SOA Scientific Program
The Westin Hilton Head Island Resort & Spa
Hilton Head Island, SC
June 28-July 1, 2017
(Presenters and times are subject to change.)

Thursday, June 29

6:00 am – 6:45 am  Scientific E-Poster Session (Presenters will be available to answer questions.)

6:45 am – 7:00 am  First Business Meeting

7:00 am – 7:05 am  Welcome and Announcements
Samuel I. Brown, MD, President
Robert D. Zura, MD, Program Chair

GENERAL SESSION 1: Resident Awards
Moderators:  Robert D. Zura, MD, Louisiana State University Health Sciences Center
            Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center

7:05 am – 7:11 am  SOA Presidents’ Resident Award
Pulsatile Lavage Of Musculoskeletal Wounds Causes Myonecrosis And Dystrophic Calcification
Alexander M. Chiaramonti, MD, Medical University of South Carolina

7:11 am – 7:17 am  Harley & Betty Baxter Resident Award
Adductor Canal vs. Femoral Nerve Block In ACL: RCT
Ajay Premkumar, MD, Emory University

7:17 am – 7:23 am  Harley & Betty Baxter Resident Award
Is There A Threshold Value Of Hemoglobin A1c That Predicts Risk Of Infection Following THA?
Jourdan M. Cancienne, MD, University of Virginia

7:23 am – 7:29 am  SOA/OREF Resident Award
Motorcycles And Helmets: Dangers Of Repealing Universal Helmet Laws
Robert Runner, MD, Emory University

7:29 am – 7:35 am  SOA/OREF Resident Award
Hindfoot Arthritis Progression And Arthrodesis Risk After Total Ankle Replacement At A Minimum Of Five Years Follow-Up
Travis Dekker, MD, Duke University

7:35 am – 7:40 am  Discussion

7:40 am – 7:46 am  SOA/OREF Resident Award
Nonunion And Reoperation Rate After Internal Fixation Of Adult Proximal Femur Fractures: A Systematic Review And Meta-Analysis
*Riikka E. K. Nomides, MD, Duke University*

7:46 am – 7:52 am
Harley & Betty Baxter Resident Travel Grant Award
Fewer Complications Following Revision Hip And Knee Arthroplasty In Patients With Normal Vitamin D Levels
*Sophia Traven, MD, Medical University of South Carolina*

7:52 am – 7:58 am
SOA Resident Travel Grant Award
Maximizing Efficiency When Rescheduling Cancelled Surgeries
*Michael Hadeed, MD, University of Virginia*

7:58 am – 8:04 am
SOA Resident Travel Grant Award
Utilization Of Vertebroplasty And Kyphoplasty Throughout The United States
*Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center*

8:04 am – 8:10 am
SOA Resident Travel Grant Award
In-Vivo Chondrotoxicity Of Intra-Articular Infiltration Of Liposomal Bupivacaine In A Porcine Model
*K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center*

8:10 am – 8:15 am
Discussion

**RAPID FIRE SESSION 2A: Sports/Other**

**Moderators:**  
James H. Armstrong, MD, *Southern Orthopaedic Surgeons, LLC*  
Col Robert T. Sullivan, MD, *Eglin Airforce Base*

8:20 am – 8:24 am
Implant Removal And Spacer Placement For The Infected Shoulder Arthroplasty
*Brian C. Werner, MD, University of Virginia*

8:24 am – 8:28 am
SSV Correlates Well With ASES In RCR And SA Patients
*Julia Retzky, BA, Johns Hopkins University School of Medicine*

8:28 am – 8:32 am
Biomechanical Characteristics Of The Wiese Knot Using High-Strength Suture Materials
*CPT Sally Corey, DO, Dwight D. Eisenhower Army Medical Center*

8:32 am – 8:37 am
Discussion

8:37 am – 8:41 am
Infection Risk Following Shoulder Arthroscopy: Analysis Of 422,245 Patients
*Brian C. Werner, MD, University of Virginia*

8:41 am – 8:45 am
Correlating Intra-Operative Hamstring Autograft Size With Anthropometric And MRI Measurements
*CPT Sally Corey, DO, Dwight D. Eisenhower Army Medical Center*
8:45 am – 8:49 am  Injury Rates And Characteristics In Professional Ultimate Frisbee  
*Matthew Hess, BS, University of Alabama School of Medicine*

8:49 am – 8:53 am  Outcomes Allograft ACL Reconstruction —Comparison Sterilization Methods And Source Tissue  
*Timothy McCarthy, MD, Emory University*

8:53 am – 9:00 am  Discussion

**RAPID FIRE SESSION 2B: Total Joints**  
**Moderators:** H. Clayton Thomason III, MD, Carolina Orthopaedic & Sports Medicine  
James A. Browne, MD, University of Virginia

8:20 am – 8:24 am  Patient Preferences Regarding Anticoagulation Prophylaxis For Venous Thromboembolism After Total Hip And Knee Replacement  
*Leland Stoddard, BS, Medical University of South Carolina*

8:24 am – 8:28 am  Risk Factors For Postoperative Urinary Retention After Total Hip Arthroplasty  
*Charles Lawrie, MD, University of Miami Hospital/Jackson Memorial Hospital*  
*Presented by Samuel Rosas, MD*

8:28 am – 8:32 am  Comparing Outcomes And Metal Ion Levels Between Low And Medium Radial Clearance Hip Resurfacing Systems  
*Lindsay Kleeman, MD, Duke University*

8:32 am – 8:37 am  Discussion

8:37 am – 8:41 am  Cannabis Increases The Risk For Revision After Total Knee Arthroplasty  
*Martin Roche, MD, Holy Cross Orthopedic Institute*  
*Presented by Jennifer Kurowicki, MD*

