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# FRACTURE *lines*

The Newsletter of the Orthopaedic Trauma Association

Fall 2017



## MESSAGE FROM THE PRESIDENT

*William M. Ricci, MD*

In 1998, I attended my very first OTA Annual Meeting in Vancouver. Nineteen years later, as OTA President, I welcome you to 33<sup>rd</sup> Orthopaedic Trauma Association Annual Meeting in Vancouver, British Columbia. Please enjoy some of the parallels between the growth and maturity of the city of Vancouver and the Orthopaedic Trauma Association.

Since 1998, OTA membership has grown from 323 to 2,029. We now have 10 membership categories (compared to 4 in 1998) with international member growth outpacing all others. We welcome a record numbers of international attendees, especially from Asia (due to proximity), from our Guest Nation the United Kingdom, and SIGN scholars from the Philippines and Uganda. Just as membership has seen substantial growth, the OTA Annual Meeting has grown substantially in size and scope in the past two decades:

*CONTINUED ON PAGE 7*



## MESSAGE FROM THE EDITOR

*Joshua Gary, MD*

Fall has arrived! I'm sure that everyone is looking forward to gathering in the beautiful Pacific Northwest in early October. The Annual Meeting is a time to come together, share knowledge, and celebrate the strides we are making in the treatment of musculoskeletal injury. It's also a time to strengthen existing bonds with known colleagues and connect with the new generation of up and coming trauma surgeons.

Inside the newsletter, you will find details on industry sponsored sessions at the Annual Meeting that highlight new and exciting technologies coming to the marketplace and updates from each of the committee chairs.

We hope that *Fracture Lines* Newsletter is valuable to our membership and are continually looking for ways to make the content and format more relevant. We are interested in your opinions as we look for ways to modernize the newsletter in the coming year. Please reach out to myself or Mark Lee, chair of the Public Relations Committee, in person in Vancouver or by email, if you have any input.

Lastly, on a personal note, I'd like to thank so many friends and colleagues across the globe that have reached out to all of us here in Southeast Texas as we dealt with Hurricane Harvey. The collective effort of the people here to withstand and begin to recover from the storm has been inspiring. While most (like myself) came through the floods unscathed, ten of thousands of people lost everything but their lives. We extend our thoughts and prayers to all in the Caribbean, Florida, and Mexico as they have dealt with their own natural disasters and begin to reconstruct their lives.

## MESSAGE FROM ANNUAL MEETING CHAIR

*Michael McKee, MD, Chair*

The OTA Program Committee invites you to attend the Annual Meeting of the Orthopaedic Trauma Association that will be held this fall in beautiful Vancouver, British Columbia, on October 11 - 14. The Committee reviewed a record 950 abstracts and 60 symposia submissions this year in order to present a program that will be truly “cutting-edge” for those interested in learning innovative new techniques, confirming established ones, or networking with friends and colleagues. The paper presentations will begin with a “High Impact” session of a dozen original studies (primarily randomized controlled trials) presented for the first time, a session other sub-specialty meetings would be hard-pressed to duplicate. Multiple breakout sessions (over 35) will enable the attendee to focus on his or her chosen sub-specialty field, reinforce an established practice, or investigate a new one. For those with an interest in research, the Basic Science Fracture Forum (chaired by **Edward J. Harvey, MD**) preceding the meeting will address a number of hot topics in the research realm.

This year’s Guest Nation is the United Kingdom, and many of the trauma leaders of that country will present a Symposium on their progress with a national network of lower case level-1 trauma centres, including attempts to improve the care of isolated complex open fractures. Other main symposia topics will address the “Infected Fracture” in terms of prevention, detection, and treatment and for those who want to stay up to date with the orthopaedic trauma literature, a “Hot Off the Press” session will examine how recent evidence-

based fracture research has changed clinical practice. The 2017 Border lecture will be delivered by **Roy Sanders, MD**, Editor-in-Chief of the Journal of Orthopaedic Trauma. A dynamic speaker with tremendous insight into the world of research, publishing, and impact factors, Dr. Sanders’ lecture promises to be a “must-see” part of the meeting.

The Annual Meeting promises to be one of the most dynamic and comprehensive meetings of the year, with 96 podium presentations, 38 breakouts, 3 main symposia, and 180 posters. The meeting will take place at the Convention Centre, known for its spectacular views from the downtown waterfront and its environmentally-friendly design. Following your day’s events, we confess, you might easily be distracted by what Vancouver can offer. It will start close by with the fine dining and microbreweries of the downtown core and Gastown district, or with a walk/run/ride along the Sea Wall that covers the city’s waterfront for 13 1/2 miles (22 km). Vancouverites pride themselves in the ways they enjoy their local mountains, the ocean, or the city’s many parks and they like to share. We hope you take advantage. Want to explore a bit? Extend the trip 10 more minutes to Granville Island’s shopping and dining or Kitsilano neighbourhood’s eateries, boutiques and beach. Have a bit more time? Consider bringing the family “a few days early” or stay once it’s all done –Victoria is a short float plane ride away starting a few steps from the Convention Centre and Whistler is only a 90 minute highway drive. Book now!

WE LOOK FORWARD TO SEEING YOU THERE.

[Annual Meeting Home Page link](#)





## 2017 PRE-MEETING EVENTS

### OTA Business Meeting

Thursday, October 12, 5:10 - 6:10 pm  
Vancouver Convention Center,  
West Ballroom AB

[Spring Business Meeting Minutes](#)

[Fall Business Meeting Agenda](#)

## NEW! ONLINE EXHIBIT SHOWCASE

This year, we are introducing our new Online Exhibit Booths and Website. Exhibitors will be showcased in our enhanced exhibitor website which will:

- Allow exhibitors the ability to select an available exhibit booth on a real-time floor plan
- Garner more online exposure which will produce more traffic to their booth
- Provide the ability to upload galleries of products, videos, and press releases into an automated product showcase that attendees can browse in preparation for the OTA Annual Meeting. This will equip attendees with easy access to information that they are interested in

Attendees will be able to:

- Plan for the exposition by searching for exhibitors, adding them to the favorites list, and creating a personalized printable walking map - all on any device of their choice
- Search and browse exhibitor profiles, press releases, view galleries of exhibitor products and videos in preparation for the meeting



### Mobile App

Download the *OTA 2017 Annual Meeting* app from the App Store or Google Play. From the convenience of your phone you can create your schedule for the week, read abstracts, view e-posters, search exhibitors and more.

