

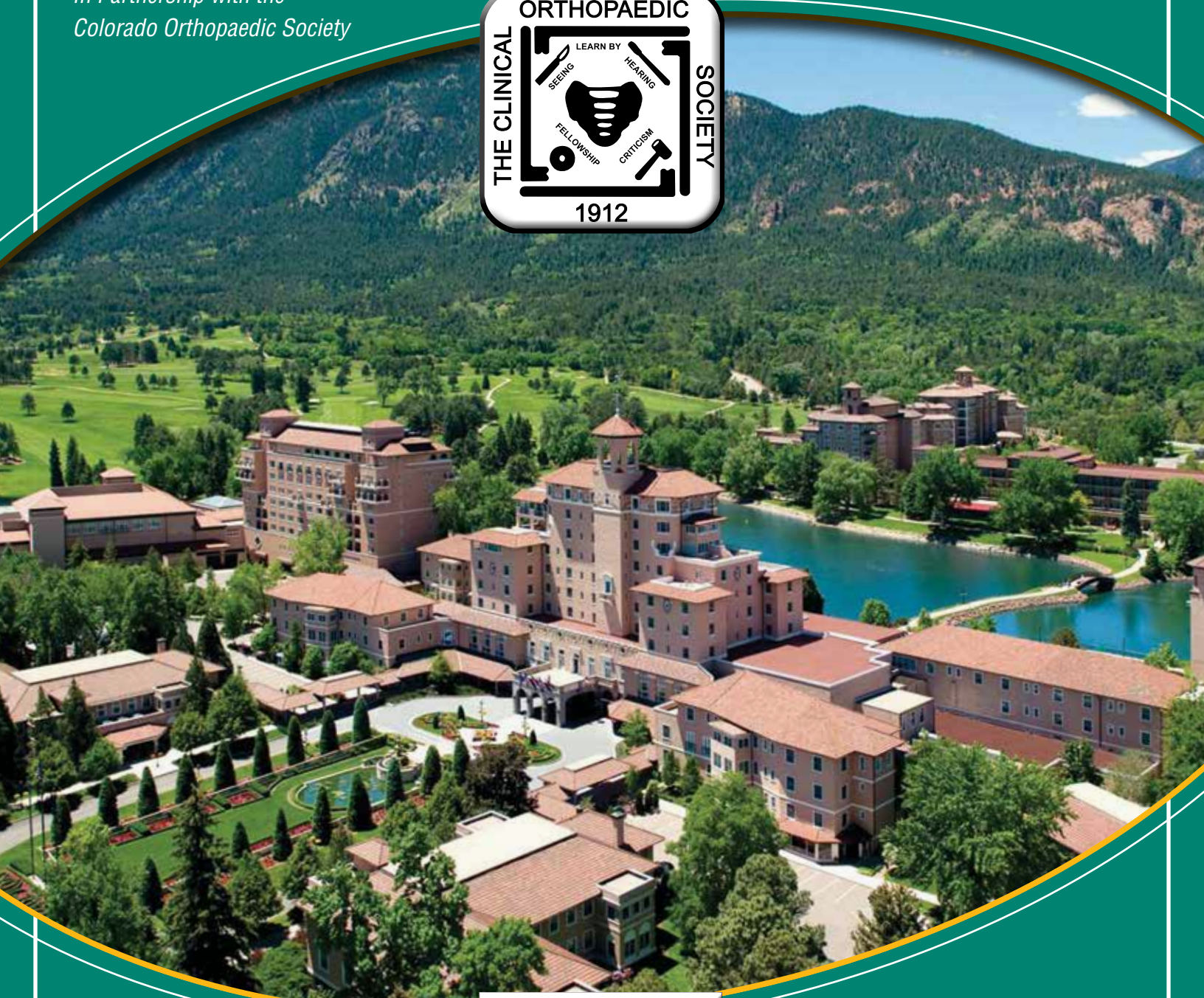
**102<sup>nd</sup>**

CLINICAL ORTHOPAEDIC SOCIETY

# Annual Meeting

September 11 - 13, 2014 • THE BRO<sup>A</sup>DMOOR • Colorado Springs, CO

*In Partnership with the  
Colorado Orthopaedic Society*



*Featuring*  
**LIVE PATIENT  
PRESENTATIONS**



Program and registration  
information can be found at  
[www.cosociety.org](http://www.cosociety.org)



