WOA Scientific Program
The Coeur d’Alene, Coeur D’Alene, ID
July 29-August 1, 2015
(Presenters and times are subject to change.)

**Wednesday, July 29**

5:00 pm – 7:00 pm  
Industry Workshop / Skills Lab – Distal Femur Fractures (Plate versus IMN)  
*Not For CME*

**Thursday, July 30**

5:50 am – 6:50 am  
**Scientific Poster Session** (Poster Presenters Available)

6:50 am – 7:05 am  
**First Business Meeting**

7:05 am – 7:10 am  
**Welcome**  
Paul C. Collins, MD, President  
Payam Tabrizi, MD, Program Chair

**General Session 1 – Upper Extremity Trauma Debates (ARS)**  
Moderator:  Payam Tabrizi, MD, *Santa Clara Valley Orthopedics, San Jose, CA*

7:10 am – 7:35 am  
**Scaphoid Fractures**  
Non-Op  
Jeffrey D. Seip, MD, *Orthopedic Specialty Center, Yucca Valley, CA*

ORIF  
David C. Hay, MD, *Kerlan-Jobe Orthopaedic Clinic, Anaheim, CA*

7:35am – 8:00 am  
**4 Part Proximal Humerus Fractures**  
Non-Op  
Andrew Choo, MD, *University of Texas Health Science Center, Houston, TX*

ORIF  
James D. Kelly II, MD, *San Francisco Shoulder, Elbow and Hand Clinic, San Francisco, CA*

Arthroplasty  
Emilie Cheung, MD, *Stanford School of Medicine, Red Wood City, CA*
8:00 am – 8:20 am  
**Break – Please visit Exhibits**

**General Session 2 – Orthopaedic Practice Patterns & National Trends – Part 1**  
Moderator: TBD

8:20 am – 8:26 am  
Preferences And Trends For Elective Surgery On Nicotine Users Amongst Orthopaedic Surgeons  
*Matt Lilley, MD, The Taylor Collaboration, San Francisco, CA*

8:26 am – 8:32 am  
Treatment Trends and Complication Rates Following Humeral Shaft Fractures,  
*Claire Eliasberg, University of California at Los Angeles, Los Angeles, CA*

8:32 am – 8:38 am  
Pediatric Supracondylar Humerus Fractures: Does After-Hours Treatment Influence Outcomes?  
*Gabrielle M. Paci, MD, Stanford School of Medicine, Redwood City, CA*

8:38 am – 8:44 am  
Open Shoulder Stabilization: Current Trends and Post-Operative Complications  
*Adam Z Khan, BS, Los Angeles, CA*

8:44 am – 8:50 am  
Should Pre-Operative Antibiotics Be Given In Simple Knee Arthroscopy?  
*Ronald Wyatt, MD, Kaiser-Permanente Walnut Creek, Walnut Creek, CA*

8:44 am – 9:00 am  
Discussion

**Concurrent PA Session 1**  
Moderator: David H. Chafey, MD, *University of New Mexico School of Medicine, Albuquerque, NM*

8:20 am – 9:45 am  
Industry Workshop / Skills Lab – Stryker Orthopaedics Proximal Humerus (ORIF vs Arthroplasty)

9:00 am – 9:05 am  
**Go To Stations**

**Session 3A - Rapid Fire - Basic Science**  
Moderator: TBD

9:05 am – 9:09 am  
Hypoxic Culture Conditions Induce Increased Metabolic Rate and Collagen Gene Expression in ACL-Derived Cells
Natalie Leong, MD, University of California at Los Angeles, Los Angeles, CA

9:09 am – 9:13 am Biomechanical Comparison Of Placement Density With An All Suture And Traditional Anchors
John Rodriguez, MD, The Taylor Collaboration, San Francisco, CA

9:13 am – 9:17 am Optimizing Compression: Comparing Eccentric Plate Holes and External Tensioning Device
Justin F. Lucas, MD, UC Davis Health Center, Sacramento, CA

9:17 am – 9:25 am Discussion

9:25 am – 9:29 am Locking Plates Stability: A Biomechanical Effect of Variable Cortical Contact
Zach Vaughn, MD, Stanford School of Medicine, Redwood City, CA

9:29 am – 9:33 am Fracture Healing In a Mouse Model Exposed to Pegylated-NELL
Elizabeth L. Lord, MD, University of California at Los Angeles, Los Angeles, CA

9:33 am – 9:37 am The Effect Of RhBMP-2 In A Novel, Non-Instrumented Extremity Nonunion Model
Jason H. Ghodasra, MD, MSCI, Northwestern University Feinberg School of Medicine, Chicago, IL