## INDUSTRY SESSIONS

WEDNESDAY, OCTOBER 11

6:30 pm - 8:00 pm



### (IS01) Zimmer Biomet Industry Session 1

**Innovative Solutions in External Fixation and Augmented Fracture Fixation** WMR 210

Session Speaker(s): Michael Tilley, MD  
Thomas A. (Toney) Russell, MD  
John A. Scolaro, MD

6:30 pm - 6:45 pm	Reception & Welcome Address
6:45 pm - 7:15 pm	FastFrame Overview
7:15 pm - 8:00 pm	N-Force Technology & Case Discussions

Dr. Michael Tilley will provide Instruction on the features and benefits of the new FastFrame external fixator. Dr. Toney Russell will provide instruction on the science, features and benefits of the N-Force Fixation System. Dr. John Scolaro will discuss the use of N-Force in his practice and review clinical cases.

## Medtronic

### (IS06) Medtronic Industry Session

**Clinical Experience and Best Practices for Utilizing Stealth Navigation and O-arm® 3D Imaging for Orthotrauma Procedures** WMR 203

Session Speaker(s): Jeremie Larouche, MD

Dr. Jeremie Larouche will discuss how his practice has benefited from utilizing 3D navigation in orthotrauma cases. Pelvic orthotrauma procedure case studies will be presented to highlight the best practices for navigating utilizing the O-arm® Imaging and StealthStation® Navigation Systems. Dr. Larouche will also provide sawbone demonstrations of these best practices as well as optional hands-on time to navigate pelvic orthotrauma procedures with the StealthStation®.

WEDNESDAY, OCTOBER 11  
6:30 pm - 8:00 pm, continued



**(IS15) Acelity Industry Session**

**Open Lower Extremity Fracture Management - Challenges and Controversies** WMR 207  
**Industry Session**

Speaker(s): Animesh Agarwal, MD  
Michael Gardner, MD  
R. Malcolm Smith, MD

This session will provide a panel presentation and discussion of the challenges and controversies related to the management of open fractures of the lower extremity. Drs. Gardner, Smith, and Agarwal will present on the acute phase of patient management including immediate treatment and wound management, the when, the why, and how of wound closure and closed soft tissue management and the challenges that arise post operatively including the risk of surgical site infection, dehiscence and open wound management.

THURSDAY, OCTOBER 12  
INDUSTRY LUNCH SYMPOSIA 11:15 am - 12:45 pm



**(IS05) Smith & Nephew Industry Session**

**Current Strategies for Periarticular Tibia and Fibula Fractures** WMR 116 & 117

Session Speaker(s): Paul Tornetta, MD  
William Ricci, MD

Attendees will learn the most up to date fixation techniques for distal and proximal tibia fractures by utilizing the EVOS™ Small Plating System in a sawbones lab.



**(IS10) NuVasive Specialized Orthopedics, Inc. Industry Session**

**Intramedullary Limb Lengthening and Compression for the Trauma Surgeon** WMR 209

Session Speaker(s): Stuart A Green, MD  
Austin T. Fragomen, MD

Discussion and demonstrations of the PRECICE® and PRECICE UNYTE™ intramedullary systems that utilize an external controller to non-invasively lengthen or compress the femur, tibia, or humerus. This session will include case examples, tips and tricks and how to avoid complications.



**(IS02) DePuy Synthes Industry Session I**

**Augmenting the Realities of Hip Fracture Fixation** WMR 202-203

Session Speaker(s): Michael Blauth, MD  
Sanjit Konda, MD  
Michael O'Boyle, MD

Surgeon panel will include a clinical introduction to the first PMMA cement to be used with a trauma device, discussing applications and experiences with augmentation and cephalomedullary nail devices. This procedure allows surgeons to inject a controlled amount of TRAUMACEM™ V+ into the femoral head, reducing the risk of cut-out in patients with poor bone quality.



**(IS03) DePuy Synthes Industry Session II**

**Maximizing Post-Traumatic Deformity Planning: Advances in Computer Assisted Circular Fixation** WMR 208

Session Speaker(s): Greg Osgood, MD  
J. Spence Reid, MD  
Nicholas Quercetti III, DO

Surgeon panel will discuss the advances in post-traumatic deformity planning software and accompanying hardware with MAXFRAME™ Multi-axial Correction System.

THURSDAY, OCTOBER 12

INDUSTRY LUNCH SYMPOSIA 11:15 am - 12:45 pm, cont'd



**(IS07) DePuy Synthes Industry Session III**

**Treating Complex Trauma with the Right Cells at the Right Time** WMR 204

Session Speaker(s): Douglas W. Lundy, MD  
Michael Romanko, PhD

Surgeon panel will discuss the paradigm shift in the field of bone repair, applications, and their clinical results with the use of ViviGen® Cellular Bone Matrix.



**(IS08) SI-BONE Industry Session**

**Trauma and the SI Joint** WMR 206

Session Speaker(s): Craig S. Bartlett, MD

In this symposium, participants will learn about the history of sacroiliac (SI) disorders, the role of SI joint pain in trauma, and advances in minimally invasive techniques for the symptomatic SI joint and its role in trauma patient care.

Specific topics of discussion include:

1. The SI joint as a pain generator and common misconceptions
2. Historical ways to treat SI joint disorders
3. Minimally invasive advancements in treating SI joint pain
4. The role of minimally invasive SI joint fusion in trauma
5. A Presentation of traumatic SI joint fusion case studies



**(IS04) Zimmer Biomet Session II**

**Emerging Trends in Dynamic Fixation** WMR 205

Session Speaker(s): Erik Kubiak, MD  
Peter O'Brien, MD, FRCSC  
Michael Tilley, MD

11:15 am - 11:45 am MotionLoc® - US Clinical Experience

11:45 am - 12:15 pm MotionLoc® - Canada COTS Study Update

12:15 pm - 12:45 pm Active Plating Technology Update

Dr. Michael Tilley will discuss his seven-plus years of experience using NCB plates with MotionLoc® Screws. Dr. O'Brien will provide an update on the multicenter randomized clinical trial in progress at 16 sites (Canada and US) designed to compare the outcomes of displaced distal femur fractures fixed with and without MotionLoc® Screws. Dr. Kubiak will provide an update on the latest biomechanical and clinical studies looking at the next generation in dynamic fixation: Active Plating.