## 2013 - 2014 Board of Directors and Officers

### **President**

Robert M. Peroutka, MD

### **First President-Elect**

James A. Slough, MD

### **Second President-Elect**

Ricardo J. Rodriguez, MD

### **Secretary – Treasurer**

John E. Garber, MD

### **Librarian – Historian**

Dabney Y. Hofammann, MD

### **Immediate Past President**

William C. Warner, Jr., MD

### **Past President**

Bess E. Brackett, MD

### **Members at Large**

William R. Niedermeier, MD

Charles T. Fletcher, MD

Russell Hudgens, MD

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### **Program Co-Chairs:**

Theodore L. Stringer, MD

C. Lowry Barnes, MD

George Brindley, MD

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### **Executive Director**

Stewart A. Hinckley

### **Association Manager**

Julie Hitt

## A Message From The President



**A**fter a very successful 2013 meeting in Buffalo with the New York State Society of Orthopaedic Surgeons, the Clinical Orthopaedic Society will again team up with the other COS (Colorado Orthopaedic Society) for a joint meeting at The Broadmoor in Colorado Springs September 11th – 13th. Dr. Ted Stringer, president of the Colorado Orthopaedic Society, Dr. Lowry Barnes and Dr. George Brindley will serve as co-chairmen of the scientific program. Symposia of pertinent topics will be combined with our traditional live patient presentations for the three day 19.5 hour CME accredited meeting.

Presidential Guest Speakers include Dr. James Urbaniak (who is also the COS 2014 recipient of the Dr. and Mrs. J. Elmer Nix Ethics Award), Dr. David Hungerford, and Dr. James Ficke. An outstanding faculty incorporates a taste of Colorado orthopaedics into the program, with presentations by U.S. Olympic Team physicians (the U.S. Olympic Training Center is in Colorado Springs), military orthopaedists (the U.S. Air Force Academy is in Colorado Springs), and team physicians for the Denver Broncos, the Denver Nuggets, the Colorado Rockies and the Colorado Avalanche. The American Fracture Association will be joining the meeting with their hallmark X-Ray Forum.

We invite you to join us for education, discussion, camaraderie and recreation. The Broadmoor offers a wonderful setting in the mountains with exemplary accommodations as well as an abundance of outdoor activities for your enjoyment. Spend an afternoon wandering through the Cheyenne Mountain Zoo that overlooks The Broadmoor, ride the world's highest Cog Railway to the summit of Pike's Peak, take a Jeep tour through the Garden of the Gods, tackle one of the three Broadmoor golf courses designed by Robert Trent Jones, Sr. and Arnold Palmer, or choose another of the many activities available for the whole family.

COS social activities include the President's Welcome Reception on Thursday evening and the Friday evening lakeside terrace Taste of Colorado Dinner featuring local food, wine and brews. Numerous dining and nightlife options are also available at The Broadmoor, or you can venture into Colorado Springs or nearby Manitou Springs for some local flavor.

Mark your calendars now and benefit from the early registration rates as well as our reduced group room rates at The Broadmoor. Visit our website ([www.cosociety.org](http://www.cosociety.org)) for program details and registration information and The Broadmoor website ([www.broadmoor.com](http://www.broadmoor.com)) to plan your stay. We hope to see you and your family in September!

Sincerely,

Bob and Peggy Peroutka

## About This Meeting

### MEETING MISSION STATEMENT

The 2014 102nd Annual Meeting of the Clinical Orthopaedic Society will offer participants a comprehensive review of orthopaedic conditions including sports medicine and arthroscopy, patient safety, trauma, foot and ankle, pediatric orthopedics, and upper extremity surgery. Meeting attendees will review tried and true methods of diagnosis and treatments in addition to acquiring knowledge in the latest diagnostic and treatment techniques in each of these areas. The COS program faculty for 2014 are experts in the orthopedic subspecialty topics represented and will be available to clinicians throughout the meeting. Dialogue and interaction between the audience and presenters will be highly encouraged.

Highlighting this year's program are Live Patient Presentations that will allow participants to view patient-physician interactions. This program is sponsored by the Clinical Orthopaedic Society in conjunction with the Colorado Orthopaedic Society for members and non-members, and has been designed to meet the needs of practicing orthopaedic surgeons.