9:37 am – 9:45 am Discussion

Session 3B - Rapid Fire – Hip
Moderator: TBD

9:05 am – 9:09 am Accuracy Of Ultrasound-Guided Intra-Articular Hip Injections Performed In The Orthopaedic Clinic
Eric Turner, MD, Madigan Army Medical Center, Tacoma, WA

9:09 am – 9:13 am Subcutaneous Hip Fat Distribution In Relation To THA Surgical Approach
Gregory Sprowls, BS, Scott and White Healthcare/College of Medicine, Texas A&M Health Science Center, Temple, TX
9:13 am – 9:17 am  Perioperative Outcomes Of Total Hip Arthroplasty After Lumbar Spinal Fusion  
Jeffrey J. Barry, MD, University of California, San Francisco, San Francisco, CA

9:17 am – 9:25 am  Discussion

9:25 am – 9:29 am  Initial Stiffness of Fixation in Vancouver C Periprosthetic Fractures  
D. Andrew Hulet, BS, University of Utah, Salt Lake City, UT

9:29 am – 9:33 am  Acetabular Revision Using A Cementless Protrusio Shell: Radiographic Analysis & Survivorship At Mid-Term Follow-Up  
Chase Bennett, MD, Sutter General Hospital, Sacramento, CA

9:33 am – 9:37 am  Outcome Of Hip Fracture Care In Elderly Patients In A Senior Managed Care System  
Hamed Yazdanshenas, MD, University of California at Los Angeles, Los Angeles, CA

9:37 am – 9:45 am  Discussion

Session 3C - Rapid Fire – Pediatrics
Moderator: TBD

9:05 am – 9:09 am  Necessity Of Postoperative Radiographs Prior To Pin Removal Following Surgical Treatment Of Supracondylar Humerus Fractures  
Michael J. Dempewolf, DO, MBA, Children's Hospital of Orange County, Orange, CA

9:09 am – 9:13 am  Revision Surgery Rates After Primary Fusion For Adolescent Idiopathic Scoliosis  
Joseph H. Dannenbaum, MD, Shriner's Hospital for Children, Spokane, WA

9:13 am – 9:17 am  Results of Early Hip Reconstructive Surgery in Severely Involved Children with Cerebral Palsy  
Betsy Bean, DO, Shriner's Hospital for Children, Spokane, WA

9:17 am – 9:25 am  Discussion
9:25 am – 9:29 am Severity Of Asynchronous SCFE In Skeletally Immature Versus Mature Patients
Gregory Strohmeyer, MD, University of New Mexico School of Medicine, Albuquerque, NM/Helen Devos Children’s Hospital, Grand Rapids, MI

9:29 am – 9:33 am Success Of Fixation Of Pediatric Supracondylar Femur Fractures With Fracture Non-Specific Implants
Meghan Imrie, MD, Lucile Packard Children's Hospital at Stanford, Stanford, CA

9:33 am – 9:37 am Treatment Guidelines For Acute Pediatric Musculoskeletal Infections: Worth The Effort?
Murray D. Spruiell, MD, Children's Hospital of Colorado/University of Colorado School of Medicine, Aurora, CO

9:37 am – 9:45 am Discussion

Session 3D - Rapid Fire – Sports (Knee)
Moderator: Omer Ilahi, MD, Texas Arthroscopy and Sports Medicine Institute, Houston, TX

9:05 am – 9:09 am Gender Differences In Knee Flexion Angle While Running
Christopher L. Sheu, MD, The University of Texas Medical Branch, Galveston, TX

9:09 am – 9:13 am An Objective Outcome Score For MPFL Reconstruction And Patellar Instability Surgery
Keith Jarbo, MD, Banner Good Samaritan, Phoenix, AZ

9:13 am – 9:17 am Delayed Anterior Cruciate Ligament Reconstruction in Pediatric Tibial Spine Fractures
Meredith Mayo, MD, University of Colorado School of Medicine, Aurora, CO

9:17 am – 9:25 am Discussion

9:25 am – 9:29 am The Effect Of Autologous Hamstring Graft Diameter On Likelihood For Failure Of Anterior Cruciate Ligament Reconstruction
Lindsey Spragg, MD, Kaiser Baldwin Park, Baldwin Park, CA

9:29 am – 9:33 am Osteochondral Allograft Donor-Host Matching by Femoral Condyle Radius of Curvature
Derek T. Bernstein, MD, Houston Methodist Hospital, Houston, TX

