Thursday, June 29

6:00 am – 6:45 am  Scientific E-Poster Session (Presenters will be available to answer questions.) (Elliot, Drayton, Heyward & Camelia Rooms)

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
   William S. Godfrey, 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 J. 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 A. 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 M. Hadeed III, 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 (Elliot Room)
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 A. 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 A. 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 P. McCarthy, MD, Emory University

8:53 am – 9:00 am Discussion

RAPID FIRE SESSION 2B: Total Joints (Drayton Room)
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 M. 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 T. 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 W. 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 (Heyward Room)
Moderators: James R. Urbaniak, MD, Duke University Medical Center
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
  Gregory Kurkis, MD, Emory University

8:41 am – 8:45 am  Trends In Management Of Radial Head And Olecranon Fractures
  Derek D. 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  Ultrasonography 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 (Camelia Room)
Moderators:  Lee R. Leddy, MD, Medical University of South Carolina
              Chetan S. 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
Samrath 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 (Archer, Barnwell Rooms & Savannah Foyer)

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

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 (Elliot Room)
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  
*Presented by Alexander R. Vap, MD

10:32 am –10:35 am  Discussion

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

10:05 am –10:09 am  Allograft Augmentation Of Extensor Mechanism For Chronic Patellar  
Tendon Ruptures: A Case Series  
*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  
*Presented by Jack E. McKay, MD

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 (Heyward Room)  
Moderators:  Riyaz H. Jinnah, MD, FRCS, Wake Forest School of Medicine

10:05 am –10:09 am  Is Outpatient Total Knee Arthroplasty Safe And Effective?  
*Presented by Jack E. McKay, MD

10:09 am –10:13 am  Optimizing Pain Management Following Total Knee Arthroplasty  
Juan C. Suarez, MD, Cleveland Clinic Florida
10:13 am –10:17 am  
The Role Of Hemoglobin A1c In Predicting Periprosthetic Joint Infection Following TKA  
*Jourdan M. Cancienne, MD, University of Virginia*

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 W. Roche, MD, Holy Cross Orthopedic Institute*  
*Presented by Samuel Rosas, MD*

10:32 am –10:35 am  
Discussion

### RAPID FIRE SESSION 4D: Other (Camelia Room)
**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 Kyle Cichos, BS*

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 (Archer, Barnwell Rooms & Savannah Foyer)

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
*CME Credit Not Available

2:00 pm – 3:00 pm  **Scientific E-Poster Session** (Presenters will be available to answer questions.) *(Elliot, Drayton, Heyward & Camelia Rooms)*

3:00 pm – 4:30 pm  **Multimedia Education Session** *(Savannah Foyer)*

**Friday, June 30**

6:00 am – 7:00 am  **Scientific E-Poster Session** (Presenters will be available to answer questions.) *(Elliot, Drayton, Heyward & Camelia Rooms)*

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** *(Elliot Room)*
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
*David Hamilton, MD, University of Kentucky*
*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 C. 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 C. Suarez, MD

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

8:43 am – 8:50 am  Discussion

RAPID FIRE SESSION 5B:  Total Knee (Drayton Room)
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 (Heyward Room)
Moderators:  L. Andrew Koman, MD, Wake Forest University
            Umasuthan Srikumaran, MD, MBA, 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 A. 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 (Camelia Room)
Moderators:  J. Benjamin Jackson, MD, University of South Carolina School of Medicine
            Frederick C. 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 W. 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  
*Presented by Bahman Sahranavard, MD

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

8:31 am – 8:35 am Lateral Ankle Instability: Sensitivity Of MRI In Detecting Peroneal Pathology  
Parke W. 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 J. 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 (Archer, Barnwell Rooms & Savannah Foyer)

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 (Archer, Barnwell Rooms & Savannah Foyer)

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

10:52 am – 11:01 am  Concierge Medicine Models

11:01 am – 11:10 am  Independent Practice Models  
* Todd A. 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**

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.) (Elliot, Drayton, Heyward & Camelia Rooms)

2:25 pm – 4:25 pm  **Multimedia Education Session** (Savannah Foyer)

**Saturday, July 1**

6:00 am – 7:00 am  **Scientific E-Poster Session** (Presenters will be available to answer questions.) (Elliot, Drayton, Heyward & Camelia Rooms)
RAPID FIRE SESSION 7A: Sports Medicine (Elliot Room)
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 A. 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 (Drayton Room)
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
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 D. 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 (Heyward Room)
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 J. 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 M. 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 R. 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
RAPID FIRE SESSION 7D: Spine/Total Knee (Camelia Room)
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 Michael J. 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 S. 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 M. 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 A. 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?
Chetan S. Deshpande, MD, Memorial University Medical Center

9:40 am – 9:50 am  Antibiotic Therapy (IV and Local)
Kristoff R. 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 (Archer, Barnwell Rooms & Savannah Foyer)

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 (Elliot Room)
Moderators: Mani D. Kahn, MD, Albert Einstein College of Medicine
            Peter Krause, MD, Louisiana State University Health Sciences Center

11:30 am – 11:34 am Sliding Hip Screw Yields A Lower 30-Day Complication Rate Than Cephalomedullary Nail Fixation Of Intertrochanteric Hip Fractures
Rajeev Pandarinath, MD, The George Washington University

