Texas Orthopaedic Association, Texas Orthopaedic Foundation and Texas Society of Sports Medicine Annual Conference
2015-2016 Officers

President .. Howard R. Epps, MD, Houston, TX
First Vice President .. Kyle F. Dickson, MD, Houston, TX
Second Vice President .. David R. Haynes, MD, Waco, TX
Immediate Past President .. Marc M. DeHart, MD, San Antonio, TX
Secretary-Treasurer .. Christopher M. Danney, MD, Austin, TX
Historian/ Membership Chair .. Maureen A. Finnegan, MD, Dallas, TX

Program Committee

Howard R. Epps, MD – TOA President
Joe P. Bramhall, MD – TSSM President
Adam J. Bruggeman, MD
Jaclyn F. Hill, MD
Scott D. McKay, MD

About TOA

Mission and Vision:
The Texas Orthopaedic Association (TOA) was founded in 1936 as the united voice of over 1,400 Texas orthopaedic surgeons. Its mission is to ensure outstanding musculoskeletal health for Texans.

Purpose
TOA’s CME program promotes continuous improvement in musculoskeletal care by providing orthopaedic surgeons and other health care providers with high quality, evidence-based educational activities that focus on advances in orthopaedics, new technology, biomedical research, and changes in the health care environment. TOA’s CME activities focus on the core competencies of:

- Patient care
- Medical knowledge
- Interpersonal and communications skills
- Practice-based learning and improvement
- Professionalism
- Systems-based practice

The program’s ultimate goal is to enhance physician competence and performance.

Table of Contents

President’s Message .......................... 3
Program & Events Schedule .................... 4-5
Floor Plans of Meeting Rooms .................. 6
Special Events/Meeting Highlights ............ 7
CME Credit, Disclaimer, Disclosure, Meeting Objectives . . 9
Financial Disclosures ......................... 10-11
President’s Message

Dear Colleagues:

Welcome to the Texas Orthopaedic Association’s 2016 Annual Meeting at the Hyatt Regency Lost Pines Resort. A lot has changed in the Texas orthopaedic arena since TOA’s April 2015 Annual Conference in Austin. For example, CMS mandated bundled payments in six Texas markets last July. In addition, many orthopaedic surgeons are now exploring specialty registries related to meaningful use stage 2 standards. We’ll take a look at these and many other clinical and business issues over the next few days.

If you are exploring the use of a specialty registry to measure patient outcomes in your office, I encourage you to visit the AO Patient Outcomes Center (AOPOC) in the exhibit hall. There you will find demonstrations of the AO patient outcome measurement tool, which TOA is offering to its members for a low monthly cost. Ultimately, TOA members will be able to benchmark themselves against the aggregate Texas data. In addition, we hope to analyze the data at future TOA conferences in order to enhance patient outcomes.

When members of TOA leadership travel to orthopaedic events across the nation, orthopaedic surgeons from other states often remark that TOA is one of the strongest state specialty societies nationally and the envy of many other states. TOA is the only specialty society that is dedicated completely to public policy issues for orthopaedic surgeons in the Texas legislative and regulatory arenas. I am pleased to report that TOA continues to excel in its advocacy efforts on behalf of Texas orthopaedic surgeons.

To ensure that Texas orthopaedic surgeons have a strong specialty society in the future, TOA has placed a great emphasis on building relationships with orthopaedic residents. Over the past few months, TOA has provided grand rounds at residency programs around the state about the impact that public policy issues have on orthopaedic practices. Over 40 orthopaedic residents from across the state will join us at this conference over the next three days. On top of TOA’s resident efforts, TOA has also witnessed a sharp increase in the number of new members joining TOA over the past 12 months.

I believe that TOA has a bright future. The next few days are a great way to learn more about what TOA is doing for Texas orthopaedic surgeons and to learn more about clinical and socioeconomic changes in our specialty. TOA hopes that you enjoy all of the great activities that this resort has to offer. All attendees and their families are invited to attend TOA’s dinner by the Colorado River at the LBJ Pavilion on Friday night from 7:00 p.m. to 8:30 p.m.

Sincerely,

Howard R. Epps, MD,
Texas Orthopaedic Association President, 2015-2016
### THURSDAY, APRIL 7, 2016 – *Lost Pines I-III*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m. –</td>
<td>2016 Hot Topics in Orthopaedic Coding &amp; Reimbursement</td>
<td>Margaret M. Maley, BSN, MS</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Margi Maley of Karen Zupko & Associates will lead this all-day course for both orthopaedic surgeons and their staff. The registration fee, which is separate from the general conference, includes lunch and a coding workbook.