9:33 am – 9:37 am Perioperative Management And Treatment Costs Of Knee Articular Cartilage Lesions
Joanne Y. Zhang, BA, David Geffen School of Medicine at University of California at Los Angeles, Los Angeles, CA

9:37 am – 9:45 am Discussion

9:45 am – 10:05 am Break – Please visit Exhibits

General Session 4 – Howard Steel Lecturer
Moderator: Paul C. Collins, MD, Boise, ID

10:05 am – 10:55 am Making Sense of the Man or Woman in your Life
Kevin Leman, PhD, Tucson, AZ

Symposium 1 – Basic Science
“She Blinded Me with Science” – Thomas Dobly (1982)
Moderator: Douglas W. Jackson, MD, Long Beach, CA

10:55 am – 11:10 am Metabolic Bone Disease
Susan Bukata, MD, University of California at Los Angeles, Los Angeles, CA

11:10 am – 11:25 am Bisphosphonates
Jeff Krygier, MD, Santa Clara Valley Medical Center, San Jose, CA

11:25 am – 11:40 am Orthopaedic Infections
Robert Feibel, MD, University of Ottawa, Ottawa, ON

11:40 am – 11:45 am Discussion

11:45 am – 12:45 pm WOA Luncheon -- Industry Presentation
*Not For CME

Symposium 2 – Foot & Ankle
Moderator: Michael J. Coughlin, MD, Saint Alphonsus Medical Group Foot & Ankle, Boise, ID

12:45 pm – 1:15 pm Ankle Arthritis Debate (ARS)
Fusion
Glen B. Pfeffer, MD, Cedar Sinai Medical Center, Los Angeles, CA

Arthroplasty
Charles L. Saltzman, MD, University of Utah Health Care, Salt Lake City, UT

1:15 pm – 1:22 pm
Achilles Tendon Injuries in NFL Players
Michael J. Coughlin, MD, Saint Alphonsus Medical Group Foot & Ankle, Boise, ID

1:22 pm – 1:30 pm
Extremity Trauma: Mobile Forward Surgical Team
Timothy Floyd, MD Fairchild AFB, Spokane, WA

1:30 pm – 1:40 pm
Discussion

1:40 pm – 4:00 pm
Multimedia Education Session

4:00 pm – 5:00 pm
Scientific Poster Tours – Upper Extremity (Poster Presenters Available)

Friday, July 31

6:00 am – 7:00 am
Scientific Poster Session (Poster Presenters Available)

General Session 5 - Lower Extremity Trauma Debates (ARS)
Moderator: Robert Dunbar, MD, University of Washington, Harborview Medical Center, Seattle, WA

7:00 am – 7:25 am
Proximal Tibia Fractures
Plate Fixation
Cory Collinge, MD, Orthopedic Specialty Associates, Fort Worth, TX

IMN
Phillip Leucht, MD, PhD, New York University, New York, NY

7:25 am – 7:50 am
Calcaneal Fractures
Non-Op / Percutaneous Fixation
Julius Bishop, MD, Stanford School of Medicine, Red Wood City, CA

ORIF
Richard Buckley, MD, University of Calgary, Calgary, AB
Fusion
Pat Yoon, MD, Hennepin County Medical Center,
University of Minnesota, Minneapolis, MN

Concurrent PA Session 2
Moderator: TBD

7:00 am – 8:00 am  Adolescent Injuries
J. Gamble, MD, Stanford School of Medicine, Redwood City, CA

7:50 am – 8:10 am  Break – Please visit Exhibits

General Session 6 – Orthopaedic Practice Patterns & National Trends – Part 2
Moderator: TBD

8:10 am – 8:16 am  Current Trends in Treatment and Outcomes Measurement in CMC Osteoarthritis
Elizabeth Lieberman, MD, Oregon Health and Science University, Portland, OR

8:16 am – 8:22 am  Demographic Trends and Complication Rates in Arthroscopic Elbow Surgery
Natalie L. Leong, MD, University of California at Los Angeles, Los Angeles, CA

8:22 am – 8:28 am  Operative Versus Non-Operative Treatment of Clavicle Fractures - National Trends & Complications
Chad R. Ishmael, MD, University of California at Los Angeles, Los Angeles, CA

8:28 am – 8:34 am  CMN vs. DHS For Fixation Of AO 31A1/2 Intertrochanteric Fractures
Michael Beebe, MD, University of Utah, Salt Lake City, UT

8:34 am – 8:40 am  Operatively Treated Talus Fractures: Complications and Survivorship in a Large Patient Sample
Michael Stone, MD, University of Southern California Keck School of Medicine, Los Angeles, CA

