



THE AMERICAN ORTHOPAEDIC ASSOCIATION

AOA Annual Business Meeting

Thursday, June 22, 2017

2:00pm-3:00pm (Eastern Daylight Time)

Charlotte, North Carolina

Meeting Minutes

I. Welcome

Sanford E. Emery, MD, MBA, FAOA, President of The American Orthopaedic Association called the meeting to order at 2:00pm Eastern Daylight Time. He welcomed everyone to the meeting and proceeded to recognize the 1887 Circle members who have contributed gifts of \$50,000 or greater to the AOA through the Campaign for Tomorrow:

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| Todd J. Albert, MD, FAOA | William N. Levine, MD, FAOA |
| David C. Ayers, MD, FAOA | Terry R. Light, MD, FAOA |
| Louis U. Bigliani, MD, FAOA | Lawrence J. Marsh, MD, FAOA & Linda Marsh |
| Kevin. P. Black, MD, FAOA | Bernard F. Morrey, MD, FAOA & Carla Morrey |
| Scott D. Boden, MD, FAOA & Mary Boden | Regis J. O'Keefe, MD, PhD, FAOA |
| Michael W. Chapman, MD, FAOA & Elizabeth Chapman | Vincent D. Pellegrini, Jr., MD, FAOA & Nancy Pellegrini |
| Gregory J. Della Rocca, MDA, PhD, FACS, FAOA | Harry E. Rubash, MD, FAOA |
| Sanford E. Emery, MD, MBA, FAOA & Gwen A. Emery, MD | Thomas A. Sculco, MD, FAOA |
| C. McCollister Evarts, MD, FAOA | Michael A. Simon, MD, FAOA |
| Evan L. Flatow, MD, FAOA & Karen Flatow | Dan M. Spengler, MD, FAOA |
| Richard J. Friedman, MD, FRCSC, FAOA | Peter J. Stern, MD, FAOA |
| Alexander J. Ghanayem, MD, FAOA & Patrice Ghanayem | Marc F. Swiontkowski, MD, FAOA |
| Edward N. Hanley, Jr., MD, FAOA | James R. Urbaniak, MD, FAOA |
| Alan S. Hilibrand, MD, FAOA | Jeffrey C. Wang, MD, FAOA & Christina Wang |
| Stephen L. Kates, MD, FAOA | Rick W. Wright, MD, FAOA & Lana Wright |

Dr. Emery called special attention to donors at the Transformational and Innovator levels:

Transformational (\$1 million+)

C. McCollister Evarts, MD, FAOA

Innovator (\$100,000-\$249,999)

Sanford E. Emery, MD, MBA, FAOA & Gwen A. Emery
Vincent D. Pellegrini, Jr. MD, FAOA & Nancy Pellegrini
Michael A. Simon, MD, FAOA & Barbara Simon

Dr. Emery asked his wife, Gwen Emery, MD to stand to recognize spouses as a significant part of making such donations possible.

He asked Dr. Evarts to remain standing, recognizing him as leading the Campaign for Tomorrow with a transformational gift of one million dollars and announcing that, in recognition of Dr. Evarts's commitment, the Executive Committee has named the Resident Leadership Forum in his honor for a 10-year period.

Dr. Emery then invited Donald H. Lee, MD, FAOA, Membership Committee Chair, to the podium to introduce the AOA Membership Class of 2016:

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| Ferhan A. Asghar, MD, FAOA | Sanjeev Kakar, MD, MRCS, FAOA |
| Raffi S. Avedian, MD, FAOA | John Ketz, MD, FAOA |
| Thomas R. Bowen, MD, FAOA | Joel C. Klena, MD, FAOA |
| Dave Bozentka, MD, FAOA | Alfred C. Kuo, MD, FAOA |
| Henry M. Broekhuysen, MD, FAOA | Lee R. Leddy, MD, FAOA |
| R. Allen Butler, II, MD, FAOA | Michael Leslie, DO, FAOA |
| Felix H. Cheung, MD, FAOA | Hue H. Luu, MD, FAOA |
| Gerard J. Cush, MD, FAOA | Scott Lynch, MD, FAOA |
| Scott D. Daffner, MD, FAOA | Simon C. Mears, MD, PhD, FAOA |
| Aman Dhawan, MD, FAOA | Gregory Polkowski, MD, FAOA |
| Warren R. Dunn, MD, MPH, FAOA | William M. Reisman, MD, FAOA |
| Craig Ebersson, MD, FAOA | Marc J. Richard, MD, FAOA |
| Eric W. Edmonds, MD, FAOA | Thomas J. Scharschmidt, MD, FAOA |
| Scott Ellis, MD, FAOA | J. Milo Sowards, MD, FAOA |
| Lutul D. Farrow, MD, FAOA | Gene W. Shaffer, MD, FAOA |
| Gary B. Fetzer, MD, FAOA | Michael Wade Shrader, MD, FAOA |
| David Geller, MD, FAOA | Harvey E. Smith, MD, FAOA |
| Shawn R. Gilbert, MD, FAOA | Matthew V. Smith, MD, FAOA |
| Gregory Grabowski, MD, FAOA | Leo Spector, MD, FAOA |
| Konrad I. Gruson, MD, FAOA | Michael P. Stauff, MD, FAOA |
| Lawrence L. Haber, MD, FAOA | Eric J. Strauss, MD, FAOA |
| Daniel S. Horwitz, MD, FAOA | Peter Tang, MD, MPH, FAOA |
| Paul S. Issack, MD, PhD, FAOA | Karen Wu, MD, FAOA |