### FRIDAY, APRIL 8, 2016 – *Lost Pines I-III*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:15 a.m. -</td>
<td>Registration, Breakfast and Exhibit Visitation</td>
<td></td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:55 a.m.</td>
<td>Welcome &amp; Announcements</td>
<td>Howard R. Epps, MD, TOA President</td>
</tr>
<tr>
<td>8:00 a.m. -</td>
<td>AAOS Presidential Report (counts towards .5 hr of Ethics)</td>
<td>Gerald R. Williams, Jr, MD</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Upper Extremity Symposium: Case Studies</td>
<td>David C. Ring, MD, PhD; Gerald R. Williams, Jr, MD &amp; David, J. Mansfield, MD</td>
</tr>
<tr>
<td>9:15 a.m. -</td>
<td>Staying out of Trouble - Musculoskeletal Tumors</td>
<td>Valerae O. Lewis, MD</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Break &amp; Exhibitor Visits</td>
<td></td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Meta Analyses and Treatment Algorithyms for Pediatric ACL Tears and Tibial Spine Fractures</td>
<td>Theodore J. Ganley, MD</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Sports Medicine Symposium</td>
<td>Joe P. Bramhall, MD - TSSM President &amp; B. Christian Balldin, MD</td>
</tr>
<tr>
<td>11:45 a.m.</td>
<td>Break for Lunch &amp; Exhibitor Visits</td>
<td></td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lunch Presentation: Orthopaedic Surgeons in the Crosshairs: How Data and Registries Allow Payers and Patients to Evaluate You</td>
<td>Jeff Dunkel - FDA Panelist &amp; VP of Strategic Planning, Titan Spine</td>
</tr>
<tr>
<td>12:45 p.m.</td>
<td>Break &amp; Exhibitor Visits</td>
<td></td>
</tr>
<tr>
<td>1:15 p.m.</td>
<td>Benchmarking Data in Orthopaedics</td>
<td>Jennifer Kinman (Texas Orthopedics) &amp; Joseph Mathews (Advanced Orthopaedics &amp; Sports Medicine)</td>
</tr>
<tr>
<td>1:45 p.m.</td>
<td>Physician Assistants in Orthopaedic Practices (counts towards .5 hr of Ethics)</td>
<td>Michael Berkowitz (KSF Orthopaedic) &amp; Chris Kean (The San Antonio Orthopaedic Group)</td>
</tr>
<tr>
<td>2:15 p.m.</td>
<td>Ancillary Services</td>
<td>Michael Berkowitz (KSF Orthopaedic Center, PA); Barry Howell (Arlington Orthopaedic Assoc); Jennifer Kinman (Texas Orthopedics) &amp; Joseph Mathews (Advanced Orthopaedics &amp; Sports Medicine)</td>
</tr>
<tr>
<td>2:45 p.m.</td>
<td>Break &amp; Exhibitor Visits</td>
<td></td>
</tr>
<tr>
<td>3:15 p.m.</td>
<td>Managing Hospital Relationships</td>
<td>Sani Mirza (The San Antonio Orthopedic Group); Andrew P. Palafox, MD &amp; Omer A. Ilahi, MD</td>
</tr>
<tr>
<td>3:45 p.m.</td>
<td>New Payment Model Panel: BPCI &amp; CJR</td>
<td>Ken J. Kaminski, MD; Sheila Peterson (Azalea Orthopedics); Barry Howell (Arlington Orthopaedic Assoc) &amp; Jennifer Kinman (Texas Orthopedics)</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Scientific Presentations</td>
<td>Five Minute Abstract Podium Presentations (See page 6 for list of speakers)</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Orthopaedic Resident Happy Hour</td>
<td>All Residents Are Invited</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>TOA Dinner</td>
<td>All Attendees Are Invited</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SATURDAY, April 9, 2016 – Lost Pines I-III