8:40 am – 8:50 am  Discussion

Concurrent PA Session 3
Moderator: TBD
8:20 am – 9:20 am  The Ironman Athlete/Acute on Chronic Injuries

Thomas K. Miller, MD, Virginia Tech Carilion School of Medicine, Roanoke, VA

8:50 am – 8:55 am  Go To Stations

**Session 7A - Rapid Fire – Academics**

**Moderator:** TBD

8:55 am – 8:59 am  The Role Of Peer Reviewed Research In The Orthopaedic Surgery Residency Match

Sean T. Campbell, MD, Stanford School of Medicine, Redwood City, CA

8:59 am – 9:03 am  The Ability Of A Teaching Skills Education Program To Improve Orthopaedic Residents' Skills As Teachers

Dustin Schuett, DO, Naval Medical Center San Diego, San Diego, CA

9:03 am – 9:07 am  Objective Evaluation Of Motor Skills Training Effectiveness For Orthopaedic Residents Utilizing A Haptic Motion Tracking Drill System

Deana Mercer, MD, University of New Mexico, Albuquerque, NM

9:07 am – 9:15 am  Discussion

9:15 am – 9:19 am  Fluoroscopic Image Acquisition Variability During Operative Fixation of Ankle Fractures

Dorothy Harris, MD, The University of Texas Medical Branch, Galveston, TX

9:19 am – 9:23 am  Risk of Contamination in Orthopaedic Surgical Instruments

Ryan Mayer, BS, University of California, Irvine Medical Center, Orange, CA

9:23 am – 9:27 am  A Resident-Led Initiative Improves Treatment Rates Of Vitamin D Deficiency

Drew Lansdown, MD, University of California, San Francisco, San Francisco, CA

9:27 am – 9:35 am  Discussion

**Session 7B - Rapid Fire – Foot & Ankle**

**Moderator:** TBD
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>8:55 am – 9:03 am</td>
<td>Evaluation Of The Distal Tibiofibular Joint Using Dynamic Fixation</td>
<td>Ryan O'Shea, MD, The Taylor Collaboration, San Francisco, CA</td>
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<tr>
<td>9:03 am – 9:07 am</td>
<td>Ankle Fracture Dislocations: The Extruded Distal Tibia</td>
<td>Timothy B. Alton, MD Harborview Medical Center, Seattle, WA</td>
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<td>9:07 am – 9:15 am</td>
<td>Discussion</td>
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<tr>
<td>9:15 am – 9:19 am</td>
<td>Biomechanics of Acutrak Screw Fixation of Vertical Medial Malleolus Fractures</td>
<td>Adam M. Wegner, MD, PhD, UC Davis Sacramento California, Sacramento, CA</td>
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<tr>
<td>9:19 am – 9:23 am</td>
<td>Return To Sport Following Operative Treatment Of Osteochondral Talus Lesion</td>
<td>Andrew Jackson, MD, Madigan Army medical Center, Ft Lewis, WA</td>
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<td>9:23 am – 9:27 am</td>
<td>Incidence Of Deep Venous Thrombosis In Calcaneal Fractures</td>
<td>Joan R. Williams, MD, University of Washington, Harborview Medical Center, Seattle, WA</td>
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<td>9:27 am – 9:35 am</td>
<td>Discussion</td>
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**Session 7C - Rapid Fire – Spine**

**Moderator: TBD**

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<th>Time</th>
<th>Session Title</th>
<th>Speaker/Institution</th>
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<tr>
<td>8:55 am – 8:59 am</td>
<td>A Novel In Vivo Mouse Model Of Implant Related Spine Infection; Model To Assess Infection Susceptibility Of Different Spinal Implant Metals</td>
<td>Erik M. Dworsky, MD, University of California at Los Angeles, Los Angeles, CA</td>
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<tr>
<td>8:59 am – 9:03 am</td>
<td>The 2 Axis Theory of Lumbar Rotation</td>
<td>Douglas Kiester, University of California Irvine, Orange, CA</td>
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9:03 am – 9:07 am  The Pedicles Are Not The Densest Regions of the Lumbar Vertebrae
  *Eric Hohn, MD, St Mary's Spine Center, San Francisco, CA*

9:07 am – 9:15 am  Discussion

9:15 am – 9:19 am  Biomechanical Assessment of L5 Nerve Root Strain in a 3D Printed High-Grade Spondylolisthesis Model
  *Keun Heng Huo, MD, VA Long Beach Biomechanics Lab, Long Beach, CA*

9:19 am – 9:23 am  A Comparison Of Anterior And Lateral Approaches For Lumbar Interbody Fusion In The Treatment Of Degenerative Spondylolisthesis
  *Tianyi Wang, MD, Stanford School of Medicine, Redwood City, CA*