8:41 am – 8:45 am  Nutrition Status Predicts Length Of Stay In Two-Stage Management Of Prosthetic Joint Infection  
*Brian T. Grisez, MD, West Virginia University*

8:45 am – 8:49 am  Decreased Time To Return To Work Using Robotic-Assisted Unicompartmental Knee Arthroplasty Compared To Conventional Techniques  
*Alexander H. Jinnah, MD, Wake Forest School of Medicine*

8:49 am – 8:53 am  Is There A Difference Between Cemented And Uncemented Femoral Stems In Revision Knee Arthroplasty?  
*Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University*

8:53 am – 9:00 am  Discussion

**RAPID FIRE SESSION 2C: Hand/Upper Extremity**  
**Moderators:** James R. Urbaniak, MD, Duke University Medical Center
L. Andrew Koman, MD, *Wake Forest University*

8:20 am – 8:24 am  
Primary Biceps Tenodesis vs. Repair For Type II SLAP Tears In Patients Under 30 Years Old  
*Patrick W. Joyner, MD, Naval Medical Center Portsmouth*

8:24 am – 8:28 am  
90 Day Readmission Rates Following Primary Shoulder Arthroplasty  
*Manisha R. Chand, MD, Cleveland Clinic Florida*

8:28 am – 8:32 am  
Fatty Atrophy, Positive Tangent Sign, And RC Tears On TSA  
*W. Stephen Choate, MD, Steadman Hawkins Clinic of the Carolinas*

8:32 am – 8:37 am  
Discussion

8:37 am – 8:41 am  
Ultrasound-Guided Aspiration Does Not Reduce Recurrence Of Wrist Ganglion Cysts  
*Greg Kurkis, MD, Emory University*

8:41 am – 8:45 am  
Trends In Management Of Radial Head And Olecranon Fractures  
*Derek Berglund, MD, Holy Cross Orthopedic Institute*

8:45 am – 8:49 am  
Operative Techniques And Clinical Outcomes For The Surgical Treatment Of Medial Epicondylitis: A Systematic Review  
*Stephen Thon, MD, Tulane University*

8:49 am – 8:53 am  
Ultrasoundography vs. EMG/NCS In Diagnosis Of Nerve Entrapment At Elbow  
*Poonam Dalwadi, BS, Emory University*

8:53 am – 9:00 am  
Discussion

**RAPID FIRE SESSION 2D: Outcomes/Basic Science**

Moderators:  
Chet Deshpande, MD, *Memorial University Medical Center*

8:20 am – 8:24 am  
The Hidden Cost Of Training Orthopaedic Surgery Residents To Perform An Open Carpal Tunnel Release  
*Dane Daley, MD, Medical University of South Carolina*

8:24 am – 8:28 am  
Outcomes Of Distal Humerus Fractures: What Are We Measuring?  
*Ali Zarezadeh, MD, University of Florida*

8:28 am – 8:32 am  
Post Market Surveillance Using Patient Reported Outcome Measures  
*Steven T. DiSegna, MD, University of Massachusetts Memorial Medical Center*

8:32 am – 8:39 am  
Discussion

8:39 am – 8:43 am  
The Tritomic Approach: A Triceps-Sparing Posterior Approach To The Elbow  
*Sam Bhimani, BS, Mercer University School of Medicine*
8:43 am – 8:47 am  Stenosing Tenosynovitis: An Exploration of Glucocorticoid Induced Heterotopic Ossification  
_Austinn Miller, BS, Mercer University School of Medicine_

8:47 am – 8:51 am  Proteasome Inhibitors Induce Differentiation, Cell Cycle Arrest And Apoptosis In Osteosarcoma  
_Ali Zarezadeh, MD, University of Florida_

8:51 am – 9:00 am  Discussion

9:00 am – 9:20 am  Break – Please visit Exhibits

**GENERAL SESSION 3: OREF Report & Presidential Guest Speaker**  
Moderator:  Samuel I. Brown, MD, _Sports Medicine and Orthopaedics Center_

9:20 am – 9:25 am  OREF Report  
_Speaker TBA_

9:25 am – 9:30 am  Introduction of Presidential Guest Speaker  
_Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center_

9:30 am – 10:00 am  Leadership Through Chaos  
_Kevin D. Plancher, MD, Albert Einstein College of Medicine_

**RAPID FIRE SESSION 4A: Sports/Upper Extremity**  
Moderators:  Kevin W. Farmer, MD, _University of Florida Orthopaedics and Sports Medicine Institute_  
Claude T. Moorman III, MD, _Duke University Medical Center_

10:05 am – 10:09 am  Economic Impact of Community Sports Coverage by Outreach Athletic Trainers  
_Jeannie Buckner, BS, Medical University of South Carolina_  
*Presented by Harris Slone, MD_

10:09 am – 10:13 am  Risk Factors For Prolonged Narcotic Use Following Rotator Cuff Repair  
_Brian C. Werner, MD, University of Virginia_

10:13 am – 10:17 am  Five-Year Outcome Following Arthroscopic Repair Of Isolated Partial-Thickness Rotator Cuff Tears  
_Alexander R. Vap, MD, Virginia Commonwealth University_

10:17 am – 10:20 am  Discussion

10:20 am – 10:24 am  Biomechanical Strength Of Rotator Cuff Repairs: A Meta-Regression Analysis  
_Brendan Shi, BS, Johns Hopkins School of Medicine_

10:24 am – 10:28 am  Influence of Level 1 Evidence On Management Of Clavicle And Distal Humerus Fractures: A Nationwide Comparative Study Of Records From 2005 To 2014  
_Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute_
10:28 am –10:32 am A Comprehensive Re-Analysis Of The Distal Iliotibial Band
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute
*Presented by Alexander R. Vap, MD