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:15 a.m. -</td>
<td>Past Presidents Breakfast</td>
<td>All Past TOA Presidents Invited</td>
</tr>
<tr>
<td>7:45 a.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30 a.m. -</td>
<td>Registration, Breakfast, &amp; Exhibitor Visitation</td>
<td></td>
</tr>
<tr>
<td>7:55 a.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:55 a.m.</td>
<td>Welcome &amp; Announcements</td>
<td>Howard R. Epps, MD, TOA President</td>
</tr>
<tr>
<td>8:00 a.m. -</td>
<td>Scientific Presentations</td>
<td>Five Minute Abstract Podium Presentations (See page 6 for list of speakers)</td>
</tr>
<tr>
<td>8:30 a.m. -</td>
<td>Introducing the Texas Orthopaedic Journal</td>
<td>Ronald W. Lindsey, MD &amp; Zbigniew Gugala, MD, PhD - Editors-in-Chief</td>
</tr>
<tr>
<td>8:45 a.m. -</td>
<td>Wrist Injuries: Staying out of Trouble &amp; Getting out of Trouble</td>
<td>Thomas R. Hunt, III, MD</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Complications and Solutions of Intramedullary Nailing of Long Bone</td>
<td>James F. Kellam, MD</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>Break &amp; Exhibitor Visits</td>
<td></td>
</tr>
<tr>
<td>10:15 a.m. -</td>
<td>How to Stay out of Trouble with Orthopaedic Trauma</td>
<td>Mark R. Brinker, MD</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00 a.m. -</td>
<td>Trauma Symposium: Case Studies</td>
<td>Kyle F. Dickson, MD - Moderator; Mark R. Brinker, MD &amp; James F. Kellam, MD</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Staying out of Trouble: Revisiting Ankle Fractures</td>
<td>John S. Early, MD &amp; Jason S. Ahuero, MD</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:15 p.m.</td>
<td>TOA/TOF/TSSM Business Lunch</td>
<td></td>
</tr>
<tr>
<td>11:15 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:45 p.m. -</td>
<td>Scientific Presentations</td>
<td>Five Minute Abstract Podium Presentations (See page 6 for list of speakers)</td>
</tr>
<tr>
<td>12:45 p.m. -</td>
<td>1:00 p.m.</td>
<td></td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>14th Annual Resident Quiz Bowl</td>
<td>Kyle F. Dickson, MD &amp; Joel W. Jenne, MD - Emcees</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:45 p.m.</td>
<td>Meeting Adjourned</td>
<td></td>
</tr>
</tbody>
</table>

### Program Faculty

#### “Staying out of Trouble” Session Faculty

- **Jason S. Ahuero, MD**
  Houston
- **B. Christian Balldin, MD**
  San Antonio
- **Joe P. Bramhall, MD**
  Bryan
- **Mark R. Brinker, MD**
  Houston
- **Kyle F. Dickson, MD**
  Houston
- **Jeff Dunkel**
  VP of Strategic Planning, Titan Spine
- **John S. Early, MD**
  Dallas
- **Theodore J. Ganley, MD**
  Philadelphia
- **Zbigniew Gugala, MD, PhD**
  Galveston
- **Thomas R. Hunt, III, MD**
  Houston
- **Joel W. Jenne, MD**
  San Antonio
- **James F. Kellam, MD**
  Houston
- **Valerae O. Lewis, MD**
  Houston
- **Ronald W. Lindsey, MD**
  Galveston
- **David, J. Mansfield, MD**
  El Paso
- **David C. Ring, MD, PhD**
  Austin
- **Gerald R. Williams, Jr, MD**
  Philadelphia

#### “Business of Orthopaedics” Session Faculty

- **Michael Berkowitz**
  KSF Orthopaedic
- **Barry Howell**
  Arlington Orthopaedic Assoc.
- **Omer A. Ilahi, MD**
  Houston
- **Ken J. Kaminski, MD**
  Azalea Orthopedics
- **Chris Kean**
  The San Antonio Orthopaedic Group
- **Jennifer Kinman**
  Texas Orthopedics

#### “Business of Orthopaedics” Session Faculty

- **Joseph Mathews**
  Advanced Orthopaedics & Sports Medicine
- **Sani Mirza**
  The San Antonio Orthopedic Group
- **Andrew P. Palafox, MD**
  El Paso
- **Sheila Peterson**
  Azalea Orthopedics
### Scientific Presentations: Five Minute Abstract Podium Presentations