9:23 am – 9:27 am  Outcome Of Concentrated Bone Marrow Aspirate With Demineralized Bone Matrix And Allograft In Combined Posterolateral And Transforaminal Lumbar Interbody Fusion
  *Remi M. Ajiboye, MD, University of California at Los Angeles, Los Angeles, CA*

9:27 am – 9:35 am  Discussion

**Session 7D - Rapid Fire – Shoulder**

Moderator: TBD

8:55 am – 8:59 am  Benzoyl Peroxide Shoulder Skin Preparation and Deep Colonization with P-Acnes
  *Wesley Nottage, MD, The Sports Clinic, Laguna Hills, CA*

8:59 am – 9:03 am  Early Complications of Acromioclaviclar Joint Reconstruction Requiring Reoperation
  *Benjamin Bluth, MD, University of California Los Angeles, Los Angeles, CA*

9:03 am – 9:07 am  Natural History Of Isolated Greater Tuberosity Fractures – An MRI Cohort
  *Christopher Langhammer, MD, PhD, University of California, San Francisco, San Francisco, CA*

9:07 am – 9:15 am  Discussion
9:15 am – 9:19 am  Progenitor Cells Diminish Fatty Degeneration in Rotator Cuff Tear Model
Claire Eliasberg, BA, University of California at Los Angeles, Los Angeles, CA

9:19 am – 9:23 am  Distal Tibia Radius Of Curvature: Does It Match Shoulder Anatomy?
Michael Decker, MD, University of New Mexico Hospital, Albuquerque, NM

9:23 am – 9:27 am  Risk Of Nerve Injury During Total Shoulder Arthroplasty: Neuromonitoring Study
Robert L. Parisien, MD, New England Baptist Hospital/Boston University Medical Center, Boston, MA

9:27 am – 9:35 am  Discussion

9:35 am – 9:55 am  Break – Please visit Exhibits

General Session 8 – Presidential Address and OREF Update
Moderator: Richard Santore, MD, University of California, San Diego

9:55 am – 10:15 am  Needle, Ball, and Airspeed N4071R History of the WOA
Blair Filler, MD, Orthopaedic Institute for Children, Los Angeles, CA

10:15 am – 10:35 am  Presidential Address
Docendo Discimus (Teach In Order To Learn)
Paul C. Collins, MD, Boise, ID

10:35 am – 10:40 am  OREF Update
Natalie Leong, MD, University of California at Los Angeles, Los Angeles, CA

10:40 am – 10:55 am  Flying for Life
John-Curtiss Paul, Warhawk Air Museum, Nampa, ID

Symposium 3 – Hip Arthritis
“Hip to be Square” – Huey Lewis & the News (1986)
Moderator: William J. Maloney III, MD, Stanford School of Medicine, Redwood City, CA

10:55 am – 11:10 am  Joint Preservation Options for the Painful Young Adult Hip
Keith A. Mayo, MD, Harborview Medical Center, University of Washington School of Medicine, Seattle, WA
11:10 am – 11:25 am  Avascular Necrosis of the Hip  
*Jay Lieberman, MD, University of Southern California, Los Angeles, CA*

11:25 am – 11:40 am  Metal-On-Metal: Making Sense of Blood Cobalt and Chromium Ion Concentrations  
*Harlan Amstutz, MD, Joint Replacement Institute, Los Angeles, CA*

11:40 am – 11:55 am  Periprosthetic Fractures  
*Robert Trousdale, MD, Mayo Clinic, Rochester, MN*

11:55 am – 12:35 pm  **WOA Luncheon - Industry Presentation**  
*Not For CME*

**Symposium 4 – Complex Periarticular Fractures of the Lower Extremity**  
*“Shattered” – Rolling Stones (1982)*  
**Moderator:** Milton “Chip” Rott Jr., MD, *University of Texas Health Science Center, Houston, TX*

12:35 pm – 12:55 pm  Distal Femur Fractures  
*Timothy Achor, MD, University of Texas, Houston, TX*

12:55 pm – 1:15 pm  Tibial Plateau Fractures  
*Mark Lee, MD, University of California Davis, Sacramento, CA*

1:15 pm – 1:35 pm  Pilon Fractures  
*Sean Nork, MD, University of Washington, Harborview Medical Center, Seattle, WA*

1:35 pm – 1:40 pm  Discussion

1:40 pm – 4:00 pm  **Multimedia Education Session**

4:00 pm – 5:00 pm  **Scientific Poster Tours – Lower Extremity** (Poster Presenters Available)