10:32 am –10:35 am Discussion

RAPID FIRE SESSION 4B: Trauma
Moderators: Paul B. Gladden, MD, Tulane University School of Medicine
Kristoff Reid, MD, Duke University

10:05 am –10:09 am Allograft Augmentation Of Extensor Mechanism For Chronic Patellar Tendon Ruptures: A Case Series
Patrick W. Joyner, MD, Naval Medical Center Portsmouth
*Presented by Hicks C. Manson, MD

10:09 am –10:13 am Considerations To Reduce Saphenous Neurovascular Bundle Injury During Syndesmosis Fixation
Guadalupe de la Fuente, MD, Baylor Scott & White

10:13 am –10:17 am Disparities In Follow-Up Care For Ballistic Long Bone Lower Extremity Fractures
Robert Runner, MD, Emory University

10:17 am –10:20 am Discussion

10:20 am –10:24 am Risk Factors For Early Failure After CRPP Of Femoral Neck Fractures
Cody L. Evans, MD, University of Virginia

10:24 am –10:28 am Factors Associated With Successful Glenohumeral Joint Relocation With Closed Manipulation After Proximal Humerus Fracture-Dislocations
Ian Al’khafaji, MD, Wake Forest Baptist Medical Center

10:28 am –10:32 am Diaphyseal And Distal Femur Fracture Complications: Systematic Review And Meta-Analysis
Riikka E. K. Nomides, MD, Duke University

10:32 am –10:35 am Discussion

RAPID FIRE SESSION 4C: Total Knee
Moderators: Riyaz H. Jinnah, MD, Wake Forest School of Medicine

10:05 am –10:09 am Is Outpatient Total Knee Arthroplasty Safe And Effective?
Lacey Giambelluca Lavie, BS, Louisiana State University Health Sciences Center
*Presented by Jack McKay, MD

10:09 am –10:13 am Optimizing Pain Management Following Total Knee Arthroplasty
Juan Suarez, MD, Cleveland Clinic Florida

10:13 am –10:17 am The Role Of Hemoglobin A1c In Predicting Periprosthetic Joint Infection Following TKA
10:17 am –10:20 am  Discussion

10:20 am –10:24 am  Trends in Opioid Use Before and After Total Knee Arthroplasty
Beau J. Kildow, MD, Duke University

10:24 am –10:28 am  Risk Factors For Repeat Debridement, Spacer Retention, Amputation, Arthrodesis, And Mortality After Removal Of An Infected TKA With Spacer Placement
Jourdan M. Cancienne, MD, University of Virginia

10:28 am –10:32 am  Albumin, Prealbumin, And Transferrin May Be Predictive Of Wound Complications Following Total Knee Arthroplasty
Martin Roche, MD, Holy Cross Orthopedic Institute
*Presented by Samuel Rosas, MD

10:32 am –10:35 am  Discussion

RAPID FIRE SESSION 4D:  Other
Moderator:  George W. Brindley, MD, Texas Tech University
Michael S. Shuler, MD, Athens Orthopaedic Clinic

10:05 am –10:09 am  Trends and Risks In Orthopedic Lawsuits: National Legal Database Review
Kyle Cichos, BS, University of Alabama at Birmingham

10:09 am –10:13 am  Orthopaedic Specialty University Hospitals: Do They Provide Better Outcomes?
Jimmy Daruwalla, MD, Emory University
*Presented by Poonam Dalwadi, BS

10:13 am –10:17 am  Readability Of Orthopaedic Patient-Reported Outcome Measures: Is There A Fundamental Failure To Communicate?
Zachary A. Mosher, BS, University of Alabama at Birmingham
*Presented by Sierra G. Phillips, MD

10:17 am –10:20 am  Discussion

10:20 am –10:24 am  Check-In Kiosks: The Future Of Healthcare Administration
Zachary A. Mosher, BS, University of Alabama at Birmingham
*Presented by Sung R. Lee, BS

10:24 am –10:28 am  The Effect Of Residency Training On Arthroscopic Knot Tying And Knot Stability
Kevin Cronin, MD, University of Kentucky

10:28 am –10:32 am  Prosthetic Joint Infection Trends At A Dedicated Orthopaedics Specialty Hospital
Robert Runner, MD, Emory University

10:32 am –10:35 am  Discussion
10:35 am – 10:55 am  Break – Please visit Exhibits

SYMPOSIUM 1: Sports Medicine Current Concepts Debates
Moderator: Claude T. Moorman III, MD, Duke University Medical Center

Grade III MCL Injury With ACL Tear

10:55 am – 11:07 am  Treat The MCL Non-Operatively  
Matthew J. Matava, MD, Washington University School of Medicine

11:07 am – 11:19 am  Repair The MCL  
Darren L. Johnson, MD, University of Kentucky Sports Medicine

11:19 am – 11:25 am  Discussion

Arthroscopic Rotator Cuff Repair

11:25 am – 11:37 am  Double Row Repair Is The Gold Standard  
Claude T. Moorman III, MD, Duke University Medical Center

11:37 am – 11:49 am  Every Cuff Tear Is Different And Only Select Tears. Require A Double Row  
Kevin W. Farmer, MD, University of Florida Orthopaedics and Sports Medicine Institute

11:49 am – 11:55 am  Discussion

11:55 am – 12:55 pm  SOA Luncheon - Industry Presentation  
*CME Credit Not Available

SYMPOSIUM 2: Joints
Moderators: Vinod Dasa, MD, Louisiana State University Health Sciences Center

12:55 pm – 1:07 pm  Deployment and Outcomes of an Outpatient Protocol in an Inpatient Setting  
Morteza Meftah, MD, Bronx-Lebanon Hospital Center

1:07 pm – 1:19 pm  Economics Of Outpatient Total Joints  
John Bottros, MD, OrthoIllinois

1:19 pm – 1:31 pm  Safety And Effectiveness Of rapid Recovery Protocols  
Vinod Dasa, MD, Louisiana State University Health Sciences Center

1:31 pm – 1:43 pm  Alternative Payment And Care Models For Total Joints  
Goran Dragolovic, SVP Physician Practice Growth and Transformation for Optum

1:43 pm – 1:55 pm  Discussion

1:55 pm – 2:55 pm  Industry Presentation  
Legally Mine
2:00 pm – 3:00 pm **Scientific E-Poster Session** (Presenters will be available to answer questions.)