**(IS13) Invibio / Carbofix Joint Session**

**Early Clinical Outcomes with Carbon Fiber PEEK Implants for Proximal Humerus, Distal Femur and Tibia Fractures** WMR 210

Session Speaker(s): David J. Hak, MD  
A. Alex Jahangir, MD, MMHC  
Bruce H. Ziran, MD, FACS

Join us as surgeons review cases, clinical outcomes and share their experiences with lower elastic modulus implants made with Carbon Fiber PEEK (CFR-PEEK) with reduced construct stiffness for fracture healing. David J. Hak, MD, will present the background and history of medical CFR-PEEK and interface in CFR-PEEK and stainless steel.

A. Alex Jahangir, MD, will review a clinical study he conducted for early clinical outcomes of CFR-PEEK versus stainless steel plates in distal femur fractures and Bruce H. Ziran, MD, will present a multi-patient case series using CFR-PEEK implants for upper and lower extremity fracture fixation.

THURSDAY, OCTOBER 12

INDUSTRY LUNCH SYMPOSIA 11:15 am - 12:45 pm, cont'd



**(IS09) Skeletal Dynamics Session**

**Advances in the Management of the Unstable Elbow** WMR 207

Session Speaker(s): Douglas P. Hanel, MD

Review and discuss the kinematics and biomechanics of the forearm, concentrating on the role of soft tissue structures and how they affect forearm and elbow function. During this session, we will feature the IJS® Elbow Stabilization System which provides temporary subcutaneous stability between the distal humerus and proximal ulna in patients who have elbow instability allowing for early active motion and function of the elbow.



**(IS12) Ziehm Imaging Session**

**Ziehm Doctors' Presentation** WMR 212

Session Speaker(s): Christoph Josten, MD  
Milton Routt, MD

Dr. Routt and Dr. Josten speaking about Interoperative Imaging using the Ziehm RFD 3D C-Arm.

FRIDAY, OCTOBER 13

6:30 pm - 8:00 pm



**(IS14) Wright Medical Industry Session**

**Next Generation Biologic: rhPDGF-BB** WMR 207  
**Enhanced Healing in Hindfoot and Ankle Fusions**

Session Speaker(s): Christopher DiGiovanni, MD;  
Charlie Hart, PhD;  
Alastair Younger, MB, ChB, MSc,  
CHM, FRCS

Ankle trauma is by far the most prevalent etiology for osteoarthritis of the ankle and is increasingly a challenge for orthopaedic trauma and foot and ankle reconstructive surgeons. AUGMENT® Bone Graft is a next generation bone healing biologic that is the first and only FDA-approved alternative to autograft in hindfoot and ankle fusions.

In this symposium, the participant will learn the science behind rhPDGF-BB and the clinical evidence supporting its use through didactic presentation and clinical case review. Ample time will be set aside for questions and answers at the end of the session.



**ANNUAL MEETING BREAK  
INDUSTRY PRODUCT THEATER SESSION**

**THURSDAY, OCTOBER 12**


**2:50pm – 3:20pm - Product Demo Theater**  
(located inside the Exhibit Hall)



**Hip Fractures: The State of the Art in 2017**

Speaker: Ben Ollivere, Associate Professor, Queens Medical Centre, Nottingham

Despite the significant progress that has been made over the past few years in the care for hip fractures, there are still a number of unsolved problems. This talk will provide an overview of current hip fracture challenges and discuss the new concept of "fixed compression" implants which may prove to be beneficial for these patients.



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## OTA 2017 RESEARCH AND EDUCATION FUNDRAISING CAMPAIGN

The OTA 2017 [Education & Research Fundraising Campaign](#) is underway and every contribution matters, no matter how small. If you've never given before, we have a new option for you where you can now text in your donation!



If you have US mobile service, you can now text your gift of \$100, \$250, \$500, \$1,000 or more. Text "OTA" to 56512 (Msg & Data Rates May Apply) or click [here](#) to donate online.

Contact [Bonnie Emberton](#) for more information.

## FIRST OTA AFA COMMUNITY SURGEON ACHIEVEMENT AWARD FOR 2017 WILL BE ANNOUNCED IN VANCOUVER

The Community Surgeon Achievement Award (CSAA) Selection Committee, co-founded by the Orthopaedic Trauma Association (OTA) and American Fracture Association (AFA) has chosen the 2017 award recipient.

The selection committee comprised of 2 OTA members, [Steve Olson](#) and [Tim Bray](#); and 3 AFA-OTA members, [James Elmes](#); [Geoffrey Miller](#) and [Steve Rabin](#) will announce the award's first recipient at the OTA Annual Meeting Award Ceremony on Thursday, October 12th at 1:00 PM.

## FROM THE PRESIDENT, CONTINUED FROM PG. 1

	Vancouver 1998	Vancouver 2017
Attendees	564	1,581 anticipated
Submitted Abstracts	350	950
Podium Presentations	76	96
Poster Presentations	108	179
Main Symposia	None	3
International Forum	None	Yes
Guest Nation	None	United Kingdom
Breakout Sessions	5	38
Industry Exhibitors	38	61
Pre-Meeting Events		
Coding Course	No	Yes
Basic Science Forum	No	Yes
Boot Camp	No	Yes
PA / NP Course	No	Yes
Residents Course	Yes	Yes
Young Practitioners Forum	No	Yes
Industry Symposia	No	Yes

Don't miss the 2017 Border Lecture, "Observations in Innovation", by our Past President [Roy Sanders](#). Other noteworthy events include the charter signing for the new International Orthopaedic Trauma Association, a consortium of international societies, on Wednesday evening. Many behind the scenes meetings of our various committees and leadership will help shape the future of our organization with updates presented at our Business Meeting on Thursday, October 12 at 5:10 pm. Finally, and importantly, please be sure to visit the exhibit hall often where our industry partners will be presenting their latest innovations.