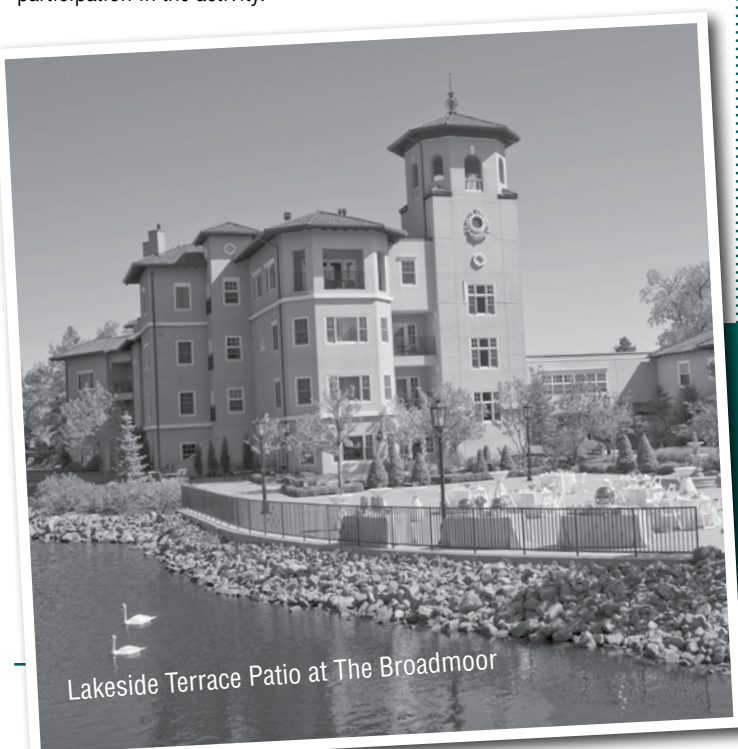
### TARGET AUDIENCE

Orthopaedic surgeons, orthopaedic residents, sports medicine physicians, physician assistants, nurse practitioners, nurses, physician therapists, occupational therapists, trainers and other allied health personnel, epidemiologists, researchers, and all those involved with the care of patients with orthopaedic conditions will benefit from attending the 2014 102nd Annual Meeting of the Clinical Orthopaedic Society.

### ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Academy of Orthopaedic Surgeons and the Clinical Orthopaedic Society. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **19.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Lakeside Terrace Patio at The Broadmoor

## Course Objectives

### PEDIATRIC ORTHOPAEDICS

Define the most current techniques in evaluation and treatment of the pediatric orthopaedic patient including symposium presentations on fracture, sports injuries and reconstruction.

### HAND AND UPPER EXTREMITY

Symposium will address topics specific to trauma including diagnosis and management of compartment syndrome of the upper extremity with "live patient" presentation as well as upper extremity exam.

### MUSCULOSKELETAL ONCOLOGY

Presentations from regional and national experts on multiple related topics including "live patient" to provide the audience perspectives on recognition and management of the common and unusual in this topic category.

### ADULT RECONSTRUCTION

Concepts of "modern" joint arthroplasty of shoulder, knee and hip with presentations provided by a panel of regional and national experts.

### SPORTS

Several symposia will be provided within this topic category including "Care of the Olympic Athlete" presented by orthopedists responsible for the care of our athletes at the 2014 Winter Games in Sochi. "Perspectives on Care of the Colorado Professional Athlete" presented by a panel responsible for the orthopaedic care of the Broncos, Nuggets, Rockies and Avalanche, and a symposium on "Hot Topics and Controversies in Sports Medicine."

### TRAUMA

Learn the latest techniques and specialized aspects of care of the "poly trauma patient" moderated by a panel of local experts in the field.

### MILITARY ORTHOPAEDICS

National experts from the Colorado Springs community will provide perspectives of orthopaedic care unique to their practice and patient population including "far forward orthopaedics" and management of blast injuries.

### PATIENT SAFETY

A panel of practicing orthopaedists will provide discussion and insight into the enhancement of patient safety through a practice focused approach.

### ADVOCACY AND ACTIVISM

Will include an AAOS update from First Vice President David Teuscher and a panel discussion on the specifics of involvement in the political process for the enhancement of patient care.

THE  
**BROADMOOR**  
COLORADO SPRINGS

For room rates and reservations, please visit:

[www.cosociety.org](http://www.cosociety.org)

Rooms and rates are subject to availability.

Hotel cutoff date: August 24, 2014

# 102<sup>nd</sup> Annual Meeting Scientific Program

## THURSDAY, SEPTEMBER 11, 2014

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6:45 am – 3:00 pm	Registration
6:45 am – 7:10 am	Breakfast with Exhibitors
7:10 am – 7:20 am	Welcome and Opening Remarks – Robert M. Peroutka, MD
7:20 am – 7:30 am	Welcome from the Colorado Orthopaedic Society President – Theodore L. Stringer, MD