3:00 pm – 4:30 pm **Multimedia Education Session**

**Friday, June 30**

6:00 am – 7:00 am **Scientific E-Poster Session** (Presenters will be available to answer questions.)

7:00 am - 7:05 am **Announcements**

*Samuel I. Brown, MD, President*

*Robert D. Zura, MD, Program Chair*

**SYMPOSIUM 3: Pediatric Fractures: We'll Break it Down, A Case Based Symposium**

**Moderator:** Robert Fitch, MD, *Duke University Medical Center*

7:05 am – 8:05 am **Case Presentations**

*Robert Fitch, MD, Duke University Medical Center*

*William K. Accousti, MD, Louisiana State University Health Sciences Center*

*Robert K. Lark, MD, Duke University Medical Center*

*Robert Murphy, MD, Medical University of South Carolina*

**RAPID FIRE SESSION 5A: Total Hip**

**Moderators:** C. Lowry Barnes, MD, *University of Arkansas for Medical Sciences*

Ryan M. Nunley, MD, *Washington University School of Medicine*

8:10 am – 8:14 am **First Time Dislocation Following THA: What Is The Risk Of Subsequent Dislocation And Revision?**

*Jourdan M. Cancienne, MD, University of Virginia*

8:14 am – 8:18 am **Residual Symptoms Following Unicompartmental And Total Knee Arthroplasty: Comparable To Controls?**

*Ryan Nunley, MD, Washington University School of Medicine*

8:18 am – 8:22 am **Surgical Approach And BMI Can Influence Effectiveness Of TXA Administration In Total Hip Arthroplasty**

*Brian T. Grisez, MD, West Virginia University*

8:22 am – 8:27 am **Discussion**

8:27 am – 8:31 am **Dual-Mobility Implants Successfully Reduced Dislocation Rates In A Series Of High-Risk Total Hip Arthroplasty Patients**

*Presented by Kevin Cronin, MD*
8:31 am – 8:35 am Role Of Inflammatory Markers In The Pre-Operative Evaluation Of Patients Undergoing Total Hip Arthroplasty Salvage Procedure
Jessica Hughes, MD, Baylor Scott and White
*Presented by Bryce Allen, MD

8:35 am – 8:39 am The Accuracy Of Acetabular Cup Positioning With And Without Fluoroscopy In Anterior Hip Arthroplasty
Preetesh Patel, MD, Cleveland Clinic Florida
*Presented by Juan Suarez, MD

8:39 am – 8:43 am Internet Based Physical Therapy Following Total Hip Arthroplasty
Juan Suarez, MD, Cleveland Clinic Florida

8:43 am – 8:50 am Discussion

RAPID FIRE SESSION 5B: Total Knee
Moderators: Vinod Dasa, MD, Louisiana State University Health Sciences Center
Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University

8:10 am – 8:14 am Optimal Length Of Stay Following Joint Arthroplasty To Reduce Readmission
Patricia A. Kirkland, BS, Medical University of South Carolina

8:14 am – 8:18 am Analysis Of Spanish vs English Speaking Patients Undergoing Total Knee Arthroplasty
Adam Wright, MD, Baylor Scott and White

8:18 am – 8:22 am Outcomes Of Quadriceps Tendon Autograft In Anterior Cruciate Ligament Revision
Stephanie Boden, BS, Emory University

8:22 am – 8:27 am Discussion

8:27 am – 8:31 am The Linea Aspera As A Marker For Intraoperative Femoral Rotation
Cody Covington, MD, Baylor Scott & White

8:31 am – 8:35 am Cluster Analysis Identifies Functional Trajectories Following Total Knee Arthroplasty
Steven T. DiSegna, MD, University of Massachusetts Memorial Medical Center

8:35 am – 8:39 am Short And Long-Term Post-Operative Complications Following Total Joint Arthroplasty In Patients With HIV, Hepatitis B, Or Hepatitis C
Beau J. Kildow, MD, Duke University Medical Center

8:39 am – 8:43 am Risk Of Periprosthetic Joint Infection In Patients With Multiple Arthroplasties
W. Parker Abblitt, MD, Vanderbilt University Medical Center

8:43 am – 8:50 am Discussion
RAPID FIRE SESSION 5C: Upper Extremity
Moderators:  L. Andrew Koman, MD, Wake Forest University
Uma Srikumaran, MD, Johns Hopkins Medicine

8:10 am – 8:14 am  Scapular Notching In Reverse Total Shoulder Arthroplasty
Richard Friedman, MD, FRCSC, Medical University of South Carolina
*Presented by David A. Barcel, MD

8:14 am – 8:18 am  Refuting The Lipstick Sign
Josef Eichinger, MD, Medical University of South Carolina
*Presented by Eric Gordon, MD

8:18 am – 8:22 am  A Map For SLAPs: How Are Outcomes Measured For Superior Labral Tears Of The Shoulder?
Brendan A. Williams, MD, University of Florida

8:22 am – 8:26 am  Single-Use Sets For Distal Radius Plating Currently Not Cost Effective
Bryce Fugarino, MD, Louisiana State University Health Sciences Center