The tireless work of our membership, staff, and partners over the past two decades has created a world-class meeting where practitioners at all levels from around the globe come to be updated on the latest in our field. Many special thanks to [Mike McKee](#) and [Mike Gardner](#) and the entire Program Committee, our local hosts [Pierre Guy](#), [Kelly Lefavre](#), and [Peter O'Brien](#), OTA staff and all others for putting together another fantastic and innovative program. Clearly, this is a very special meeting for me. I hope it will be a great learning and personal experience, connecting with friends and colleagues, for you as well. Enjoy the meeting!

Sincerely,  
William M. Ricci, MD, OTA President

The Orthopaedic Trauma Association gratefully acknowledges the following foundations, companies, and individuals for their generous financial support received through OTA and through OREF to fund OTA reviewed research grants.

## 2017 OTA RESEARCH DONORS

(as of September 12, 2017)

Diamond Award (\$250,000+)



Platinum Award (\$150,000 - \$249,999)



Gold Award (\$100,000 - \$149,999)



Bronze Award (\$50,000 - \$74,999)



Copper Award (\$25,000 - \$49,999)



Sponsor Award (\$5,000 - \$24,999)



Members Award (\$1,000 - \$4,999)



## OTA LEGACY DONORS

### ICON Award (\$50,000 or greater)

**Kathy Cramer, MD (Deceased) and Thomas (Toney) A. Russell, MD**

The OTA is pleased to honor the following individuals and organizations who have reached a lifetime giving level of \$10,000 or greater.

Jeffrey O. Anglen, MD; Atlantic Provinces Orthopedic Society; James C. Binski, MD; Christopher T. Born, MD; Michael J. Bosse, MD; Timothy J. Bray, MD; Bruce R. Buhr, MD; Dr. and Mrs. Joseph Cass; Michael W. Chapman, MD; Peter A. Cole, MD; Curt P. Comstock, MD; William R. Creevy, MD; Gregory J. Della Rocca, MD, PhD, FACS; Florida Orthopaedic Institute, Tampa, Florida; Stuart M. Gold, MD; James A. Goulet, MD; Ramon B. Gustilo, MD; David J. Hak, MD, MBA, FACS; David L. Helfet, MD; Kyle J. Jeray, MD; Alan L. Jones, MD; Clifford B. Jones, MD, FACS; Gerald J. Lang, MD; Ross K. Leighton, MD; Douglas W. Lundy, MD; Todd W. and Jennifer Mailly; J. Lawrence Marsh, MD; Simon C. Mears, MD, PhD; Theodore Miclau III, MD; Steven J. Morgan, MD; Steven A. Olson, MD; Glenn E. Oren, MD; OrthoArizona, Phoenix, Arizona; Brendan Patterson, MD; Andrew N. Pollak, MD; Robert A. Probe, MD; Mark Cameron Reilly, MD; William M. Ricci, MD; Andrew H. Schmidt, MD; John Schwappach, MD; Brian A. Sears, MD; Michael S. Sirkin, MD; Jeffrey M. Smith, MD; Marc F. Swiontkowski, MD; David C. Teague, MD; David C. Templeman, MD; Paul Tornetta, III, MD; USCF/SFGH Orthopaedic Trauma Institute; Heather Vallier, MD

### 2017 Sponsors Award (\$5,000 - \$24,999)

William M. Ricci

### 2017 Members Award (\$1,000 - \$4,999)

Bruce Buhr, Chad P. Coles, Curt P. Comstock, Gregory J. Della Rocca, Stuart M. Gold, David J. Hak, Kyle J. Jeray, Alan L. Jones, Mark A. Leberte, Ross K. Leighton, Douglas W. Lundy, J. Lawrence Marsh, Simon C. Mears, Steven J. Morgan, Robert F. Ostrum, Brendan M. Patterson, Andrew N. Pollak, Peter G. Trafton, Heather Vallier, John Charles Weinlein

### 2017 Friends Award (\$250 - \$999)

Daniel T. Altman, Paul T. Appleton, Lisa K. Cannada, Kathleen Caswell, Michael W. Chapman, James N. DeBritz, Darin Friess, Eric W. Fulkerson, Gerald Q. Greenfield, Ramon B. Gustilo, Edward J. Harvey, Steven S. Louis, Michael D. McKee, William T. Obrebsky, Mark C. Olson, Steven A. Olson, Glenn E. Oren, Mark C. Reilly, Regis L. Renard, Edward Kenneth Rodriguez, Andrew H. Schmidt, John R. Schwappach, David C. Teague, Gregory A. Vrabec, J. Tracy Watson, John J. Wixted

### 2017 Associates Award (up to \$249)

Jeffrey O. Anglen, Timothy James Bray, Andrew R. Burgess, Gudrun Elizabeth Mirick Mueller, Laura Lowe Tosi

## BASIC SCIENCE

*Edward J. Harvey, MD*

### Basic Science Focus Forum October 11 – 12

Academic orthopaedic surgeons, community surgeons with an interest in clinically relevant basic science, basic and clinical researchers, residents and fellows will benefit most from the Basic Science Focus Forum.

## CLASSIFICATION AND OUTCOMES

*Matthew D. Karam, MD*

The OTA Classification Committee has had another busy summer. Members of the Classification Committee have been actively engaged in the OTA/AO fracture compendium update. This was accepted and presented in a scientific exhibit at the 2017 AAOS annual meeting in San Diego and will be presented this fall at OTA in Vancouver. This joint effort on the part of the Orthopedic Trauma Association and the AO to update the classification system is close to the finish line. Please keep an eye out for this update.

This coming year will most certainly remain productive, we will be actively promoting the 2017 fracture compendium update, the OTA-OFC system as well as modernizing the OTA database capabilities.