### **SYMPOSIUM 1 – Perspectives and Pearls in Pediatric Orthopaedics**

*Moderators: Brian A. Shaw, MD, FAAP, FAAOS*

7:30 am – 7:45 am	Management of Adolescent DDH – Eduardo Novais, MD
7:45 am – 8:00 am	Adolescent Shoulder Dislocation, Should We Treat Early – Jay Albright, MD
8:00 am – 8:15 am	Age Dependent Management of Pediatric Femur Fracture – Jason Stoneback, MD
8:15 am – 8:30 am	Pediatric Orthopaedics, The Overseas Experience – Brian A. Shaw, MD, FAAP, FAAOS
8:30 am – 8:45 am	Pediatric Fractures of the Medial Epicondyle, To Fix or Not to Fix – Jason Rhodes, MD
8:45 am – 9:00 am	Tumors Masquerading as Common Benign Developmental Conditions and Sports Injuries – Nathan Donaldson, DO
9:00 am – 9:10 am	Question and Answer with Panel

### **SYMPOSIUM 2 – Orthopaedics in the Military**

*Moderator: Kristina S. Walick, MD, LTC US Army*

9:10 am – 9:30 am	Far Forward Orthopaedics, Lessons Learned from the Global War on Terrorism – Kristina S. Walick, MD, LTC
9:30 am – 9:35 am	Turn-up Plasty for Salvage of Amputations: A case series – Elizabeth Polfer, MD
9:35 am – 9:40 am	An Analysis of Orthopaedic Research Produced During the Conflicts in Iraq and Adghanistan: The Top 20 – LCDR George C. Balazs, MD, MC, USN
9:40 am – 10:10 am	Advancements in Orthopaedics as a Result of the Global War on Terrorism – James R. Fické, MD and Kristina S. Walick, MD, LTC
10:10 am – 10:40 am	Advancements in Rehabilitation and Prosthetics with Live Patient Presentation – James R. Fické, MD; and Donald A. Gajewski, MD
10:40 am – 10:50 am	Question and Answer with Panel
10:50 am – 11:15 am	Break with Exhibitors
11:15 am – 11:45 am	<b>Dr. and Mrs. J. Elmer Nix Presentation and Lecture:</b> Reflections – James R. Urbaniak, MD

### **SYMPOSIUM 3 – Care of the Colorado Professional Athlete**

*Moderator: Steven M. Traina, MD*

11:45 am – 12:05 pm	ACL Injuries in the NBA – Steven M. Traina, MD, Head Team Physician for the Denver Nuggets
12:05 pm – 12:15 pm	Extensor Mechanism Injuries About the Knee: An NFL Perspective – Martin Boublik, MD, Head Team Physician for the Denver Broncos
12:15 pm – 12:35 pm	UCL Injuries of the Elbow and Internal Impingement of the Shoulder: An MLB Perspective – Thomas Noonan, MD, Head Team Physician for the Colorado Rockies
12:35 pm – 12:55 pm	Headaches and Hernias: The NHL Experience – Andrew Parker, MD, Head Team Physician for the Colorado Avalanche
12:55 pm – 1:05 pm	Question and Answer with Panel
1:05 pm – 2:05 pm	Exhibitor Lunch
2:05 pm – 2:35 pm	<b>PRESIDENTIAL GUEST SPEAKER</b> - Orthopaedic Education in the 21st Century – David S. Hungerford, MD

### **SYMPOSIUM 4 – Topics on Trauma**

*Moderator: Wade R. Smith, MD and Steven J. Morgan, MD, FACS*

2:35 pm – 3:05 pm	Role of Biological Modifiers Regulating the Immune Response After Trauma – Wade R. Smith, MD and Steven J. Morgan, MD, FACS
3:05 pm – 3:35 pm	Pathophysiology of Trauma – Philip F. Stahel, MD, FACS
3:35 pm – 4:30 pm	Leo Cooper X-Ray Forum – Moderator Diana D. Carr, MD
4:30 pm	Meeting Adjourns
6:30 pm	President's Welcome Reception with Exhibits - Colorado Casual Dress Rocky Mountain Ballroom

## FRIDAY, SEPTEMBER 12, 2014

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7:00 am – 3:00 pm	Registration
7:00 am – 7:30 am	Breakfast with Exhibitors