8:26 am – 8:30 am  Discussion

8:30 am – 8:34 am  Head-To-Head Comparison of Costs of Total Shoulder Arthroplasty By Payor
Samuel Rosas, MD, Holy Cross Orthopedic Institute

8:34 am – 8:38 am  Reducing Cost By Using A Smaller Tray In Hand Surgery
Phil T. Kirn, MD, PharmD, Medical University of South Carolina

8:38 am – 8:42 am  Patient Perceptions Of Fluoroscopy In The Outpatient Hand Clinic Setting
Patrick K. O’Callaghan, MD, Medical University of South Carolina

8:42 am – 8:46 am  Distal Clavicular Osteochondral Autograft Augmentation For Glenoid Bone Loss
Adam Kwapisz, MD, Steadman Hawkins Clinic of the Carolinas/Greenville Health System

8:46 am – 8:50 am  Discussion

RAPID FIRE SESSION 5D: Foot & Ankle
Moderators:  J. Benjamin Jackson, MD, University of South Carolina School of Medicine
Fred Flandry, MD, FACS, The Hughston Clinic

8:10 am – 8:14 am  Fixation Of Calcaneal Fractures Through A Mini-Incision Technique
Michael Johnson, MD, University of Alabama at Birmingham
*Presented by Parke Hudson, BS

8:14 am – 8:18 am  Normal Sonographic Parameters Of Posterior Tibial, Peroneal, And Achilles Tendons
Christopher Hong Chu, BS, Palmetto Health- University of South Carolina Orthopedic Center
8:18 am – 8:22 am  Revisiting The Prevalence Of Associated Co-Pathologies In Chronic Lateral Ankle Instability  
*Ibukunoluwa Araoye, MS, University of Alabama at Birmingham*

8:22 am – 8:27 am  Discussion

8:27 am – 8:31 am  Lateral Ankle Instability Surgical Treatment: A Comparison Between Primary Repair And Revision Surgery  
*Cesar de Cesar Netto, MD, University of Alabama at Birmingham*  
*Presented by Bahman Sahranavard, MD*

8:31 am – 8:35 am  Lateral Ankle Instability: Sensitivity Of MRI In Detecting Peroneal Pathology  
*Parke Hudson, BS, University of Alabama at Birmingham*

8:35 am – 8:39 am  The Use Of Patient-Specific 3D Printed Titanium Implants For Complex Foot And Ankle Limb Salvage Procedures  
*Travis Dekker, MD, Duke University*

8:39 am – 8:43 am  Biomechanical Evaluation Of Fixation Of Low Transverse Distal Fibula Fractures  
*Briggs Ahearn, MD, Emory University*

8:43 am – 8:50 am  Discussion

8:50 am – 9:10 am  Break – Please visit Exhibits

**GENERAL SESSION 6: AAOS Report & Distinguished Southern Orthopaedist**

Moderator:  Samuel I. Brown, MD, *Sports Medicine and Orthopaedics Center*

9:10 am – 9:25 am  **AAOS Report**  
*William J. Maloney III, MD, AAOS President, Stanford School of Medicine*

9:25 am – 9:30 am  **Introduction of Distinguished Southern Orthopaedist**
*Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center*

9:30 am – 10:05 am  **Distinguished Southern Orthopaedist**  
Love, Leadership and the ACL  
*COL (Ret) John A. Feagin Jr., MD, Jackson, WY*

10:05 am – 10:25 am  Break – Please visit Exhibits

**SYMPOSIUM 4: Survival in the New Medical Paradigm**

Moderator: Fred Flandry, MD, FACS, *The Hughston Clinic*

10:25 am – 10:34 am  Surviving MIPS  
*Karen Clark, MBA, OrthoTennessee*

10:34 am – 10:43 am  Surviving Bundles  
*C. Lowry Barnes, MD, University of Arkansas for Medical Sciences*
10:43 am – 10:52 am  
**Employment Models**  
*Speaker TBA*

10:52 am – 11:01 am  
**Concierge Medicine Models**  
*Speaker TBA*

11:01 am – 11:10 am  
**Independent Practice Models**  
*Todd Schmidt, MD, Ortho Atlanta*

11:10 am – 11:19 am  
**Co-Management Agreements**  
*Mark Baker, CEO, The Hughston Clinic*

11:19 am – 11:25 am  
**Discussion**

11:25 am – 12:25 pm  
**SOA Luncheon -- Industry Presentation**  
*CME Credit Not Available*

**SYMPOSIUM 5: Hot Topics and Controversies in Total Knee Arthroplasty**

**Moderator:**  
Paul F. Lachiewicz, MD, *Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University*

12:25 pm – 12:35 pm  
**Cementless Total Knees: Should We All Be Doing These Now?**  
*Ryan M. Nunley, MD, Washington University School of Medicine*

12:35 pm – 12:45 pm  
**Peri-Articular Injections or Nerve Blocks: Which is Preferred?**  
*C. Lowry Barnes, MD, University of Arkansas for Medical Sciences*

12:45 pm – 12:55 pm  
**Valgus Knees: Are They More Difficult?**  
*Paul F. Lachiewicz, MD, Chapel Hill Orthopedics Surgery & Sports Medicine/Duke University*

12:55 pm – 1:05 pm  
**Computers and Robots: Should You Use and Will They Make a Better Knee?**  
*Samuel S. Wellman, MD, Duke University Medical Center*

1:05 pm – 1:15 pm  
**The Stiff Total Knee: What To Do?**  
*William J. Maloney III, MD, Stanford School of Medicine*

1:15 pm – 1:25 pm  
**Discussion**

1:25 pm – 2:25 pm  
**Scientific E-Poster Session** (Presenters will be available to answer questions.)