## EBQVS

*William T. Obrebsky, MD, MPH*

The EBQVS Committee has been working on the following projects:

### Quality and Safety Issues

Position statements on:

1. **“State your plan”** - encouraging surgeons to put their post op plan in a standardized part of a patient’s medical record – Approved by OTA BOD
2. **Covering surgeons** – statement on OTA’s position on recent attention to overlapping surgery – Sent to all “sister societies for review and comment – general acceptance and approval – final version pending.

**PRO’s in orthopedic trauma** – The AAOS made recommendations for Patient Reported Outcomes (PROs), but made no specific Trauma recommendations.

### Executive Summary

Orthopedic Trauma surgeons should consider gathering Patient Reported Outcomes (PROs) that are available with Computer adaptive testing (CAT) and are able to be related to legacy measures. A Global Health measure (PROMIS-10), a General physical function measure for upper and/or lower extremity function (PROMIS Physical Function and Upper Extremity Function) as well as a psychologic measure should be considered for all patients. Patients should also be assessed with an appropriate joint or disease specific instrument.

### Practice Patterns

- a. **Compartment syndrome** manuscript on current clinical practice and recommendations has been submitted for publication similar to publications on open fractures, bone defects and DVT prophylaxis.
- b. Review of **Hip Fracture guidelines** and current practice – in process
- c. We have been asked by the AAOS BOS to develop a Quality or Safety project. We proposed a Clinical Practice Guideline (CPG) on **distal femur fractures** in the elderly. This topic was not selected by the AAOS but we were encouraged to resubmit. We are putting together a revised proposal for the November 1 deadline for the AAOS for consideration.

### Value Projects

- a. Registry – We are working with Matthew Karam and a Task force to develop recommendations to the OTA BOD on a Registry/Database with the potential goals for:
  - #1 QCDR compliance for regulatory reasons
  - #2 Quality Improvement (QI) projects to compare to national standards,
  - #3 MOC for ABOS recertification
  - #4 Research projectsWe are exploring options with other societies, for profit, NFP and industry partners

## FELLOWSHIP

*Lisa Taitzman, MD, MPH*

### Current Trauma Fellows

Please remember to log your cases in the OTA or ACGME case log system. If there are CPT codes that you would like to add but you cannot find them in the system, please email [occonnell@ota.org](mailto:occonnell@ota.org) to get them added to the case log data base. This is very important for capturing your operative experience for you and for your program.

### 2018 Match Information

SFMatch Registration for the 2018 match (academic year training in 2019/20) is now open. All programs are encouraged to review and update your program information clicking on the link below.

### Fellowship Match & Resources

If you need assistance logging into the SF Match Website, please email [help@sfmatch.org](mailto:help@sfmatch.org)

### 2016-2017 Fellowship Graduates

Reminder to all 2016-2017 fellowship graduates attending the Annual Meeting in Vancouver, BC, we will be hosting a lunch reception in your honor on Saturday, October 14 from 12:40 PM-1:40 PM at the Vancouver Convention Center West Meeting Room 105 & 106. Email [occonnell@ota.org](mailto:occonnell@ota.org) for more information.

Do you have an open position at your institution for an orthopaedic traumatologist? Consider the OTA as a resource to publicize your posting. Please contact [ota@ota.org](mailto:ota@ota.org).

## HEALTH POLICY AND PLANNING

*Douglas W. Lundy, MD, MBA*

### The Always Changing Landscape of Healthcare Policy

On 22 August 2017, the OTA hosted a webinar for its members focused on tips and techniques to effectively succeed under the new MACRA legislation. Our presenters worked hard to prepare their slide decks and their talking points. The presentations were well coordinated so that the listener could easily understand the new law.

Without warning, Murphy's Law reared its head, and the Centers for Medicare & Medicaid Services

unexpectedly announced that they were going to suspend the new mandatory bundled payment for hip and femur fractures (SHFFT) and to make the mandatory total joint bundle (CJR) voluntary in some areas. Needless to say, this caused a lot of consternation in our presenters! Being the professionals they are, they adjusted nicely and modified their talks.

Under the previous administration, CMS believed that mandatory bundled payments were an effective method to curb the increasing cost in healthcare. The federal government realized that total joint arthroplasty was a reasonable procedure to bundle, and they formed two programs addressing these procedures. The Bundled Payment for Care Improvement Program (BPCI) is a voluntary program that orthopaedic surgeons may participate to share in potential savings. The Comprehensive Care for Joint Replacement (CJR) bundle was a mandatory program that was rolled out on 1 April 2016 in 67 metropolitan statistical areas (MSAs) across the United States. Orthopaedic surgeons without exemptions who performing total joint arthroplasty in these areas were required to participate in CJR.

A major problem with CJR was the inclusion of hip fracture patients into the bundle. Costs are more difficult to control in the hip fracture population, and the centers with a high volume of hip fracture patients were struggling to meet their targets. As a result, CMS developed the Surgical Hip and Femur Fracture Treatment (SHFFT) Alternative Payment Model. CMS was planning on introducing this program in the same demographics where CJR was in place. CMS delayed the program several times, but we were expecting it to finally be released on 1 January 2018. The OTA released a Position Statement on Proposed Changes to Federal Payment Models and Performance Measures for Proximal Femoral Fracture Treatment in Elderly urging the government to reconsider the SHFFT program.

On 15 August, CMS announced that mandatory participation in CJE would be made voluntary in 33 of the 67 MSAs. Mandatory participation is still required in the remaining 34 MSAs. CMS also stated that they were recommending to permanently suspend the SHFFT bundle before it was ever released. CMS didn't abandon bundled payments all together in that they stated they would develop other voluntary bundled payments in 2017. So stay tuned for the fascinating and seemingly always changing world of healthcare policy and payment!

## MEMBERSHIP

Kyle J. Jeray, MD

Exciting SF Match applicant update! A new 2017 initiative allowed PGY4's to also use their SF Match application, as an OTA membership application. 92 of 101 of those applying to SF Match have applied for OTACandidate membership. The OTA Membership Committee; **Kyle Jeray, Emily Benson, Gilbert Ortega, George Russell, and Milan Sen** will meet in October finalize reviews of these 92 SF Match applicants. OTA membership will begin in January of 2018 for those accepted.

