognize and evaluate contemporary management strategies for articular cartilage reconstruction
• Evaluate and treat basic and complex knee ligament injuries
• Identify, evaluate, and manage Femoral Acetabular Impingement and Labral Tears of the hip
• Understand contemporary rehabilitation programs and return to play guidelines for common shoulder, knee and hip problems.
• Evaluation management of sports elbow conditions including epicondylitis, ulnar nerve entrapment and ligament repair.
FRONTIERS
IN UPPER EXTREMITY SURGERY

NOVEMBER 4-5, 2017 - EMBASSY SUITES & FIVE LABS, TAMPA, FL

COURSE DESCRIPTION
This course provides the practicing hand surgeon with a comprehensive update on treatments for various hand and upper extremity surgery including arthroplasty, reconstruction, fracture care, care of the upper extremity in the pediatric patient, difficult problems in elbow surgery, and shoulder surgery for the hand surgeon. Learners will gain insight into both common and complex problems of the upper extremity, understand indications for surgery, therapy, outcomes of each, and potential complications of intervention. The course format is a mix of lectures, hands-on cadaveric labs, and engaging panel discussions.

TARGET AUDIENCE
Orthopaedic and plastic surgery trained hand surgeons, general orthopaedic surgeons, fellows, residents, physician assistants, physical therapists, surgical assistants, nurse practitioners, nurses, and other healthcare professionals whose scope of practice includes hand and upper extremity surgery.

OBJECTIVES
• Evaluate surgical and nonsurgical principles of managing common hand and upper extremity problems
• Address common problems and complications associated with distal radius fractures
• Implement enhanced management of fractures, arthritis and congenital problems
• Employ current trends and techniques in microsurgical reconstruction in the upper extremity
• Apply current concepts for total wrist arthroplasty
• Develop strategies for the treatment of the shoulder, including: rotator cuff tears, shoulder instability, proximal and distal humerus fractures
COURSE DESCRIPTION

This live activity is designed to identify areas of concern or controversy in the management of baseball athletes in a team sport setting through didactic presentations and case based scenarios. Key issues, along with up-to-date and practice solutions, will be addressed. Time has been built into the agenda for questions and answers.

TARGET AUDIENCE

This conference is designed for any orthopaedic surgeon, physician, athletic trainer, physical therapist, strength and conditioning expert, or coach concerned with the management or prevention of injuries to the baseball athlete.

OBJECTIVES

- Analyze epidemiological trends in baseball injuries for professional, collegiate and youth baseball players
- Integrate prevention strategies with their health care team(s) to improve musculoskeletal and medical health for baseball players
- Assess and apply surgical and non-surgical treatment recommendations and rehabilitation protocols for the management of essential musculoskeletal and medical conditions in baseball
CURRENT SOLUTIONS IN ORTHOPAEDIC TRAUMA

November 10-12, 2017 - Renaissance International Plaza & FIVE Labs, Tampa, FL

COURSE DESCRIPTION

This course is designed to provide the orthopaedic surgeon with a comprehensive update on the evolving concepts and techniques in orthopaedic trauma. International leaders in the field of orthopaedic traumatology will present their experience, techniques, challenging cases, and offer instruction in hands-on workshops. Ample time will be provided for question and answer sessions and for participants to interact with faculty.

TARGET AUDIENCE

Orthopaedic surgeons, fellows, residents, physician assistants, surgical assistants, nurse practitioners, nurses, industry professionals and other healthcare professionals whose scope of practice includes orthopaedic trauma.

OBJECTIVES

• Discuss emerging techniques in upper and lower extremities and compare to current treatment options
• Apply new concepts for treatment of foot and ankle fractures
• Understand Femoral Neck and Intertrochanteric Fractures
• Evaluate and apply new concepts for treatment in Orthobiologics and Infection
Orthopaedic Trauma & Fracture Care: Pushing the Envelope

January 2018 • San Diego, California

COURSE DIRECTOR
JEFFREY M. SMITH, MD
Orthopaedic Traumatologist
Consultant, Surgical Practice Specialist

COURSE DESCRIPTION
This course is designed to educate orthopaedic surgeons on existing core principles in trauma and fracture care, challenge dogma, explore emerging techniques and technology, and continue improving. Nationally renowned leaders in the field of orthopaedic trauma will lead interactive discussions and debates, present their experiences, techniques and challenging cases, and provide instruction in hands-on workshops.