#### Friday April 8 - 4:30 - 5:00 p.m.

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. Sawyer Croley, MD</td>
<td>Biomechanical Comparison of Bicortical, Unicortical, and Unicortical Far-Cortex-Abutting Screw Fixations in Plated Comminuted Midshaft Clavicle Fractures</td>
</tr>
<tr>
<td>Barkha N. Gurbani, MD</td>
<td>Radiographic Assessment of Fibular Length Variance: The Case for “Fibula Minus”</td>
</tr>
<tr>
<td>J. Jacob Murphree, MD</td>
<td>Charcot Neuroarthropathy and Workers Compensation Denials in HealthCare</td>
</tr>
<tr>
<td>Latish Bilbrew, MD</td>
<td>Risk for Delayed Diagnosis of Orthopedic Injury in the Polytrauma Patient An Observational Epidemiological Study</td>
</tr>
<tr>
<td>Gregory Sprowls, BS, MS-III</td>
<td>Distribution of Subcutaneous Fat Around the Hip in Relation to Surgical Approach for Total Hip Arthroplasty</td>
</tr>
<tr>
<td>Robert Lindeman, MD</td>
<td>Angular Correction with Chevron-Akin Double Osteotomy in Mild, Moderate, and Severe Hallux Valgus</td>
</tr>
</tbody>
</table>

#### Saturday April 9 - 8:00 - 8:30 a.m.

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. Tyrrell Burrus, MD</td>
<td>Increased Failure Rates Following ACL Reconstruction with Soft Tissue Autograft/Allograft Hybrid Grafts</td>
</tr>
<tr>
<td>Nicholas Vance, MD</td>
<td>Can Syndesmosis Screws Displace the Distal Fibula?</td>
</tr>
<tr>
<td>M. Tyrrell Burrus, MD</td>
<td>Simultaneous Bilateral Multiligamentous Knee Injuries are Associated with Severe Multisystem Trauma</td>
</tr>
<tr>
<td>Kevin Leffers, MD</td>
<td>Low-Dose Computed Tomography to Detect Dorsal Screw Penetration after Distal Radius Volar Plating</td>
</tr>
<tr>
<td>Nicholas A. Kusnezov, MD</td>
<td>Does Early Stabilization of Femur Fractures in the Setting of Polytrauma Decrease Risk of Pulmonary Complications and Mortality: A Review of the National Trauma Databank</td>
</tr>
<tr>
<td>Brian J. Gengler, MD</td>
<td>Computed Tomography Density Analysis of the Distal Tibia</td>
</tr>
</tbody>
</table>

#### Saturday April 9 - 12:45 - 1:00 p.m.

<table>
<thead>
<tr>
<th>Presenter</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eugene F. Stautberg, III, MD</td>
<td>Stability of Two Versus Three Peripheral Pegs in Modern Total Shoulder Glenoid Components</td>
</tr>
<tr>
<td>John C. McConnell, M.D</td>
<td>Two Bundle Primary Repair of Partial ACL Injuries Diagnosis and Patient Selection Pitfalls</td>
</tr>
<tr>
<td>Ali Ashraf, MD</td>
<td>Gravity Stress Radiographs and the Effect of Ankle Position on Deltoid Ligament Integrity &amp; medial Clear Space Measurements</td>
</tr>
</tbody>
</table>

---

Houston Orthopaedic Surgeons with Congressman Kevin Brady (R-The Woodlands), Chair of the House Ways & Means Committee

John Gill, MD of Dallas with Congressman Sam Johnson (R-Richardson).

David Mansfield, MD of El Paso with Congressman Beto O’Rourke (D-El Paso) in Washington.
TOA Dinner by the Colorado River
Presented by TMLT
Friday, April 8 – 7:00 p.m. – 8:30 p.m.
LBJ Pavilion

All attendees, family members, and exhibitors are invited to this dinner. Please note that you must have an attendee or exhibitor badge in order to attend. Guests must be registered for the dinner.

The dinner will be held in the LBJ Pavilion overlooking the Colorado River (In case of rain, the dinner will be held in the exhibit hall.)

Thanks to TMLT for generously underwriting this event.

A cash bar is available once you have used your drink ticket. Please note that family members of attendees are also asked to register to attend. If you did not pre-register, registration is available at TOA’s registration desk. Casual attire is suggested.

TOA Past Presidents’ Breakfast
Saturday, April 9 – 7:15 a.m. – 7:45 a.m.
Mina Room

All TOA past presidents are invited to attend this breakfast. Please RSVP to Bobby@toa.org to attend.

AO Patient Outcomes Center
Exhibit Hall – Friday and Saturday

TOA members are invited to participate in product demonstrations with the AO Patient Outcomes Center in the exhibit hall. The AOPOC is a new patient outcomes measurement tool.

Orthopaedic Resident Happy Hour
Hosted by Medtronic
Friday, April 8 – 5:30 p.m. – 6:30 p.m.
Mina Room

Meet and mingle with colleagues and residents from around Texas and learn about how the TOA can help residents and new graduates.