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**Saturday, August 1**

5:50 am – 6:50 am  **Scientific Poster Session** (Poster Presenters Available)

6:50 am – 7:00 am  **Second Business Meeting**
General Session 9 – WOA/OREF Young Investigator Awards
Moderator: Geoff Abrahams, MD, Stanford School of Medicine, Redwood City, CA

7:00 am – 7:06 am  Treatment And Post-Surgery Functional Outcome Of Spaghetti Wrist
Hamed Yazdanshenas, MD, University of California at Los Angeles, Los Angeles, CA

7:06 am – 7:12 am  Use Of A Defined Surgical Approach In The Debridement Of Open Tibia Fractures
Geoffrey Marecek, MD, LA County - USC Medical Center, Los Angeles, CA

7:12 am – 7:18 am  Sacral Dysmorphism In Patients With Spinopelvic Dissociation
Anna N. Miller, MD, Wake Forest Baptist Health, Winston-Salem, NC

7:18 am – 7:24 am  The Hyperextension Varus Bicondylar Tibial Plateau Fracture
Reza Firoozabadi, MD, MA, Harborview Medical Center, Seattle, WA

7:24 am – 7:30 am  Comparison of “Ideal” Implant Placement and Clinical Implant Placement
Emilie V. Cheung, MD, Stanford School of Medicine, Redwood City, CA

7:30 am – 7:35 am  Discussion

General Session 10 – WOA Resident Awards
Moderator: TBD

7:35 am – 7:41 am  Biomechanical Stability Of Glenohumeral Bipolar Bone Lesions After Soft-Tissue Repair
Christopher Bui, MD VA Long Beach, Long Beach, CA

7:41 am – 7:47 am  Static Spacers For Periprosthetic Knee Infection: Inferior Flexion To Articulating Spacers?
Paul M. Lichstein, MD, Stanford School of Medicine, Redwood City, CA

7:47 am – 7:53 am  A Novel Antibiotic Coating In Preventing Periprosthetic Infection
Alexandra Stavrakis, MD, University of California at Los Angeles, Los Angeles, CA

7:53 am – 7:59 am Radiographic Predictors Of Posterior Wall Fracture Instability
Calvin Schlepp, MD, Harborview Medical Center, Seattle, WA

7:59 am – 8:05 am Prevalence Of Radiographic Abnormalities In Senior Athletes With Well-Functioning Hips
Lucas A. Anderson, MD, University of Utah, Salt Lake City, UT

8:05 am – 8:11 am Fresh Osteochondral Allograft versus Autograft: 12 Month Results In Isolated Canine Knee Defects
Ryan Fader, MD, University of Colorado School of Medicine, Denver, CO

8:11 am – 8:17 am What Is The Most Effective Technique To Stabilize Patients On The Operating Table During Total Hip Arthroplasty?
Pascual Dutton, MD, The Taylor Collaboration, San Francisco, CA

8:17 am – 8:25 am Discussion

Concurrent PA Session 4
Moderator: TBD

7:30 am – 7:55 am Arthroscopy: Early Wide Implementation In America
Robert Eilert, MD, Childrens Hospital, Colorado, CO

7:55 am – 8:20 am Hip Arthroscopy
Dean K. Matsuda, MD, DISC Sports and Spine Center, Marina Del Rey, CA

8:20 am – 8:25 am Discussion

General Session 11 – Nights And Weekends: What To Expect On Pediatric Orthopaedic Call At Trauma Centers / How to Stay Out of Trouble
Moderator: TBD

8:25 am – 8:55 am Case Presentations
John S. Vorhies, MD, Stanford Hospital and Clinics, Stanford, CA
Francois Lalonde, MD, UC Irvine, Orange, CA
8:55 am – 9:20 am  
Break – Please visit Exhibits

Symposium 5 – Practice Management Symposium
“Bad to the Bone” – George Thorogood (1982)
Moderator: David D. Teuscher, MD, Beaumont Bone and Joint Institute, Beaumont, TX

9:20 am – 9:40 am  The Biggest Liability Risks Facing Orthopedic Surgeons, and How to Avoid Them

9:40 am – 9:55 am  Social & Economic Value of Orthopaedic Surgery
John R. Tongue, MD, Tualatin, OR

9:55 am – 10:10 am  How to Build a Successful Practice
Jeffrey M. Smith, MD, San Diego, CA

10:10 am – 10:30 am  Women in Orthopaedics
a) How Far We Have Come?
Lisa Cannada, MD, St. Louis University School of Medicine, St Louis, MO

b) Pregnancy and Maternity Leave in Orthopaedic Surgery
Jessica Ryu, MD, Stanford, Palo Alto, CA