# 102<sup>nd</sup> Annual Meeting Scientific Program

## PAPERS WITH DISCUSSION

*Moderator: George W. Brindley, MD*

- 7:30 am - 7:35 am Defining and Evaluating Excellence in Orthopedics – Marshall K. Steele, MD  
7:35 am - 7:40 am The 'Lever Sign': A new clinical test for the diagnosis of Anterior Cruciate Ligament Rupture – David Spenciner, PE, ScM, MBA  
7:40 am - 7:45 am Preventive Effects of Eccentric Training on Acute Hamstring Muscle Injury in Professional Baseball – Richard A. Seagrave III, MD  
7:45 am - 7:50 am Topical Tranexamic Acid Use in Knee Periprosthetic Joint Infection is Safe and Effective – Talal Zahoor  
7:50 am - 7:55 am Novel Technique for All-Arthroscopic Reconstruction of the Acetabular Labrum by Capsular Augmentation: Outcomes at Minimum One-Year Follow-Up – Kyle Alpaugh, MA  
7:55 am - 8:00 am Predictors of post-operative pain and narcotic use after primary arthroscopic rotator cuff repair – Troy Roberson, MD  
8:00 am - 8:05 am Surgical outcomes and indications for total hip arthroplasty in patients under 25 years of age – Erin Wylie, BA, MAT  
8:05 am - 8:10 am The Spectrum of Foot Deformities in Loeys-Dietz Syndrome – Thomas Kim, MD  
8:10 am - 8:15 am Incidence and implications of intra-articular radial head fractures in the pediatric patient – Ryan Fader, MD  
8:15 am - 8:20 am Radiographic Parameters Correlating with Success of Mehta Cast Utilization in Infantile Idiopathic Scoliosis – Hamid Hassanzadeh, MD  
8:20 am - 8:30 am Question and Answer

## SYMPOSIUM 5 – Hand and Upper Extremity

*Moderator: John Froelich, MD*

- 8:30 am - 8:50 am End to Side Nerve Repair – James R. Urbaniak, MD  
8:50 am - 9:10 am Compartment Syndrome of the Upper Extremity with Live Patient Presentation – Sameer Lodha, MD  
9:10 am - 9:30 am Nerve Grafts in the Upper Extremity – John Froelich, MD  
9:30 am - 9:50 am Management of Elbow Dislocation – William Payne, MD  
9:50 am - 10:00 am Question and Answer with Panel  
10:00 am - 10:15 am Break with Exhibitors

## SYMPOSIUM 6 – Care of the Olympic Athlete

*Moderator: Steven R. Myers, MD*

- 10:15 am - 10:45 am Gloria M. Beim, MD, FAAOS – CMO Team USA 2014 Winter Games  
10:45 am - 11:15 am Steven R. Myers, MD – Team Physician US Ski Team  
11:15 am - 11:45 am Charlie Huebner – Chief of Paralympics-USOC  
11:45 am - 12:00 pm Question and Answer with Panel  
12:00 pm - 1:00 pm Lunch on Own  
1:00 pm - 1:30 pm **PRESIDENTIAL GUEST SPEAKER** - Serendipity, Surgeons and Service: Perspectives on Orthopaedic Leadership – James R. Fické, MD

## SYMPOSIUM 7 – Patient Safety

*Moderator: Theodore J. Clarke, MD*

- 1:30 pm - 1:45 pm Tools to Ensure a Safe Patient Outcome - The Surgical Checklist – Jeffrey M. Nakano, MD  
1:45 pm - 2:00 pm Rescuing Failed Prior Therapy – Cynthia Kelly, MD  
2:00 pm - 2:15 pm Judgement – Michael Dayton, MD  
2:15 pm - 2:30 pm Question and Answer with Panel  
2:30 pm - 2:45 pm Coffee Break

## SYMPOSIUM 8 – Hot Topics and Controversies in Sports Medicine

*Moderator: Christopher K. Jones, MD and Michael J. Huang, MD*

- 2:45 pm - 3:00 pm ACL Injuries in the Skeletally Immature Patient – Jay Albright, MD  
3:00 pm - 3:15 pm Cartilage Restoration and Salvage Procedures in the Knee – Wayne K. Gersoff, MD  
3:15 pm - 3:30 pm Hip Labral Reconstruction – Brian J. White, MD  
3:30 pm - 3:45 pm Update on Femoroacetabular Impingement – Michael J. Huang, MD  
3:45 pm - 4:00 pm PRP / Biologics – Christopher K. Jones, MD  
4:00 pm - 4:15 pm Question and Answer with Panel  
4:15 pm Meeting Adjourns  
6:30 pm Friday Night Reception: A Taste of Colorado - Colorado Casual Dress  
Poolside Patio at the Broadmoor

# 102<sup>nd</sup> Annual Meeting Scientific Program

**SATURDAY, SEPTEMBER 13, 2014**

6:30 am – 2:00 pm Registration  
6:30 am – 7:00 am Continental Breakfast

## **SYMPOSIUM 9 – When You Hear Hoof Beats...A Tumor Primer for Orthopaedic Surgeons**

*Moderator: George W. Brindley, MD*

7:00 am – 7:15 am Evaluation and Diagnosis of Extremity Tumors – Ronald R. Hugate, MD  
7:15 am – 7:30 am Treatment of Extremity Tumors – Ross Wilkins, MD  
7:30 am – 7:45 am Metastatic Cancer to Bone – Cynthia Kelly, MD  
7:45 am – 8:00 am Live Patient Presentation