The OTA Membership Committee reviewed 96 applications in July. Those accepted were able to utilize a favorite member benefit, a \$500 savings on the 2017 Annual Meeting registration; which opened in July.

### 2017 OTA Membership Counts

Active: 632  
Allied Health: 18  
Advanced Practice Professionals: 58  
Associate: 108  
Clinical: 324  
Emeritus: 104  
International: 244  
Research: 17  
Candidate: 605 (Candidate 192 & Post Candidate 413)  
Honorary: 2  
**Total: 2,112**



### Next Membership Application Deadline: November 1, 2017

Applications can only be completed online via the OTA website at: <http://ota.org> and for those accepted; membership would begin January 1, 2018.

The \$50.00 membership application fee will be waived for all Current Residents, Fellows, SIGN Members, Active USA Military and residents of OTA's 2017 Guest Nation, the United Kingdom.



**United Kingdom  
as 7<sup>th</sup> Annual  
2017 Guest Nation**

### Guest Nation Invitation to Apply for OTA International Membership

Deadlines to Apply - November 1, 2017

- Application Fee Waived for Guest Nation Applicants (\$50 USD value)

- Online Membership Application Available January 2017
- Complimentary 2017 Membership Dues
- Guest Nation Attendees at 2017 OTA Annual Meeting receive Discounted Member Registration Rate of \$250 (\$500 value)

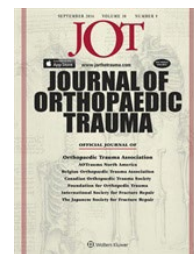
All 2017 new and transitioning OTA members are welcome to attend the New Member lunch on Friday, October 13, from 12:10-1:10 pm at the Vancouver Convention Center. The Board of Directors and membership committee invite prospective members to also attend this popular annual **OTA Luncheon**. Come hear **Dr. Kyle Jeray**, Chair of the Membership Committee speak on the benefits of OTA membership. OTA leaders will be on hand to sponsor new applicants and answer questions attendees may have.

Did you know that OTA Members can post a job position on the OTA website for no charge? Many non-members pay the \$350 posting fee for 3 months. Just one more member benefit!

OTA Members – Are you looking to register for the 2017 Annual Meeting, a webinar or to change your mailing address? Have you logged in yet to your OTA Member menu yet? If you need help with your log-on, follow the website prompts or contact the OTA office. You will then be able to register for the 2017 Annual Meeting and also explore your customized member menu (below).

Address, Contact and Practice Information	Upcoming Events Registration
Update Username/Password	Update My Event Registrations
Members Only Documents	E-Mail Communication Preferences
Donate: Research and Education Fund	Pay Open Invoices
Donate: COTA	Invoice / Receipt History
Donate: Military	Membership Directory
Committee Rosters	Purchase JOT
Bio	Full Fellowship Directory
Fellowship Directory at a Glance	Membership Application
Log Off	

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## MEMBERSHIP COMMITTEE,

CONTINUED FROM PG. 11

Membership Directory
<b>Purchase JOT</b>
Full Fellowship Directory
Membership Application

All members not receiving the JOT inclusive with your dues are able to subscribe via their OTA member menu.

### You're invited to attend the 2017 Kathy Cramer, MD Women in Orthopaedic Luncheon

Vancouver Convention Center  
Friday- October 13, 2017 , 12:00 – 1:00 pm  
Luncheon Host Chair: Carla Smith, MD



Going to the OTA Annual Meeting? Be sure to register for this annual luncheon in honor of Dr. Kathy Cramer. Don't miss out on this delightful opportunity for good conversation, good food and good company.



### OTA Military Reception and Scholarships

OTA Military Members and Military Attendees are invited to the Military Reception on Friday, October 13th from 5:30 pm - 6:30 pm in the Level 1 Ocean Foyer of the Vancouver Convention Center.

Due to the generous support for the 2016 Military Scholarship Campaign; there was funding left to provide 9 Military Scholarships for registration for the 2017 Annual Meeting. Thank you OTA Military Scholarship Donors.

## HUMANITARIAN

*R. Richard Coughlin, MD*

The OTA has participated in the AAOS/OTA Scholars Program for the last two years. Through this program, a scholarship is awarded to eligible orthopaedic surgeons from countries with limited resources. Scholars attend the OTA Annual Meeting and participate in an observership at a US Institution. The goal of the program is to improve the quality and outcomes of orthopaedic care worldwide through education and training. Through sharing newly acquired knowledge with peers and students, scholarship alumni have facilitated professional development to impact orthopaedic patient care in their country.

The 2017 scholarship recipient is **Elisa del Socorro Salazar Alvarez, MD** from Nicaragua. Dr. Salazar Alvarez practices at a public hospital in Jinotepe, a small village 24 miles south of the capital, Managua. It is a general hospital catering to 10 different townships, both rural and urban. The second highest cause of emergency room visits is trauma. Dr. Salazar Alvarez specializes in trauma for both children and adults. Her interests also involve minimally invasive trauma surgeries that allow patients to return early to their activities and reduce complications.



Dr. Salazar Alvarez earned her medical degree at the Universidad Nacional Autónoma de Nicaragua and had fellowships in Traumatology and Arthroscopy at the Hospital Clinic i Provincial, Barcelona, Spain. She continued her orthopaedic education with a fellowship at the Children Hospital of Wisconsin, Milwaukee, Wisconsin.

She will attend the 2017 OTA Meeting in Vancouver and will have an observership at the Orthopaedic Trauma Institute at the University of California San Francisco. Dr. Salazar Alvarez is the first female recipient of this scholarship from the OTA. To learn more about how you can support this important program and allow the OTA to continue mentoring opportunities, please contact Aimee Spellman at [spellman@ota.org](mailto:spellman@ota.org).