10:30 am – 10:40 am  Discussion

General Session 12 – BOC, AAOS and Presidential Guest Speaker
Moderator: Paul C. Collins, MD, Boise, ID

10:40am – 10: 50 am  BOC Report
Robert R. Slater Jr., MD, Folsom, CA

10:50 am – 11:00 am  AAOS Report
David D. Teuscher, MD, President, American Academy of Orthopaedic Surgeons, Beaumont Bone and Joint Institution, Beaumont, TX

11:00 am – 11:30 am  Presidential Guest Speaker
The View From 30,000 Feet
Douglas W. Jackson, MD, Long Beach, CA
11:30 am – 11:40 am  
**Break**

**Symposium 6 – Sports Medicine / Upper Extremity**  
**“Hurts So Good” – John Cougar Mellencamp (1982)**  
Moderator:  
Mark J. Lemos, MD, *Lahey Medical Center, Peabody, MD*

11:40 am – 12:00 pm  
**Top 10 Sports Papers at AAOS**  
Dean K. Matsuda, MD, *DISC Sports and Spine Center*  
*Marina Del Rey, CA*

12:00 pm – 12:10 pm  
**Late Treatment of Missed Wrist Injuries**  
Giles W. Becker, MA MB BChir FRCS (Tr and Orth),  
*University of Arizona, Tuscon, AZ*

12:10 pm – 12:25 pm  
**Biceps Ruptures**  
Douglas T. Hutchinson, MD, *University of Utah Health Care, Salt Lake City, UT*

12:25 pm – 12:40 pm  
**Knee Dislocations**  
Sara Edwards, MD, *Sports Orthopaedic and Rehabilitation Medicine, Redwood City, CA*

12:40 pm – 12:50 pm  
**Discussion**

12:50 pm – 12:55 pm  
**Go To Stations**

**Session 13A - Rapid Fire – Orthopaedic Imaging**  
Moderator:  
*TBD*

12:55 pm – 12:59 pm  
**The Sourcil Sector Angle: New Radiographic Sign Of Acetabular Dysplasia**  
Stephanie Pun, MD, *Stanford School of Medicine, Redwood City, CA*

12:59 pm – 1:03 pm  
**ACL Tear And Posterior Inferior Tibial Slope: Age, Gender, Race**  
Alana Waiwaiole, BS, *David Geffen School of Medicine at University of California at Los Angeles, Los Angeles, CA*

1:03 pm – 1:07 pm  
**Evaluating Pediatric Patellar Instability Using TT-PCL Distance**  
Blake Clifton, MD, *University of New Mexico, Albuquerque, NM*

1:07 pm – 1:10 pm  
**Discussion**
1:10 pm – 1:14 pm Utility Of Three-Dimensional Computed Tomography For The Surgical Management Of Rib Fractures
Benjamin R. Pulley, MD, Mount Carmel West Hospital/Grant Medical Center, Columbus, OH

1:14 pm – 1:18 pm Why MRI Misses And How Might We Improve MR Interpretation?
John C. McConnell, MD, McConnell Orthopedic Clinic, Greenville, TX

1:18 pm – 1:22 pm Acute Versus Delayed MRI Imaging And Associated Pathology In Traumatic Shoulder Dislocations
Xinning Li, MD Boston University School of Medicine, Boston, MA

1:22 pm – 1:25 pm Discussion

Session 13B - Rapid Fire – Hand, Wrist & Elbow
Moderator: TBD

12:55 pm – 12:59 pm Factors Affecting Appropriateness Of Transfers For Hand Injuries
Djuro Petkovic, MD, Loma Linda University, Loma Linda, CA

12:59 pm – 1:03 pm Clinical Outcomes Of Single-Incision Suture Anchor Repair Of Distal Biceps Tendon Rupture
John P. Dupaix, MD, University of Hawaii, Honolulu, HI

1:03 pm – 1:07 pm Partial Trapeziectomy With Capsular Interposition For Thunb CMC Arthritis
Moheb S. Moneim, MD, University of New Mexico HSC, Albuquerque, NM

1:07 pm – 1:10 pm Discussion

1:10 pm – 1:14 pm Clinical Diagnosis Of Coincident Carpal And Cubital Tunnel Syndromes
Justin Koh, MA, David Geffen School of Medicine at UCLA, Los Angeles, CA