11:34 am – 11:38 am Intraoperative External Fixator Attachment Use For Lower Extremity Fracture Reduction
Justin C. Kennon, MD, Medical College of Georgia at Augusta University

11:38 am – 11:42 am Dual Plate Stabilization of Supracondylar Femur Fractures
Andrew Swentik, MD, Palmetto Health Richland - PH- University of South Carolina Orthopedic Center

11:42 am – 11:49 am Discussion

11:49 am – 11:53 am Incidence Of Nonunion And Malunion In Lower Extremity Fractures: Experience In South Carolina Over The Past 16 Years
Dane Daley, MD, Medical University of South Carolina

11:53 am – 11:57 am Complications And 30-Day Outcomes In Open And Closed Tibia Fractures
Evan J. Smith, MD, George Washington University
*Presented by Michael Webber MD

11:57 am – 12:01 pm Mortality In Severely Injured Patients At High Acuity Centers
Andrew M. Schwartz, MD, Emory University

12:01 pm – 12:10 pm Discussion

RAPID FIRE SESSION 9B: Sports Medicine (Drayton Room)
Moderators: Matthew J. Matava, MD, Washington University School of Medicine
            Brian C. Werner, MD, University of Virginia

11:30 am – 11:34 am Arthroscopic Superior Capsule Reconstruction vs. Latissimus Dorsi Transfer: A Comparison of Early Clinical Outcomes
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute

11:34 am – 11:38 am Strength Deficit Following Femoral vs. Adductor Canal Nerve Block For ACL Reconstruction
Robert Runner, MD, Emory University

11:38 am – 11:42 am Correlating Blumensaat’s Line To Native ACL Length For Graft Length Determination In ACL Reconstruction
Patrick W. Joyner, MD, Naval Medical Center Portsmouth

11:42 am – 11:47 am Discussion
11:47 am – 11:51 am  
Platelet-Rich-Plasma Is An Equal Alternative To Operative Intervention In The Treatment Of Type I Medial Epicondylitis  
Stephen Thon, MD, Tulane University

11:51 am – 11:55 am  
Open Subpectoral Biceps Tenodesis For Isolated Biceps Reflection Pulley Lesions: Minimum 2-Year Outcomes In A Young Patient Population  
Alexander R. Vap, MD, Virginia Commonwealth University

11:55 am – 11:59 am  
Multi-Ligament Knee Injuries In Adolescents: A 2-Year Minimum Follow-Up Study  
Jonathan A. Godin, MD, MBA, Steadman Philippon Research Institute

11:59 am – 12:03 pm  
Avoid Graft Tunnel Mismatch In Allograft Anterior Cruciate Ligament Reconstruction: The Blumensaat’s Line Method  
Patrick W. Joyner, MD, Naval Medical Center Portsmouth

12:03 pm – 12:10 pm  
Discussion

RAPID FIRE SESSION 9C: Pediatric/Total Joint/Foot & Ankle (Heyward Room)  
Moderators: Michael P. Horan, MD, MS, Palmetto Health  
J. Benjamin Jackson, MD, University of South Carolina School of Medicine

11:30 am – 11:34 am  
Flexible Nailing of the Pediatric Femur: Anatomic Considerations  
Thomas J. Lucak, MD, Louisiana State University Health Sciences Center

11:34 am – 11:38 am  
Effect Of Femoral Stem Offset On Metal-On-Metal Implant Outcomes  
Lindsay T. Kleeman, MD, Duke University

11:38 am – 11:42 am  
The Impact Of Myasthenia Gravis And Multiple Sclerosis On Total Hip Arthroplasty  
Perez Agaba, BS, Duke University

11:42 am – 11:47 am  
Discussion

11:47 am – 11:51 am  
Outcomes After Elmslie-Trillat Osteotomy Using A Minimally Invasive Technique  
Ian Gao, MD, Emory University

11:51 am – 11:55 am  
Longitudinal Incision: A New Approach For Lateral Ankle Ligament Repair  
Caleb Jones, BS, University of Alabama at Birmingham  
*Presented by Yvonne Chodaba, BS

11:55 am – 11:59 am  
Outcomes Of First Metatarsophalangeal Joint Fusion In Patients With Greater Than Fifteen Percent Intermetatarsal Angle: Is Lag Screw Essential?  
Zachariah W. Pinter, BS, University of Alabama at Birmingham

11:59 am – 12:03 pm  
Calcaneal Osteotomy Safe-Zone To Prevent Neurological Damage: Fact Or Fiction?  
Ashish Shah, MD, University of Alabama at Birmingham
RAPID FIRE SESSION 9D: Spine/Basic Science *(Camelia Room)*
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
*Presented by Alexander Ha, MD*

11:34 am – 11:38 am  Building Better Bone: Biologic & Engineering Strategies For Bone Loss
*Presented by Alexander Ha, MD*

11:38 am – 11:42 am  How Common Are Outpatient Spinal Laminectomies?
*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
*Presented by Alexander Ha, MD*

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
*Presented by Alexander Ha, MD*

11:55 am – 12:03 pm  The Epidemiology Of Cervical Spine Injuries In 25 NCAA Sports From 2004-2005 To 2013-2014 Academic Years
*Presented by Alexander Ha, MD*

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 *(Savannah Foyer)*