## NOMINATING

*Steve Olson, MD*

OTA members are encouraged to make nominations for open positions to the OTA Nominating Committee at the October 12th Business Meeting. The Business Meeting will take place from 5:10pm – 6:10pm in West Ballroom AB. Those nominated shall be included on an electronic ballot, and the OTA membership will vote to confirm final election of candidates to the committee. Please note those nominated must be OTA Active or Research Members. The timeline for election of the next slate of candidates shall be:

- October 2017: Nominations taken from the floor
- November 2017: Nominating Committee elected (via electronic vote)

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## NOMINATING COMMITTEE,

CONTINUED FROM PG. 12

- December 2017 – March 2018: Committee convenes
- March 2018: Slate of Candidates to be presented to the OTA membership for approval at the Specialty Day Business Meeting.
- October 2018: New Officers/Chairs/Committee members term transition. New Officers/Chairs/Committee members term.

## PUBLIC RELATIONS

Mark Lee, MD

The OTA Public Relations committee continued its collaboration with the AAOS Communications Cabinet and AAOS PR Staff at the summer Communications Cabinet meeting. There the group met to discuss concepts for the 2018 joint public service announcement to be released in early 2018 around the AAOS Annual Meeting – the topic the AAOS/OTA chose is Home Falls. We're excited about the concepts presented and their potential to bring awareness to such an important societal issue.



This summer, the Public Relations Committee also worked with the AAOS on a Pandora ad to highlight the potential dangers

of opioids, the American Academy of Orthopaedic Surgeons created a multimedia public service campaign, including display and radio ads (:30 and :60), urging doctors and patients to exercise caution in prescribing and taking opioids. This campaign was distributed to hundreds of outdoor media signs and displays and radio stations across the U.S. in an effort to attract attention and awareness for this epidemic. The PSA has aired more than 6,600 times. This includes airtime in Philadelphia, Nashville, Des Moines, New York, Los Angeles, Dallas, Boston, and Minneapolis. The :30 second version continues to receive the most coverage.

## RESEARCH

Michael T. Archdeacon, MD

There are number of upcoming OTA Research Grant Applications and a few additional research grant opportunities. Watch for email announcements and updates to the website when the grant process opens.

### Resident Grant

Grant Cycle: June 1, 2018 - May 31, 2019

[Application process is open](#) Deadline: December 4, 2017

Resident grants up to \$20,000 are available for clinical or basic science research projects.

Eligibility: The principal investigator must be an orthopaedic resident (the co-principal investigator does NOT have to be a resident). Either the principal investigator, or co-principal investigator, must be an OTA member. The research must be conducted in North America. Note: OTA Resident Grants will not be awarded to subsidize larger on-going research projects.

### OTA Member Full Grant Pre-proposal

Grant Cycle: January 1, 2019 – December 31, 2019

Pre-proposal Application will open November 1, 2017

The following grants are available for any research issue related to musculoskeletal trauma (excluding product development):

1. Clinical Research Grants (\$40,000/year maximum for up to 2 years)
2. Basic Research Grants (\$25,000/year maximum for up to 2 years)
3. Directed Topic Research Grant (\$50,000/year maximum for up to 3 years) in the following topics:
  - Proximal Humerus Fractures
  - Effectiveness of Systemic Therapies on Healing in Systemically Impaired Patients
  - Evaluation of the Ability of the Orthopaedic Trauma Association Open Fracture classification to Predict Amputation, Infection and Soft Tissue Coverage Procedures.
  - Economic Impact of Obesity and Diabetes

Eligibility: Either the principal investigator, or co-principal investigator, must be an OTA member. The research must be conducted in North America. You may apply in more than one grant category if applicable.

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**RESEARCH COMMITTEE,**

CONTINUED FROM PG. 13

To review the complete research grant application guidelines [click here](#)

Members will be notified of invitations to submit full proposals by April 30, 2018

**OTA Research Surveys**[View Open OTA Member Research Surveys](#)

Instructions for Posting a Survey

- The OTA Research Committee and/or the OTA Research Chair and OTA President will review all survey requests.
- A brief research survey proposal (1 – 2 pages) will be required with all survey requests.
- The OTA membership will be notified by e-mail on a quarterly basis of new surveys posted on the website.
- Survey requests are limited to OTA members. IRB approval is required for surveys when applicable.
- Surveys are limited to those related to orthopaedic trauma healthcare, and should not include information regarding commercial products.
- The OTA requests that survey results be made available to the OTA membership. The survey author may request these be posted on the OTA members-only page.

**NIH Reviewer Opportunity**

AAOS Research Development Committee is seeking qualified content experts who would be willing to serve as a reviewer on NIH Center for Scientific Review study section.

[Qualifications](#)[Additional Information](#)Click [here](#) to apply before December 1, 2017[Volunteer Opportunities](#)

<http://ota.org/news-events/volunteer-opportunities/>

**COMMITTEE ON TRAUMA (COT) OF THE****AMERICAN COLLEGE OF SURGEONS***Philip R. Wolinsky, MD & Anna Miller, MD***OTA “Orange Book” Update**

The American College Surgeons (ACS) Committee on Trauma (COT) uses the “Resources for Optimal Care of the Injured Patient” (aka “the orange book”) to denote what resources are needed for Level 1, 2, and 3 trauma centers to be verified. The 2014 version is available [here](#).

The COT is currently updating the Orange Book and Chapter IX (Orthopaedic Surgery) is likely up for review next. Please submit comments on any changes you would like to see in the [public forum](#).

The ACS is particularly interested in suggestions that will help trauma centers administer orthopaedic programs, ideas that are evidence-based, and ideally implementation that can be revenue neutral. If you are interested in getting involved in the chapter rewrite or commenting to us directly, please email [Phil Wolinsky](#) or [Anna Miller](#).

**Trauma Quality Improvement Programs Update**

TQIP now has an orthopaedic focus group co-chaired by Phil Wolinsky and Anna Miller. We are charged with evaluating and giving input on the current quality of care metrics that centers are collecting data on for orthopaedic surgery (time to antibiotics for open fractures, time to debridement for open tibia fractures, time to operative fixation for femur fractures). We discussed the success of TQIP in these arenas in a [recent article](#).

Future goals include an orthopaedic-specific report in each center’s TQIP report with the addition of metrics for open tibia fracture flap coverage time and fasciotomy rates for tibia fractures.