## **Classics in Orthopaedics**

*Moderators: Robert E. Eilert, MD and Theodore L. Stringer, MD*

8:00 am – 8:30 am Guest Speaker – Sponsored by the Colorado Orthopaedic Society  
Protrusio Acetabulum – Howard H. Steel, MD  
8:30 am – 9:00 am Live Patient Presentation  
9:00 am – 9:15 am Coffee Break  
9:15 am – 10:00 am Clinical Orthopaedic Society's Annual Membership Meeting

## **SYMPOSIUM 10 – AAOS and OREF Update and Symposium on Political Activism**

*Moderator: Thomas G. Frierhood, MD*

10:00 am – 10:25 am AAOS Update – David D. Teuscher, MD  
10:25 am – 10:35 am OREF Update – Ramon L. Jimenez, MD  
10:35 am – 11:00 am Panel Discussion – John Froelich, MD; Thomas G. Frierhood, MD; and David D. Teuscher, MD

## **SYMPOSIUM 11 – Adult Reconstruction and Joint Arthroplasty**

*Moderator: C. Lowry Barnes, MD*

11:00 am – 11:15 am Don't Throw the Baby Out with the Bath Water – David S. Hungerford, MD  
11:15 am – 11:30 am Material Allergies in Arthroplasty – Michael Dayton, MD  
11:30 am – 11:45 am Alternative Bearings in THA – Jason Jennings, MD  
11:45 am – 12:00 pm Experience with Exparel and Other Topics – C. Lowry Barnes, MD  
12:00 pm – 12:15 pm Shoulder Arthroplasty: Running the Reverse – Christopher K. Jones, MD  
12:15 pm – 12:30 pm Live Patient Presentation – Theodore L. Stringer, MD  
12:30 pm – 12:45 pm Presidential Address / Passing of the Presidential Gavel  
12:45 pm Meeting Adjourns



# 102<sup>nd</sup> Annual Meeting Faculty

**Jay Albright, MD**

Associate Professor  
Children's Hospital  
Aurora, CO

**C. Lowry Barnes, MD**

Professor, University of Arkansas  
for Medical Sciences  
St. Vincent Hospital  
Little Rock, AR

**Gloria M. Beim, MD, FAAOS**

Alpine Orthopaedics & Sports  
Medicine  
Gunnison, CO

**Martin Boublik, MD**

Head Team Physician for  
the Denver Broncos  
Steadman Hawkins Clinic  
Denver, CO

**George W. Brindley, MD**

Texas Tech University  
Health Sciences Center  
Lubbock, TX

**Theodore J. Clarke, MD**

CEO and Chairman COPIC  
Denver, CO

**Diana D. Carr, MD**

Sebring, FL

**Michael Dayton, MD**

Associate Professor  
Director of Orthopaedic  
Residency Program  
University of Colorado  
Aurora, CO

**Nathan Donaldson, DO**

Assistant Professor  
Children's Hospital  
Aurora, CO

**Robert E. Eilert, MD**

Emeritus Professor of Pediatrics  
Children's Hospital  
University of Colorado  
Aurora, CO

**James R. Fické, MD**

Professor and Chairman  
Orthopaedic Surgery  
Johns Hopkins University School  
of Medicine  
Baltimore, MD

**Thomas G. Frierhood, MD**

Panorama Orthopaedics  
Golden, CO

**John Froelich, MD**

Assistant Professor  
University of Colorado  
Aurora, CO

**Donald A. Gajewski, MD, LTC,  
US Army**

Director – Center for the Intrepid  
Brooke Army Medical Center  
San Antonio, TX

**Wayne K. Gersoff, MD**

Advanced Orthopedic and  
Sports Medicine Specialists  
Denver, CO

**Michael J. Huang, MD**

Colorado Springs Orthopaedic  
Group  
Colorado Springs, CO

**Charlie Huebner**

Chief of Paralympics  
United States Olympic Committee  
Colorado Springs, CO

**Ronald R. Hugate, MD**

Colorado Limb Consultants  
Presbyterian/St. Luke's Medical  
Center  
Denver, CO

**David S. Hungerford, MD**

Professor of Orthopaedic Surgery  
Johns Hopkins University  
School of Medicine  
Baltimore, MD