2:25 pm – 4:25 pm  
**Multimedia Education Session**

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**Saturday, July 1**

6:00 am – 7:00 am  
**Scientific E-Poster Session** (Presenters will be available to answer questions.)
RAPID FIRE SESSION 7A: Sports Medicine
Moderators: Jeffrey A. Guy, MD, University of South Carolina School of Medicine
Patrick W. Joyner, MD, Naval Medical Center Portsmouth

7:00 am – 7:04 am  The Association Of Hemoglobin A1C With Postoperative Infection Following TSA
Brian C. Werner, MD, University of Virginia

7:04 am – 7:08 am  Exertional Rhabdomyolysis In Collegiate Football Players
Thomas X. Nguyen, MD, Howard University Hospital

7:08 am – 7:12 am  Shoulder Injection Prior To Rotator Cuff Repair Is Associated With Increased Risk Of Subsequent Surgery
Sophia Traven, MD, Medical University of South Carolina

7:12 am – 7:17 am  Discussion

7:17 am – 7:21 am  Hypertrophic Chondrocytes Prevent Fusion In A Rat Model
Comron Saifi, MD, The Spine Hospital at Columbia University Medical Center
*Presented by Rami Alrabaa, MD

7:21 am – 7:25 am  Arthroscopic Anterior Labral Repairs In Females
John T. Heffernan, MD, Tulane University Department of Orthopaedic Surgery

7:25 am – 7:29 am  Arthroscopic Repair Of Isolated Partial- And Full-Thickness Upper Third Subscapularis Tendon Tears: Minimum 2-Year Outcomes After Single-Anchor Repair And Biceps Tenodesis
Alexander R. Vap, MD, Virginia Commonwealth University

7:29 am – 7:33 am  Osteochondral Autograft Plug Transfer For The Management Of Isolated Femoral Condyle Cartilage Defects In Patients Over Forty
Aaron J. Casp, MD, University of Virginia

7:33 am – 7:40 am  Discussion

RAPID FIRE SESSION 7B: Shoulder
Moderators: Michael O’Brien, MD, Tulane University School of Medicine
Claude T. Moorman III, MD, Duke University Medical Center

7:00 am – 7:04 am  Optimizing Pain Management Following Open Shoulder Surgery
Sumit Kanwar, MD, Cleveland Clinic Florida

7:04 am – 7:08 am  Shoulder Arthroplasty Outcomes After Anterior Stabilization Procedures: Do Reverses Have Better Results
William Z. Stone, MD, University of Florida
*Presented by Maharsh K. Patel, MD

7:08 am – 7:12 am  Metallosis In A Reverse Total Shoulder Arthroplasty
Tyler Clark, MD, Tulane Medical Center

7:12 am – 7:17 am          Discussion

7:17 am – 7:21 am          Results And Complications Of Anatomic Anterior Clavicle Titanium Osteosynthesis
Gregory Gomez, MD, University of Texas Health Science Center San Antonio

7:21 am – 7:25 am          Does The Second Shoulder Outperform The First In Bilateral Arthroplasty?
Derek Berglund, MD, Holy Cross Orthopedic Institute

7:25 am – 7:29 am          Impact Of Clavicle Fractures On NFL Athletes' Return And Performance
Darshan Vora, BS, The George Washington University School of Medicine and Health Sciences

7:29 am – 7:33 am          Accuracy Of Glenoid Version And Inclination: A Comparison Of Surgical Planning Software Platforms
Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute

7:33 am – 7:40 am          Discussion

RAPID FIRE SESSION 7C:  Trauma/Foot/Tumor
Moderators:  Langdon A. Hartsock, MD, Medical University of South Carolina
            Andrew A. Shinar, MD, Vanderbilt University Medical Center

7:00 am – 7:04 am          Thromboelastography (TEG) Is Predictive Of Mortality, Blood Transfusion, And Blood Loss In Patients With Traumatic Pelvis Fracture
Phillip A. Bostian, MD, West Virginia University

7:04 am – 7:08 am          Curved Retrograde TTC Fusion Nails: Neurovascular Structures At Risk And Entry Point Safe-Zone
Cesar de Cesar Netto, MD, University of Alabama at Birmingham
*Presented by Brent Cone, BS

7:08 am – 7:12 am          Efficacy Of Particulated Juvenile Cartilage Allograft Transplantation For Osteochondral Lesions
Travis Dekker, MD, Duke University

7:12 am – 7:20 am          Discussion

7:20 am – 7:24 am          Adult Acquired Flatfoot - Surgical Incidence And Economic Burden
Tyler Goodwin, BS, BA, Palmetto Health-University of South Carolina Orthopedics

7:24 am – 7:28 am          Calcaneal Osteotomy For The Treatment Of Hindfoot Valgus Deformity
Sung Lee, BS, University of Alabama at Birmingham

7:28 am – 7:32 am          Impact Of Arthroscopy Timing On Outcomes Of Lateral Ankle Ligament Repair Surgery
Brent Cone, BS, University of Alabama at Birmingham
7:32 am – 7:40 am          Discussion

RAPID FIRE SESSION 7D:  Spine/Total Knee
Moderators:  Gregory Grabowski, MD, *University of South Carolina*
Christopher A. Heck, MD, *Southern Orthopaedic Surgeons*

7:00 am – 7:04 am          Is A Per-Implant Halo A Reliable Indicator Of Psudearthrosis In Scoliosis
*Elaine T. Fleming, BS, Louisiana State University Health Sciences Center New Orleans*
*Presented by John T. Heffernan, MD*

7:04 am – 7:08 am          The Fall Of Recombinant Bone Morphogenetic Protein
*Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center*
*Presented by Alexander Ha, MD*

7:08 am – 7:12 am          Tobramycin Powder Eliminates Spinal Wound Contamination
*Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center*
*Presented by Rami Alrabaa, MD*