Meeting Highlights
Margaret “Margi” M. Maley, BSN, MS
Thursday, April 8 – 9:00 a.m. – 3:00 p.m.
Lost Pines I-III

Margaret “Margi” M. Maley will present her popular, all-day coding seminar. The event will focus on the latest orthopaedic coding changes, help with the ICD-10 transition, and much more. Participants are encouraged to bring ICD-10 books with them. TOA will provide both lunch and seminar handouts. The event will focus on the latest orthopaedic coding changes, help with the ICD-10 transition, and much more. Participants are encouraged to bring ICD-10 books with them. TOA will provide both lunch and seminar handouts.

14th Annual Resident Quiz Bowl
Saturday, April 9 – 1:00 p.m. to 1:45 p.m.
Lost Pines I-III

In its 14th year, the Annual Resident Quiz Bowl teams up orthopaedic residents from schools across the state to compete for the top prize. The competition features two residents on each team from Texas’ top orthopaedic training programs. Residents are competing for the highly coveted traveling trophy, title and bragging rights. This year’s emcees will be Kyle F. Dickson, MD and Joel W. Jenne, MD.

Past TOA Resident Quiz Bowl Winners

2003 Winner: Brooke Army Medical Center
2004 Winner: Brooke Army Medical Center
2005 Winner: University of Texas Medical Branch
2006 Winner: University of Texas Medical Branch
2007 Winner: Brooke Army Medical Center
2008 Winner: University of Texas San Antonio
2009 Winner: University of Texas Medical Branch
2010 Winner: University of Texas Medical Branch

2011 Winner: Scott & White
2012 Winner: Wm. Beaumont Army Medical Center
2013 Winner: John Peter Smith
2014 Winner: University of Texas Medical Branch
2015 Winner: University of Texas Medical Branch
2016 Winner: To be determined
Dinner buffet for attendees, their family members/guests, and exhibitors.
Your name badge and drink ticket serve as your admission. Please note that family members of attendees are also asked to register to attend. Casual attired suggested.
The LBJ Pavilion overlooks the Colorado River. (In case of rain, the dinner will be held in the exhibit hall.)
Thank you to all of the Texas orthopaedic surgeons who donated to the Texas Orthopaedic Political Action Committee (TOPAC). In several short years, TOPAC has grown from donating $6,000 to political candidates in the 2009-2010 election cycle to an estimated $50,000 in the 2015-2016 cycle.

I’m also pleased to report that large donations to TOPAC have increased dramatically. In 2014, TOPAC had 18 donations of $500 or more. In 2015, that number increased to 38 orthopaedic surgeons who donated $500 or more.

Luis Urrea, MD
TOPAC Chair

Thank You to TOPAC’s $500-plus donors in 2015 and 2016

2015 $500+ Donors
James K. Baker, MD
Terry J. Beal, MD
Adam J. Bruggeman, MD
Jeffrey E. Budoff, MD
Craig C. Callewart, MD
Fred G. Corley, MD
Stephen De Young, MD
Kyle F. Dickson, MD
John P. Duggan, Jr, MD
John S. Early, MD
Howard R. Epps, MD
Stephen I. Esses, MD
Michael A. Fallon, MD
Gerard T. Gabel, MD
Gerald Q. Greenfield, MD
Roy J. Guse, MD
Adam I. Harris, MD
David E. Haynes, MD
Keith J. Hill, MD
John W. Hinchey, MD
Omer A. Ilahi, MD
Michael G. Kaldis, MD
David R. Lionberger, MD
David J. Mansfield, MD
Richard F. McKay, MD
Sheri Moss
Daniel B. O’Neill, MD
Scott T. Orth, MD
Andrew J. Palafox, MD
Scott A. Protzman, MD
R. Mills Roberts, MD
Jose E. Rodriguez, MD
Mustasim N. Rumi, MD
John F. Scovell, III, MD
Jorge E. Tijmes, MD
Luis H. Urrea, MD
Robert E. Urrea, MD
Robert E. Wolf, MD

2016 $500+ Donors
Bruce A. Bollinger, MD
Save the Date for TOA in 2017

May 4-6, 2017 | The Joule - Dallas

Rooms will be limited at the hotel. TOA members are encouraged to book their rooms early when they become available in late summer 2016.
TOA is the only organization that is dedicated to advocating on behalf of Texas orthopaedic surgeons before Texas’ legislative and regulatory bodies. Orthopaedic surgeons practice under two domes: the Capitol in Austin and the Capitol in Washington, DC.