**Ramon L. Jimenez, MD**

Monterey Peninsula Orthopaedic  
and Sports Medicine Institute  
Monterey, CA

**Christopher K. Jones, MD**

Colorado Springs Orthopaedic  
Group  
Colorado Springs, CO

**Cynthia Kelly, MD**

Colorado Limb Consultants  
Presbyterian/St. Lukes  
Medical Center  
Denver, CO

**Sameer Lodha, MD**

Panorama Orthopaedics  
and Spring Center  
Golden, CO

**Steven J. Morgan, MD, FACS**

Mountain Orthopaedic Trauma  
Surgeons  
Englewood, CO

**Steven R. Myers, MD**

Colorado Springs Orthopaedic  
Group  
Colorado Springs, CO

**Jeffrey M. Nakano, MD**

Rocky Mountain Orthopaedic  
Associates  
Grand Junction, CO

**Thomas Noonan, MD**

Head Team Physician for  
the Colorado Rockies  
Steadman Hawkins Clinic  
Denver, CO

**Eduardo Novais, MD**

Associate Professor  
Children's Hospital  
Aurora, CO

**Andrew Parker, MD**

Head Team Physician for  
the Colorado Avalanche  
Orthopedic Associates  
Denver, CO

**William 'TJ' Payne, MD**

Assistant Professor  
University of Colorado  
Aurora, CO

**Jason Rhodes, MD**

Assistant Professor  
University of Colorado  
School of Medicine  
Aurora, CO

**Brian A. Shaw, MD, FAAP,  
FAAOS**

Associate Professor of  
Orthopaedic Surgery  
University of Colorado  
School of Medicine  
Children's Hospital of Colorado  
Colorado Springs, CO

**Wade R. Smith, MD**

Mountain Orthopaedic Trauma  
Surgeons  
Englewood, CO

**Philip F. Stahel, MD, FACS**

Denver Health Medical Center  
Denver, CO

**Howard H. Steel, MD**

Emeritus Chief Surgeon  
Shriner's Hospital  
Philadelphia, PA

**Jason Stoneback, MD**

Assistant Professor  
University of Colorado School of  
Medicine  
Aurora, CO

**Theodore L. Stringer, MD**

Colorado Springs Orthopaedic  
Group  
Colorado Springs, CO

**David D. Teuscher, MD**

Beaumont Bone and Joint Institute  
Beaumont, TX

**Steven M. Traina, MD**

Head Team Physician for  
the Denver Nuggets  
Western Orthopaedics  
Denver, Colorado

**James R. Urbaniak, MD**

Virginia Flowers Baker Professor of  
Orthopaedic Surgery  
Duke University Medical Center  
Durham, NC

**Kristina S. Walick, MD, LTC,  
US Army**

OIC Musculoskeletal Service  
and Orthopaedics  
Evans Army Community Hospital  
Ft. Carson, CO

**Brian J. White, MD**

Western Orthopaedics  
Denver, CO

**Ross Wilkins, MD**

Colorado Limb Consultants  
Presbyterian / St. Luke's Medical  
Center  
Denver, CO

**Charles Yang, MD**

Colorado Joint Replacement  
Porter Hospital  
Denver, CO

# 102nd Annual Meeting



September 11-13, 2014 • The Broadmoor • Colorado Springs, CO

In Partnership with the Colorado Orthopaedic Society



## Meeting Registration Form

Name \_\_\_\_\_  MD  PhD  DO  
 Last First MI  AT  PA  Other: \_\_\_\_\_

Preferred Mailing Address \_\_\_\_\_

City / State / Zip \_\_\_\_\_ Email Address\* \_\_\_\_\_

Office Phone \_\_\_\_\_ Home Phone \_\_\_\_\_ Fax # \_\_\_\_\_

**Registration Policy:** All attendees including spouse/guest must pay a registration fee to attend any COS event unless otherwise noted below. Badges are required for entrance to scientific sessions and social functions. Registration fees include: President's Reception, physician and spouse/guest breakfast and breaks, **plus Live Patient Case Presentations**. Fees help to cover meeting expenses. Please complete all areas on this form. Fees are per person.

\*E-Mail required for registration confirmation.