1:14 pm – 1:18 pm Outcomes After Distal Radius Fracture Treatment With Percutaneous Wire Versus Plate Fixation: A Meta-Analysis Of Randomized Controlled Trials
Mark Anderson, MD, Loma Linda University Medical Center, Loma Linda, CA
1:18 pm – 1:22 pm  Computer Assisted Surgical Planning For Distal Radius Malunion: A Randomized Controlled Trial
  Natalie L. Leong, MD, University of California at Los Angeles, Los Angeles, CA/Massachusetts General Hospital, Boston MA/Kleinert Kutz Hand Center, Louisville, KY/Swedish Sahlgrenska University, Gothenburg, Sweden/Handgroep Groeninge, Kortrijk, Belgium

1:22pm – 1:25 pm  Discussion

Session 13C - Rapid Fire - Knee
Moderator: TBD

12:55 pm – 12:59 pm  Pre-Operative Patient Recorded Outcome Measures Predict Patient Discharge Location Following UKA
  Alfonso E. Ayala, BS, University of Arizona, Tucson, AZ

12:59 pm – 1:03 pm  Are Custom Cutting Guides Better For Total Knee Arthroplasty Patients?
  John Heydemann, MD, University of Texas Medical School at Houston, Houston, TX

1:03 pm – 1:07 pm  Dramatic Reduction In Blood Transfusions In THA And TKA Using Activecare + SFT and Tranexamic Acid
  Joshua Campbell, MD, Cedars-Sinai, Los Angeles, CA

1:07 pm – 1:10 pm  Discussion

1:10 pm – 1:14 pm  Modular Distal Femoral Endoprosthetic Replacement for Nontumour Limb Salvage
  Cynthia M. Kelly, MD, Colorado Limb Consultants, Denver, CO

1:14 pm – 1:18 pm  Quadriceps Tendon Ruptures: Comparing Outcomes Between Suture Anchor And Bone Tunnel Repairs
  Daniel M. Elkin, MD, Rutgers - New Jersey Medical School, Newark, NJ

1: 18 pm – 1:22 pm  Comparison Of Patella Fracture Fixation Methods Using Braided Cable Vs Monofilament Wire
  Adam N. Wooldridge, MD, MPH, Texas Tech University Health Sciences Center, Lubbock, TX

1:22pm – 1:25 pm  Discussion
Session 13D - Rapid Fire - Trauma
Moderator: Keith A. Mayo, MD, University of Washington Orthopaedics and Sports Medicine, Seattle, WA

12:55 pm – 12:59 pm  Debridement Of Open Tibia Fractures More Than 48 Hours After Injury: Does Time To Surgery Matter?  
Nathanael Heckmann, MD, LA County - USC Medical Center, Los Angeles, CA

12:59 pm – 1:03 pm  Blade Plate Revisited: Treatment Of High Energy Proximal Femur Fractures  
Timothy S. Achor, MD, University Texas Houston, Houston, TX

1:03 pm – 1:07 pm  Indications and Outcomes Of Short and Long Cephalomedullary Nails  
D. Andrew Hulet, BS, University of Utah, Salt Lake City, UT

1:07 pm – 1:10 pm  Discussion

1:10 pm – 1:14 pm  Major Complications Following Use Of the Reamer Irrigator Aspirator  
F. Andrew Rowan, MD, MS, University of Arizona Tucson, AZ

1:14 pm – 1:18 pm  Acetabular Fracture Fixation Utilizing Kocher-Langenbeck Approach Without Specialty Traction Table  
Patrick C. Schottel, MD, University of Texas Houston, Houston, TX

1: 18 pm – 1:22 pm  Fluoroscopically-Guided Percutaneous Screw Fixation For Pelvis and Acetabular Trauma: Is It Safe?  
James Learned, MD Harborview Medical Center, Seattle, WA

1:22pm – 1:25 pm  Discussion

1:25 pm – 1:30 pm  Go To General Session Room

Symposium 7 – Spine Symposium
Moderator: Garth Johnson, MD, University of Ottawa, Ontario, Canada

1:30 pm – 1:45 pm  The Good, The Bad & The Ugly of the Sacrum
**Milton “Chip” Routt Jr., MD, University of Texas Health Science Center, Houston, TX**

1:45 pm – 2:00 pm  
Spine Surgery for Dummies: What Do All Those Acronyms Really Mean?  
*Michael R. Briseno, MD, Dallas, TX*

2:00 pm – 2:15 pm  
*Robert A. Hart, MD, Oregon Health & Science University, Portland, OR*

2:15 pm – 2:20 pm  
Discussion

2:20 pm – 2:50 pm  
Scientific Poster Session (Poster Presenters Available)

2:50 pm – 3:50 pm  
Multimedia Education Session

*Institute by abstract presenters’ name is where the research took place*