**Alternate Pathway Update**

For non-board-certified orthopaedic surgeons who take trauma call, the American College of Surgeons requires that they be approved through the “Alternate Pathway.” We have created a pre-certification document to assist with the requirements of this pathway which is included below:

**ACS COT Orthopedic Trauma Alternate Pathway**

Part 1: Document “Equivalency” of Training in Orthopedic Surgery:

CONTINUED ON PAGE 15

Candidates must supply information/proof from their residency program that documents a similar amount of time in training as a US-trained surgeon as follows:

- a) 12 months of an internship, in any medical field, prior to beginning orthopedic training
- b) Orthopedic surgery training:
  - a. 30 months of core “thematic” training broken down as follows:
    - i. 12 months of fractures/ trauma
    - ii. 12 months of adult orthopedic surgery
    - iii. 6 months of pediatric orthopedic surgery
  - b. An additional 12 months of orthopedic surgery training:
    - i. Fellowship training in the US can count towards these 12 months only

Required documents:

Applicants should provide:

- A CV which includes a summary of their residency training program
- A letter from the training director at their residency program which includes:
- That the candidate successfully completed the training program,
- A summary of the rotations and length of training for each rotation

Letters of Recommendations

Please provide the following three letters of recommendation from your current institution:

- Trauma Program Director
- Chief of surgery/ medical director or surgeon in charge of the operating room
- Orthopedic trauma leader/orthopedic trauma division head/ chair of orthopedic surgery

If a Candidate Cannot Supply Documentation:

If they cannot demonstrate some equivalency of training, then they cannot continue through the pathway. It is not appropriate to allow dilution of quality standards, irrespective of individual skill. If needed, the person will have to go through the alternate pathway for ABOS.

## ANNOUNCEMENTS

- Congratulations to OTA’s President **Dr. Bill Ricci** who was recently named new Trauma Chief at HSS/NYP. Read the [announcement here](#).

## webinars

Missed the last webinar? OTA webinars are archived on the OTA website for free OnDemand viewing. Find them [here](#).

**August: MACRA and MIPS for Dummies**

Moderator: Doug Lundy, MD

**Upcoming 2017 Webinars** (*Schedule coming soon*)

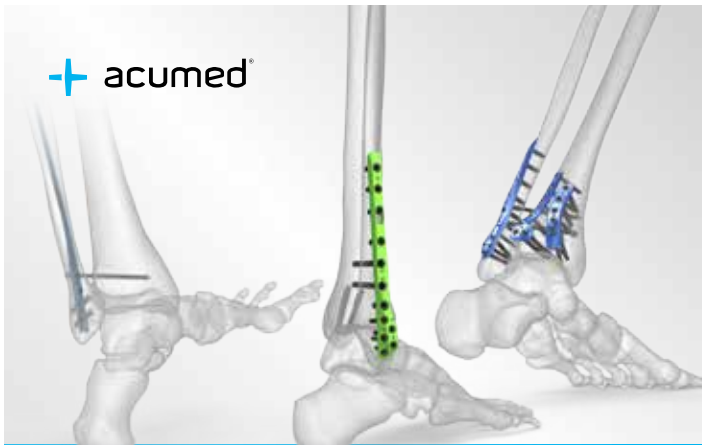
**December: Fixing the Humerus:**

**From Proximal to Distal**

Moderator: Andy Choo, MD

**Date tbd: Extensile vs. Limited Approach to Calcaneus Fracture Fixation**

Moderator: Cory Collinge, MD



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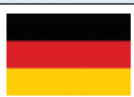








## INTERNATIONAL OTA (IOTA)

The OTA is pleased to announce the formation of International OTA (IOTA). IOTA was established this year to fulfill the following goals:

- Promote international orthopaedic and musculoskeletal trauma care, including patient care, education, and research.
- Allocate venues for and monitor progress of a triennial International Orthopaedic Trauma Association Annual (IOTA) Meeting.
- Organize a face-to-face meeting at each triennial meeting and each Orthopaedic Trauma Association (OTA) Annual Meeting.
- Provide a means for Member organizations to enhance international collaboration in research, education, teaching, and program development.

- Support the development of Orthopaedic Trauma organizations globally.

Membership is open to any organization that is the principal body representing orthopaedic trauma in its country or region. The OTA is pleased to announce the following IOTA founding members, which have been formally approved for IOTA membership. We look forward to welcoming these groups at the OTA Annual Meeting in Vancouver, and **invite Annual Meeting attendees to attend this historic signing ceremony** at the **International Reception**, which will be held on **Wednesday October 11**, in the Pan Pacific Hotel, Ocean Foyer Level 1.

	Society Name	Country
	AOA (Australian Orthopaedic Association)	Australia
	Brazilian Society of Orthopedic Trauma	Brazil
	CAOS (Chinese Association of Orthopedic Surgeons)	China
	DGU (German Trauma Society)	Germany (Berlin)
	Nederlandse Vereniging voor Traumachirurgie (NVT) (Dutch Assoc. for Trauma Surgery)	The Netherlands
	FEMECOT	Mexico
	JSFR (Japanese Society for Fracture Repair)	Japan
	OTA (Orthopaedic Trauma Association)	United States
	OTODI (Ortho. and Trauma Specialists Hospital of Italy)	Italy
	OTS (Orthopaedic Trauma Society)	United Kingdom
	SOTA-SECOT (Spanish Orthopaedic Trauma Association)	Spain
	Trauma Society of India	India



### HIRING AN ORTHOPAEDIC TRAUMATOLOGIST?

Do you have an open position at your institution for an orthopaedic traumatologist? Consider the OTA as a resource to publicize your posting.

*Member Benefit:* No charge to post a position!

Please contact [Darlene Meyer](#) in the OTA office.

## Join us in Vancouver for the Orthopaedic Trauma Association 2017 Annual Meeting

October 11-14 | Vancouver Convention Centre

Don't miss this opportunity to learn about the latest clinical and research advances in orthopaedic trauma, connect with your peers, educate yourself on new industry products and technology, and experience all that Vancouver has to offer. A modern city on the edge of a spectacular natural playground, Vancouver leaves conference attendees with a feeling of inspiration and renewed energy.

Please visit [www.ota.org](http://www.ota.org) for full OTA Annual Meeting program details.



### Orthopaedic Trauma Association

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