Laws and regulations touch on every aspect of an orthopaedic surgeon’s practice. If orthopaedic surgeons do not become engaged in the public policy process, our opponents will take advantage of our absence and define musculoskeletal issues by using their own terms.

TOA assists orthopaedic surgeons in their efforts to advocate on behalf of their patients in both Austin and Washington, DC.

Over the past 18 months, the following issues affected orthopaedics at the state level, and TOA was there to advocate on behalf of orthopaedic surgeons:

- Inappropriate scope of practice expansions proposed by allied health providers were defeated.
- A ban on balance billing that would have affected on-call orthopaedic surgeons was defeated.
- Protection for team physicians who work across state lines.
- TOA ended a requirement for orthopaedic surgeons to have additional state-mandated training for fluoroscopy.
- TOA and its peers are working to defeat efforts by New Mexico’s courts to sue Texas physicians under New Mexico’s harmful liability laws.

The past 18 months in Washington, DC have provided a preview of what orthopaedic surgeons should expect from federal policy over the next year:

- With mandatory bundled Medicare payments for THA and TKA now in place in certain Texas cities, Medicare may extend the mandatory bundles to other cities and procedures.
- In November 2015, Congress enacted “site neutral payments” for new off-campus, hospital-based services. The hospital lobby is attempting to grandfather in acquisitions that were in negotiation when the legislation was signed in November. As a potential trade-off for allowing some of the off-campus sites to be paid at the higher hospital rate, some Texas lawmakers are asking for grandfathered physician-owned hospitals to have a window to expand. These two items are likely to be considered by Congress this summer.
- Both government and commercial health insurance plans are changing the way that orthopaedic surgeons are measured on quality and economics, as you will hear in our Friday lunch presentation. In May 2016, CMS will finalize the new reporting measures for MACRA, which replaced the SGR in the spring of 2015.
CME Credit, Disclaimer, Disclosure, Meeting Objectives

Description: This meeting is designed to identify areas of recent research in orthopaedics and sports medicine relevant to physicians, surgeons, and allied health professionals. This information will be transmitted through scientific paper presentations, question and answer sessions, spotlights on surgical techniques, current concepts and symposiums.

Statement of Need: A need for this educational activity has been determined based on previous TOA course evaluations, AAOS CME curriculum and medical journals. TOA leadership and program committee members also identified program needs based on current orthopaedic topics and sports medicine issues.

Target Audience: The target audience will be orthopaedic surgeons, residents, fellows, and physicians with an interest in orthopaedic treatment. Athletic trainers, coaches, and orthopaedic clinic administrators/technical staff may also be interested in the program.

Program: The Texas Orthopaedic Association attests that the person(s) responsible for the development of this educational activity did so independently and were not influenced by commercial support.

Educational Method: Lecture presentations, case studies, and hands-on workshops.

CME Accreditation and Credit Designation: The Texas Orthopaedic Association designates this course for a maximum of 18.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Attendees will receive a total of 18.00 AMA PRA Category 1 Credits™ if attending all three days of this course, which includes 1 hour of Ethics. The ICD-10 Coding Course on Thursday offers 6.00 AMA PRA Category 1 Credits™, Friday’s course offers 7.25 AMA PRA Category 1 Credits™ and Saturday’s course offers 4.75 AMA PRA Category 1 Credits™.

<table>
<thead>
<tr>
<th>Possible CME per Attendee</th>
<th>Thursday CME</th>
<th>Friday CME</th>
<th>Saturday CME</th>
<th>Three Day Total</th>
<th>Friday and Saturday Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6.00</td>
<td>7.25</td>
<td>4.75</td>
<td>18.00</td>
<td>12.00</td>
</tr>
</tbody>
</table>

Global Learning Objectives

Upon completion of this meeting, learners should be able to:

1. Examine and apply basic scientific information and technical skills in orthopaedic surgery.
3. Evaluate the current evidence base for diagnosis and clinical management of orthopaedic injuries, conditions, and disorders.
4. Review their current practice management expertise and develop a plan to increase their expertise.
5. Develop new clinical and technical skills to improve the everyday practice of orthopaedic surgery.
6. Ethics Hour*: comprised of the ½ hour AAOS Presidential Report presentation (Friday morning) plus the ½ hour Physician Assistants presentation (Friday afternoon)

Disclosure Statement: TOA mandates all instructors, planners, spouses and other individuals in a position to control or influence the content of an educational activity to disclose all relevant financial relationships or affiliations during the past 12 months with any commercial interest. All identified conflicts of interest must be resolved and the education content vetted by the TOA for fair balance, scientific objectivity and appropriateness. Any and all disclosures will be provided in the Final Program, which will be distributed to all program participants.