TARGET AUDIENCE
Orthopaedic surgeons, physician assistants, surgical assistants, nurses and other healthcare professionals whose scope of practice includes trauma and fracture care.

OBJECTIVES
• Know several emerging techniques in Trauma and Fracture Care with discussion of where they stand relative to evidence-based medicine and standard of care
• Discuss the advantages and disadvantages of surgical treatment options for fractures of the extremities and pelvis
• Recognize the benefits (and limitations) of Operative Dogma and Evidence-Based Medicine as it pertains to Trauma and Fracture Care
• Know and discuss useful fracture repair techniques even those not yet in the textbooks
• Debate and understand controversies in Trauma and Fracture Care such as those related to surgical timing
• Know emerging strategies for surgeon wellness and burnout prevention
COURSE DESCRIPTION

This course is designed to provide the orthopaedic surgeon with a comprehensive update on treatments for various shoulder and elbow disorders including conservative care, arthroplasty, arthroscopy, and fracture management. The course format is a diverse combination of lectures, hands-on workshops and engaging panel discussions. A pre-course cadaveric lab provides advanced surgical techniques for TSA and RTS surgical techniques for those registrants. A group of distinguished faculty will present their experience, techniques, and discuss individual cases. Ample time for question and answer sessions will be provided for participants to interact with faculty.

TARGET AUDIENCE

Orthopaedic Surgeons, Physician Assistants, Nurses and other healthcare professionals whose scope of practice includes shoulder and elbow surgery.

OBJECTIVES

- Apply innovative methods of assessment and management to various shoulder and elbow disorders
- Apply current concepts to total elbow arthroplasty
- Consider the post-operative complications and outcomes following anatomic and reverse shoulder arthroplasty
- Identify humeral and glenoid bone loss and develop strategies to manage as they relate to anatomic and reverse shoulder arthroplasty
- Develop strategies for the treatment of shoulder instability
- Assess the options for the treatment of massive rotator cuff tears
COURSE DESCRIPTION

This is a two and a half day CME symposium that focuses on comprehensive diagnosis, management and surgical treatment of orthopaedic diseases involving the foot and ankle. The course format consists of lectures, interactive panel discussions with audience, difficult case controversies and hands-on surgical and technique training in a cadaver lab setting. In the laboratory, physicians will have the opportunity to evaluate several state-of-the-art technologies such as: surgical navigation, powered instrumentation, and hand instruments.

TARGET AUDIENCE

Orthopaedic surgeons, fellows, residents, nurses, physician assistants and other healthcare professionals whose scope of practice includes foot and ankle surgery.

OBJECTIVES

- **Apply** principles for reconstruction in the foot and ankle
- **Understand** and perform surgical approaches facilitating access to the foot and ankle
- **Demonstrate** surgical techniques for reconstruction
COURSE DESCRIPTION

This course is designed to educate orthopaedic surgeons on existing core principles in trauma and fracture care, challenge dogma, explore emerging techniques and technology, and continue improving. Nationally renowned leaders in the field of orthopaedic trauma will lead interactive discussions and debates, present their experiences, techniques and challenging cases, and provide instruction in hands-on workshops.

TARGET AUDIENCE

Orthopaedic surgeons, physician assistants, surgical assistants, nurses and other healthcare professionals whose scope of practice includes trauma and fracture care.

OBJECTIVES

- Know several emerging techniques in Trauma and Fracture Care with discussion of where they stand relative to evidence-based medicine and standard of care
- Discuss the advantages and disadvantages of surgical treatment options for fractures of the extremities and pelvis
- Recognize the benefits (and limitations) of Operative Dogma and Evidence-Based Medicine as it pertains to Trauma and Fracture Care
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- Know emerging strategies for surgeon wellness and burnout prevention
## INTERNATIONAL CONGRESS FOR JOINT RECONSTRUCTION (ICJR) COURSES

[www.ICJR.net](http://www.ICJR.net)

### 5th Annual Revision Hip and Knee Course
The Kahler Grand Hotel
April 6-8, 2017
Rochester, MN

### Combined MAOA & ICJR Pre-Course
Omni Amelia Island Plantation
April 19, 2017
Amelia Island, FL

### 5th Annual South/RLO Spring Hip & Knee Course
Belmond Charleston Place
May 18-20, 2017
Charleston, SC

### Transatlantic Orthopaedic Congress
New York Marriott Marquis
October 12-15, 2017
New York, NY

### 6th Annual Direct Anterior Approach Hip Course
Westin Galleria Houston
October 19-21, 2017
Houston, TX

### 25th Annual David A. McQueen Memorial Perspectives in Total Joint Arthroplasty
Flint Oak
October 20-21, 2017
Fall River, KS