7:12 am – 7:17 am          Discussion

7:17 am – 7:21 am          Are Red Flags For Lower Back Pain Really “Red”?
*William Godfrey, MD, Emory University*
*Presented by Poonam Dalwadi, BS*

7:21 am – 7:25 am          Sagittal Vertical Axis Increases With Increasing Cervical Lordosis: Radiographic Analysis Of Cervical And Spinal Alignment In Multilevel ACDF
*Yoshihiro Katsuura, MD, University of Tennessee at Chattanooga*

7:25 am – 7:29 am          Intra-Articular Saphenous Nerve Block For Total Knee Arthroplasty: MRI And Cadaveric Study
*Joseph J. Kavolus, MD, MSCR, Duke University*
*Presented by Paul F. Lachiewicz, MD*

7:29 am – 7:33 am          Eliminating Tobramycin From Antibiotic Spacers Greatly Reduces The Risk Of Acute Kidney Injury In Infected Total Joint Replacements
*Zachary Harris, BA, Vanderbilt University*

7:33 am – 7:40 am          Discussion

SYMPOSIUM 6:  Orthopaedic Surgeon Leadership
Moderator:  COL (Ret) Dean C. Taylor, MD, *Duke University Medical Center*

7:50 am - 8:00 am          Leadership Development Education In Medical School, Residency, Fellowship
*COL (Ret) Dean C. Taylor, MD, Duke University Medical Center*
8:00 am - 8:30 am  Panel Discussion - Medical Leadership in the 21st Century
  Christopher Jones, MD, The Southeast Permanente Medical Group
  Norah Foster, MD, Duke University Medical Center
  Jonathan Godin, MD, The Steadman Clinic

8:30 am - 8:40 am  Words Of Wisdom
  COL (Ret) John A. Feagin Jr., MD, Jackson, WY

8:40 am - 8:50 am  Discussion

8:50 am – 9:20 am  SOA Brunch Presentation
  *CME Credit Not Available

SYMPOSIUM 7: Pilon Fractures: Getting Through the Night
Moderator: Peter C. Krause, MD, Louisiana State University Health Sciences Center

9:20 am – 9:30 am  Temporizing Fixation: Do’s and Don’ts
  Peter C. Krause, MD, Louisiana State University Health Sciences Center

9:30 am – 9:40 am  Open Fracture Debridement: How Clean Is Clean Enough?
  Chet Deshpande, MD, Memorial University Medical Center

9:40 am – 9:50 am  Antibiotic Therapy (IV and Local)
  Kristoff Reid, MD, Medical University of South Carolina

9:50 am – 10:00 am  Compartment Syndrome: Diagnosis And Management
  Paul Gladden, MD, Tulane University School of Medicine

10:00 am – 10:10 am  Soft Tissue Coverage/Management: When To Call The Plastic Surgeon?
  Lawrence X. Webb MD, Mercer University School of Medicine/Navicent Medical Center

10:10 am - 10:20 am  Discussion

10:20 am – 10:45 am  Break – Please visit Exhibits

GENERAL SESSION 8: BOC Report & Presidential Address
Moderator: Robert D. Zura, MD, Louisiana State University Health Sciences Center

10:45 am - 10:50 am  BOC Report
  Frederick C. Flandry, MD, FACS, The Hughston Clinic

10:50 am - 10:55 am  Introduction of Presidential Address
  Robert D. Zura, MD, Louisiana State University Health Sciences Center

10:55 am - 11:25 am  Presidential Address
  The Times They Are a-Changing: Be Prepared
  Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center
## RAPID FIRE SESSION 9A: Trauma/Infection

**Moderators:** Mani Kahn, MD, *Duke University*
Peter Krause, MD, *Louisiana State University Health Sciences Center*

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<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>11:30 am – 11:34 am</td>
<td>Sliding Hip Screw Yields A Lower 30-Day Complication Rate Than Cephalomedullary Nail Fixation Of Intertrochanteric Hip Fractures</td>
<td>Rajeev Pandarinath, MD, <em>The George Washington University</em></td>
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<tr>
<td>11:34 am – 11:38 am</td>
<td>Intraoperative External Fixator Attachment Use For Lower Extremity Fracture Reduction</td>
<td>Justin C. Kennon, MD, <em>Medical College of Georgia at Augusta University</em></td>
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<tr>
<td>11:38 am – 11:42 am</td>
<td>Dual Plate Stabilization of Supracondylar Femur Fractures</td>
<td>Andrew Swentik, MD, <em>Palmetto Health Richland - PH- University of South Carolina Orthopedic Center</em></td>
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<tr>
<td>11:42 am – 11:49 am</td>
<td>Discussion</td>
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<tr>
<td>11:49 am – 11:53 am</td>
<td>Incidence Of Nonunion And Malunion In Lower Extremity Fractures: Experience In South Carolina Over The Past 16 Years</td>
<td>Dane Daley, MD, <em>Medical University of South Carolina</em></td>
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<tr>
<td>11:53 am – 11:57 am</td>
<td>Complications And 30-Day Outcomes In Open And Closed Tibia Fractures</td>
<td>Evan J. Smith, MD, <em>George Washington University</em></td>
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<tr>
<td>11:57 am – 12:01 pm</td>
<td>Mortality In Severely Injured Patients At High Acuity Centers</td>
<td>Andrew Schwartz, MD, <em>Emory University</em></td>
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<tr>
<td>12:01 pm – 12:10 pm</td>
<td>Discussion</td>
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## RAPID FIRE SESSION 9B: Sports Medicine

**Moderators:** Matthew J. Matava, MD, *Washington University School of Medicine*
Brian C. Werner, MD, *University of Virginia*