Each program participant as well as their spouses in the Annual Meeting has been asked to disclose if he or she has received something of value from a commercial company or institution, which relates directly or indirectly to the subject of their presentation. Participants must disclose if research or institutional support has been received; miscellaneous non-income support (e.g., equipment or services); royalties; stock or stock options; or consultant or employee and disclosed nothing of value received. An indication of the participant’s disclosure appears after his or her name as does the commercial company or institution that provided the support. TOA does not view the existence of these disclosed interests or commitments as necessarily implying bias or decreasing the value of the author’s participation at the meeting.

FDA Statement: Some drugs or medical devices demonstrated at the Annual Meeting have not been cleared by the FDA or have been cleared by the FDA for specific purposes only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or medical devices he or she wished to use in clinical practice.

TOA policy provides that "off label" use of a drug or medical device may be described in the TOA's CME activities so long as the "off label" use of the drug or medical device is also specifically disclosed (i.e. it must be disclosed that the FDA has not cleared the drug or device for the described purpose). Any drug or medical device is being used "off label" if the described use is not set forth on the product's approval label.

Disclaimer: The material presented at the Annual Meeting has been made available by the Texas Orthopaedic Association for educational purposes only. This material is not intended to represent the only, nor necessarily best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty which may be helpful to others who face similar situations. TOA disclaims any and all liability for injury or other damages resulting to any individuals attending a session for all claims, which may arise out of the use of the techniques demonstrated therein by such individuals, whether these claims shall be asserted by a physician or any other person. No reproductions of any kind, including still photography, audio-tapes and videotapes, may be made of the presentation at the TOA Annual Meeting. The Association reserves all of its rights to such material, and commercial reproduction is specifically prohibited.
Each program participant as well as their spouse in the Annual Meeting has been asked to disclose if he or she or his or her spouse has received something of value from a commercial company or institution, which relates directly or indirectly to the subject of their presentation. Participants must disclose:

- research or institutional support has been received;
- miscellaneous non-income support (e.g. equipment or services);
- royalties;
- stock or stock options;
- consultant or employee;
- and disclose if nothing of value received has been received;
- consulting or speaker.

An indication of the participant’s disclosure appears after his or her name as does the commercial company or institution that provided the support. TOA does not view the existence of these disclosed interests or commitments as necessarily implying bias or decreasing the value of the author’s participation at the meeting.

### Program Faculty

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Commercial Interest</th>
<th>Relationship Disclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jason</td>
<td>Ahuero</td>
<td>AAOS</td>
<td>American Orthopaedic Foot and Ankle Society</td>
</tr>
<tr>
<td>B. Christian</td>
<td>Balldin</td>
<td>Smith &amp; Nephew</td>
<td>Paid Consultant</td>
</tr>
<tr>
<td>Michael</td>
<td>Berkowitz</td>
<td>Ferring Pharmaceuticals</td>
<td>Paid presenter or speaker</td>
</tr>
<tr>
<td>Mark</td>
<td>Brinker</td>
<td>JOT Section Editor</td>
<td>Editorial or governing board</td>
</tr>
<tr>
<td>Kyle</td>
<td>Dickson</td>
<td>AAOS</td>
<td>AOS</td>
</tr>
<tr>
<td>Jeff</td>
<td>Dunkel</td>
<td>Titan Spine</td>
<td>Employee: VP of Strategic Planning</td>
</tr>
<tr>
<td>John</td>
<td>Early</td>
<td>AAOS</td>
<td>Biomet</td>
</tr>
<tr>
<td>Thomas</td>
<td>Hunt</td>
<td>AAOS</td>
<td>Acumed, LLC</td>
</tr>
<tr>
<td>Omer</td>
<td>Ilahi</td>
<td>Biomet</td>
<td>Western Orthopaedic Association</td>
</tr>
<tr>
<td>Joel</td>
<td>Jenne</td>
<td>Stryker</td>
<td>Texas Orthopaedic Association</td>
</tr>
<tr>
<td>James</td>
<td>Kellam</td>
<td>AO Foundation</td>
<td>AONA</td>
</tr>
<tr>
<td>Valerae</td>
<td>Lewis</td>
<td>AAOS</td>
<td>Orthopedics Today</td>
</tr>
<tr>
<td>Ronald</td>
<td>Lindsey</td>
<td>Journal of Bone and Joint Surgery - American</td>
<td>Journal of Orthopaedic Trauma</td>
</tr>
<tr>
<td>David</td>
<td>Mansfield</td>
<td>AAOS</td>
<td>ACAAI</td>
</tr>
</tbody>
</table>
## Financial Disclosures (continued)