### 6th Annual Shoulder Course
Chaired by: , The Cosmopolitan of Las Vegas
November 2-4, 2017
Las Vegas, NV
November 4, 2017

### JOINTLY PROVIDED COURSES

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<th>Name</th>
<th>Description</th>
<th>Location</th>
<th>Date</th>
<th>Venue</th>
<th>Chair</th>
<th>Website</th>
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<tbody>
<tr>
<td>Southeastern Fracture Consortium</td>
<td>Jointly provided by FORE &amp; SEFC</td>
<td>Durham, NC</td>
<td>January 2018</td>
<td><a href="http://www.sefs.org">www.sefs.org</a></td>
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<tr>
<td>13th Annual Mazama Spine Summit</td>
<td>Jointly provided by FORE &amp; South Sound Neurosurgery Research &amp; Education Institute</td>
<td>Sun Mountain Lodge, Winthrop, WA</td>
<td>January 2018</td>
<td>Richard N.W. Wohns, MD</td>
<td>&lt;www.destinationmi.com/mazama&gt;</td>
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<tr>
<td>15th Annual Trauma 101: Fracture Care</td>
<td>Provided by UC Health</td>
<td>Opal Sands Resort, Clearwater, FL</td>
<td>May 11-13, 2017</td>
<td>Michael Archdeacon, MD, MSE</td>
<td>&lt;www.med.uc.edu/ortho/trauma-101&gt;</td>
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<tr>
<td>Orthopaedic Research Day Graduating Fellows and Residents</td>
<td>Jointly provided by FORE, Florida Orthopaedic Institute &amp; USF Health</td>
<td>FIVE Labs, Tampa, FL</td>
<td>June 16, 2017</td>
<td>John Small, MD</td>
<td>&lt;www.foreonline.org&gt;</td>
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<tr>
<td>47th Annual Orthopaedic and Trauma Seminar</td>
<td>Jointly provided by FORE and Excelen Center for Bone &amp; Joint Research and Education</td>
<td>Minneapolis, Minnesota</td>
<td>October 26-28, 2017</td>
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<td>&lt;www.excelen.org/orthotrauma&gt;</td>
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### INTERNET COURSES

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<th>Name</th>
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<th>Chair</th>
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<tbody>
<tr>
<td>Orthobullets Self Assessment Exams and Study Programs</td>
<td>Jointly Provided By FORE &amp; Orthobullets</td>
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<td>&lt;www.orthobullets.com&gt;</td>
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<tr>
<td>Orthopaedic Trauma Association Webinars</td>
<td>Jointly Provided By FORE &amp; OTA</td>
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<td>&lt;www.OTA.org&gt;</td>
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<tr>
<td>Eastern, Southern, and Western Orthopaedic Associations Self-Assessment Exam</td>
<td>Jointly Provided By FORE &amp; Eastern, Southern and Western Orthopaedic Associations</td>
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<td>&lt;www.woa-assn.org&gt;</td>
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### REGULARLY SCHEDULED SERIES (RSS) COURSES

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<th>Date</th>
<th>Venue</th>
<th>Chair</th>
<th>Website</th>
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<tbody>
<tr>
<td>Weekly Spine Conference</td>
<td>Jointly Provided By FORE &amp; Florida Orthopaedic Institute</td>
<td>Florida Hospital Carrollwood</td>
<td>Tuesdays</td>
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<td>&lt;www.foreonline.org&gt;</td>
</tr>
<tr>
<td>Orthopaedic Trauma Service Fracture Conference</td>
<td>Jointly Provided By FORE &amp; Florida Orthopaedic Institute</td>
<td>Tampa General Harbourside</td>
<td>Bi-weekly Mondays and Fridays</td>
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<td>&lt;www.OTA.org&gt;</td>
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<tr>
<td>Adult Reconstruction Conference</td>
<td>Jointly Provided by FORE &amp; Florida Orthopaedic Institute</td>
<td>FOI Telecom</td>
<td>Fridays</td>
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