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<tr>
<td>11:30 am – 11:34 am</td>
<td>Arthroscopic Superior Capsule Reconstruction vs. Latissimus Dorsi Transfer: A Comparison of Early Clinical Outcomes</td>
<td>Jonathan A. Godin, MD, MBA, <em>Steadman Philippon Research Institute</em></td>
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<tr>
<td>11:34 am – 11:38 am</td>
<td>Strength Deficit Following Femoral vs. Adductor Canal Nerve Block For ACL Reconstruction</td>
<td>Robert Runner, MD, <em>Emory University</em></td>
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<tr>
<td>11:38 am – 11:42 am</td>
<td>Correlating Blumensaat’s Line To Native ACL Length For Graft Length Determination In ACL Reconstruction</td>
<td>Patrick W. Joyner, MD, <em>Naval Medical Center Portsmouth</em></td>
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<td>11:42 am – 11:47 am</td>
<td>Discussion</td>
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<td>11:47 am – 11:51 am</td>
<td>Platelet-Rich-Plasma Is An Equal Alternative To Operative Intervention In The Treatment Of Type I Medial Epicondylitis</td>
<td>Stephen Thon, MD</td>
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<tr>
<td>11:55 am – 11:59 am</td>
<td>Multi-Ligament Knee Injuries In Adolescents: A 2-Year Minimum Follow-Up Study</td>
<td>Jonathan A. Godin, MD</td>
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<td>11:59 am – 12:03 pm</td>
<td>Avoid Graft Tunnel Mismatch In Allograft Anterior Cruciate Ligament Reconstruction: The Blumensaat’s Line Method</td>
<td>Patrick W. Joyner, MD</td>
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<td>12:03 pm – 12:10 pm</td>
<td>Discussion</td>
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**RAPID FIRE SESSION 9C: Pediatric/Total Joint/Foot & Ankle**

**Moderators:** Michael P. Horan, MD, *Palmetto Health*
J. Benjamin Jackson, MD, *University of South Carolina School of Medicine*

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<tr>
<td>11:30 am – 11:34 am</td>
<td>Flexible Nailing of the Pediatric Femur: Anatomic Considerations</td>
<td>Thomas Lucak, MD</td>
<td>Louisiana State University Health Sciences Center</td>
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<tr>
<td>11:34 am – 11:38 am</td>
<td>Effect Of Femoral Stem Offset On Metal-On-Metal Implant Outcomes</td>
<td>Lindsay Kleeman, MD</td>
<td>Duke University</td>
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<tr>
<td>11:38 am – 11:42 am</td>
<td>The Impact Of Myasthenia Gravis And Multiple Sclerosis On Total Hip Arthroplasty</td>
<td>Perez Agaba, BS</td>
<td>Duke University</td>
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<td>11:42 am – 11:47 am</td>
<td>Discussion</td>
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<td>11:47 am – 11:51 am</td>
<td>Outcomes After Elmslie-Trillat Osteotomy Using A Minimally Invasive Technique</td>
<td>Ian Gao, MD</td>
<td>Emory University</td>
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<tr>
<td>11:51 am – 11:55 am</td>
<td>Longitudinal Incision: A New Approach For Lateral Ankle Ligament Repair</td>
<td>Caleb Jones, BS</td>
<td>University of Alabama at Birmingham</td>
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<td>*Presented by Ibukunoluwa Araoye, MS</td>
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<td>11:55 am – 11:59 am</td>
<td>Outcomes Of First Metatarsophalangeal Joint Fusion In Patients With Greater Than Fifteen Percent Intermetatarsal Angle: Is Lag Screw Essential?</td>
<td>Zachariah Pinter, BS</td>
<td>University of Alabama at Birmingham</td>
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<tr>
<td>11:59 am – 12:03 pm</td>
<td>Calcaneal Osteotomy Safe-Zone To Prevent Neurological Damage: Fact Or Fiction?</td>
<td>Ashish Shah, MD</td>
<td>University of Alabama at Birmingham</td>
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RAPID FIRE SESSION 9D: Spine/Basic Science
Moderators: Christopher A. Heck, MD, Southern Orthopaedic Surgeons
Lee R. Leddy, MD, Medical University of South Carolina

11:30 am – 11:34 am Non-Operative Management Of Non-Displaced, Unilateral, Single Level, Sub-Axial Cervical Facet Fracture: A Retrospective Review Of A Single Institution
Keven Burns, MD, University of Oklahoma Health Science Center

11:34 am – 11:38 am Building Better Bone: Biologic & Engineering Strategies For Bone Loss
Andrew Schwartz, MD, Emory University

11:38 am – 11:42 am How Common Are Outpatient Spinal Laminectomies?
Joseph L. Laratta, MD, The Spine Hospital at Columbia University Medical Center
*Presented by Alexander Ha, MD

11:42 am – 11:47 am Discussion

11:47 am – 11:51 am Effect Of Femoral Head Size On The Force To Dislocation
Matthew Dietz, MD, West Virginia University School of Medicine

11:51 am – 11:55 am A Multicentered Prospective Randomized Controlled Trial of Negative Pressure Wound Therapy for Preoperatively Irradiated Soft Tissue Sarcoma Wounds - Early Results
Sophia Traven, MD, Medical University of South Carolina

11:55 am – 11:59 am Risk Factors Of Lumbar Spinal Epidural Lipomatosis
Anuj Patel, MD, Emory University

11:59 am – 12:03 pm The Epidemiology Of Cervical Spine Injuries In 25 NCAA Sports From 2004-2005 To 2013-2014 Academic Years
Allen ‘Jack’ Barnes Jr., BS, University of South Carolina School of Medicine

12:03 pm – 12:10 pm Discussion

12:10 pm – 12:30 pm Second Business Meeting

12:35 pm – 1:35 pm Multimedia Education Session