### Program Faculty

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Commercial Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew</td>
<td>Palafox</td>
<td>AAOS Board of Councilors</td>
</tr>
<tr>
<td>Gerald</td>
<td>Williams</td>
<td>CrossCurrent Business Analytics</td>
</tr>
</tbody>
</table>

### The Quiz Bowl participants listed below have nothing to disclose.

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ashraf El Naga</td>
<td></td>
</tr>
<tr>
<td>Matthew Walker</td>
<td></td>
</tr>
<tr>
<td>Eric Barcak</td>
<td></td>
</tr>
<tr>
<td>John McElroy</td>
<td></td>
</tr>
<tr>
<td>Bryan Lawson</td>
<td></td>
</tr>
<tr>
<td>Jeffrey Knabe</td>
<td></td>
</tr>
<tr>
<td>Gerardo Myrin</td>
<td></td>
</tr>
<tr>
<td>Ali Ashraf</td>
<td></td>
</tr>
<tr>
<td>Jacob Murphee</td>
<td></td>
</tr>
<tr>
<td>Grant Muller</td>
<td></td>
</tr>
</tbody>
</table>

### Program Planner Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Howard Epps</td>
<td>AAOS</td>
</tr>
<tr>
<td>Adam Bruggeman</td>
<td>Exactech, Inc</td>
</tr>
<tr>
<td>Scott McKay</td>
<td>Pediatric Orthopaedic Society of North America</td>
</tr>
</tbody>
</table>

### Program Planners listed below have nothing to disclose:

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Bramhall</td>
<td></td>
</tr>
<tr>
<td>Jaclyn Hill</td>
<td></td>
</tr>
</tbody>
</table>

### Scientific Presentation Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. Sawyer Crole</td>
<td>Stryker</td>
</tr>
</tbody>
</table>

### The Quiz Bowl Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. Dionisio Ortiz</td>
<td>AAOS</td>
</tr>
</tbody>
</table>

### Relationship Disclosed

<table>
<thead>
<tr>
<th>For What Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board or committee member</td>
</tr>
<tr>
<td>Paid consultant</td>
</tr>
<tr>
<td>Stock or stock Options</td>
</tr>
<tr>
<td>Stock or stock Options</td>
</tr>
<tr>
<td>Stock or stock Options</td>
</tr>
<tr>
<td>Stock or stock Options</td>
</tr>
</tbody>
</table>
Thank You To Our 2016 Sponsors!

Platinum Sponsors
Stryker
Texas Medical Liability Trust

Gold Sponsors
Physicians Realty Trust
THINK Surgical

Silver Sponsors
AO Patient Outcomes Center (AOPOC)
Applied Biologics
Aspect Imaging
AudxMD
Conventus
Orthopaedics
Depomed, Inc.
DePuy Synthes
Ferring
Pharmaceuticals
Hologic / Fluoroscan
M*Modal
Mallinckrodt
Pharmaceuticals
MedInc of Texas
Medtronic

Advanced Energy
ODG - Work Loss Data Institute
ODI - North America
Orthoscan
Pacira
Pharmaceuticals
Phoenix Ortho
Radiology Associates of North Texas
Sanofi Biosurgery
SI-BONE
Smith & Nephew
The Juice Plus+ Company
Viztek
Zimmer Biomet

Officer 2015-2016
President:
Howard R. Epps, MD, Houston, TX
First Vice President:
Kyle F. Dickson, MD, Houston, TX
Second Vice President:
David R. Haynes, MD, Waco, TX
Immediate Past President:
Marc M. DeHart, MD, San Antonio, TX
Secretary-Treasurer:
Christopher M. Danney, MD, Austin, TX
Historian/Membership Chair:
Maureen A. Finnegan, MD, Dallas, TX

Board of Councilors, AAOS
Kyle F. Dickson, MD
Michael H. Huo, MD
Omer A. Ilahi, MD
Andrew J. Palafox, MD

TOA Office
Executive Director
Bobby Hillert
Director of Operations
Ed Berg

Texas Orthopaedic Association
401 West 15th Street, Suite 820
Austin, Texas 78701