Check all that apply	Through 8/6/14	After 8/6/14	
<input type="checkbox"/> Clinical Orthopaedic Society Member	\$675	\$775	= \$ _____
<input type="checkbox"/> Colorado Orthopaedic Society Member			
<input type="checkbox"/> Non-Member - US & Canada	\$775	\$875	= \$ _____
<input type="checkbox"/> Emeritus	\$320	\$345	= \$ _____
<input type="checkbox"/> COS First Year/Registrant	\$425	\$450	= \$ _____
<input type="checkbox"/> Physician Assistant	\$595	\$695	= \$ _____
<input type="checkbox"/> Allied Health	\$320	\$345	= \$ _____
<input type="checkbox"/> Orthopaedic Resident*	Fee waived	Fee waived	= \$ _____
<input type="checkbox"/> Athletic Trainer	\$150	\$200	
<input type="checkbox"/> Thursday Exhibitor/President's Reception # of tickets _____	Complimentary	Complimentary	= \$ _____
<input type="checkbox"/> A Taste of Colorado Reception # of guest tickets _____	Registrant: \$75 Guest: \$75 each	Registrant: \$85 Guest: \$85 each	= \$ _____

**Please see separate Spouse/Guest Registration Form**

\*When accompanied by a letter from department chair, verifying resident status. Residency completion date: \_\_\_\_\_

**Spouse/Guest Activity Total = \$ \_\_\_\_\_**

**GRAND TOTAL = \$ \_\_\_\_\_**

How did you hear about this meeting?

Email  Mail Flyer  Journal / Name of Journal: \_\_\_\_\_  Other: \_\_\_\_\_

**Please Send Payment to: Clinical Orthopaedic Society, 2209 Dickens Road, Richmond, VA 23230-2005**

Credit card payments may be faxed to 804-282-0090. If paying by check, please make check payable to COS.

Personal Check  VISA  MasterCard  Discover  American Express

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

CVV Security Code \_\_\_\_\_ (3-digit # in signature box on the back of VISA, MC, or Discover or 4-digit # on front of AMEX card above the card #.)

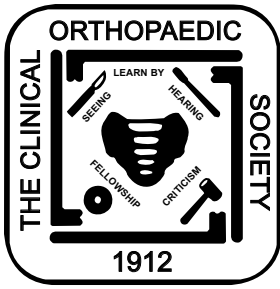
Signature \_\_\_\_\_ Printed Name on Card \_\_\_\_\_

Card Billing Address \_\_\_\_\_ Card Billing Zip \_\_\_\_\_

Refund Policy: 50% refund through 8/6/14; no refunds after 8/6/14. Refund will be determined by date *written* cancellation is received. All cancellations must be in writing. Contact COS headquarters with any questions.

**If you do not receive a confirmation letter from the COS within 10 days of submitting your registration, please call the office at 804-565-6366 or email: cos@societyhq.com to confirm that your registration material has been received.**





Clinical Orthopaedic Society  
 2209 Dickens Road  
 Richmond, VA 23230-2005

## COS 102nd Annual Meeting Guest/Spouse Registration Form

**Name:** \_\_\_\_\_

**Email\*\*:** \_\_\_\_\_

*\*\*The COS will send spouse activity information to the provided email address.*

**Guest/Spouse Fees:** .....\$125

To Include: Morning Hospitality (3 Breakfasts) and President's Reception.

**Please check all that apply:**

- Thursday, September 11, 2014 – A Day in Manitou Springs**  
 Join us for a few hours of shopping, browsing, dining, wine tasting, or whatever you fancy. Group will gather for lunch at 12:30 pm prior to departure. We will end with a stop at one of the area's most popular dessert spots! (All guests are on own for lunch and dessert. Transportation provided.)
- Friday, September 12, 2014 – Cheyenne Zoo – The Wonders of the Wild**  
 When in or around Colorado Springs, CO, The Cheyenne Zoo is a MUST SEE! Join us for a 1.5 hour guided tour of one of Colorado's masterpieces. After the tour the Zoo is yours to enjoy!! (Transportation provided.)

### NEW THIS YEAR – GROUP ACTIVITY

*\*\*In addition to registration fees, below based on per person cost.*

- Saturday, September 13, 2014 - 2:00 pm-7:00 pm – Garden of the Gods** ..... \$85  
 Explore Colorado Springs' paradise in one magical stop. Garden of the Gods Park is a registered National Natural Landmark. Imagine dramatic views, 300' towering sandstone rock formations against a backdrop of snow-capped Pikes Peak and brilliant blue skies. This world class Visitor & Nature Center is the most visited attraction in the region. Delight in one of Colorado's most photographed views while eating in our glassed in cafe or from our terrace overlooking Pikes Peak and Garden of the Gods. Where else can you eat inside a postcard? (Transportation provided.)

# of tickets @ \$85 per person \_\_\_\_\_

**TOTAL FOR REGISTRATION\*\*\*: \$** \_\_\_\_\_

*\*\*\*Please enter this total on the main COS 102nd Annual Meeting registration form*