Class of 2016 members not in attendance include:

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| Sam Akhavan, MD, FAOA | Allen Peljovich, MD, FAOA |
| Craig R. Bottoni, MD, FAOA | Phinit Phisitkul, MD, FAOA |
| Stuart Braun, MD, FAOA | Kevin Raskin, MD, FAOA |
| Stephen F. Brockmeier, MD, FAOA | Eric T. Ricchetti, MD, FAOA |
| Samuel K. Cho, MD, FAOA | Karl C. Roberts, MD, FAOA |
| Christopher R. Chuinard, MD, MPH, FAOA | Vani J. Sabesan, MD, FAOA |
| David H. Clements, MD, FAOA | Mark J. Sangiminio, MD, FAOA |
| Angelo Rashard Dacus, MD, FAOA | Alexandra Schwartz, MD, FAOA |
| Robert Decker, MD, FAOA | Eric D. Shirley, MD, FAOA |
| Matthew J. Geck, MD, FAOA | Jordan L. Smith, MD, FAOA |

Brian Giordano, MD, FAOA
Cassim Ingram, MD, FAOA
Asif M. Ilyas, MD, FAOA
Ganesh V. Kamath, MD, FAOA
N. George Kasparyan, MD, FAOA
Gwo-Chin Lee, MD, FAOA
Michael J. Lee, MD, FAOA
Jason Lowe, MD, FAOA
Corey O. Montgomery, MD, FAOA
Shane Nho, MD, MS, FAOA
Gregg T. Nicandri, MD, FAOA
Nicholas O. Noiseux, MD, FRCSC, FAOA
Mark W. Pagnano, MD, FAOA
Bradford Parsons, MD, FAOA

Matthew J. Smith, MD, FAOA
Joel I. Sorger, MD, FAOA
Robert Teasdall, MD, FAOA
Gehron Treme, MD, FAOA
Wakenda K. Tyler, MD, MPH, FAOA
Christina Ward, MD, FAOA
Brian Webb, MD, FAOA
Lawrence Wells, MD, FAOA
Shane K. Woolf, MD, FAOA
Theresa O. Wyrick, MD, FAOA
Walid K. Yassir, MD, MHCM, FAOA
Kimberly Zambito, MD, FAOA
Dan A. Zlotolow, MD, FAOA

The 2016 membership class was recognized and applauded by the meeting participants.

II. President's Report

Dr. Emery asked all non-members to leave the room so that the formal business of the AOA Business Meeting could be conducted. He opened the meeting by providing some background on the AOA and its programs: 36 members founded the AOA in 1887 to foster advances in patient care, improve the teaching of orthopaedic surgeons and promote orthopaedic surgery as a discipline worldwide. While the focus and purpose of the AOA remains the same, today the AOA helps to promote leadership, innovate education, and advance the future of orthopaedics through its many programs and initiatives such as Own the Bone, a quality improvement program that brings comprehensive care to patients for more effective treatment of osteoporosis related fragility fractures across 50 states; the Council of Orthopaedic Residency Directors (CORD), dedicated to improving resident and fellow education and serving as a voice for orthopaedic educators in North America; Traveling Fellowships and the Carousel of English speaking orthopaedic associations, contributing to furthering orthopaedics across the world; and leadership development programs, expanding the skills and knowledge of members and the next generations of orthopaedic leaders.

Dr. Emery recognized and offered thanks to the Committee and Taskforce members, as well as all members who have dedicated time and service to the AOA.

Next, Dr. Emery informed the members that the AOA conducted a membership survey in the fall of 2016 that provided feedback about what members want from the AOA. The survey results indicated that members wanted more ways to be involved with the organization, networking and leadership development, a year-round mobile app, and online learning. The AOA has responded by increasing Taskforce and other workgroup opportunities, increasing the number of Regional Leadership meetings, implementing "AOA Connect" – a year-round mobile app, and offering virtual courses and webinars via the AOA's e-Institute.

III. Secretary's Report

Serena S. Hu, MD, FAOA presented the following membership information, effective as of May 2017:

1118 Active Members
 388 Emeritus Members
 29 Senior-Active Members
 4 Senior Members (formerly AOS)
 11 Corresponding Members
 9 Honorary Members
 1 Associate Member
 1 Affiliate Member

Membership numbers have remained steady at approximately 1500 over the last decade, with the average member age being 62.

In August 2016, AOA membership approved a Bylaws change allowing osteopathic colleagues to be nominated and considered for membership.

The AOA membership review process is a stringent, peer-reviewed process and fewer than 10% of practicing orthopaedic surgeons have become AOA members.

In 2016, the Executive Committee approved a Fellow of The American Orthopaedic Association designation for use in a member's credentials. The FAOA designation recognizes exceptional accomplishments and leadership in the orthopaedic specialty. It also means that, as a society, AOA members have demonstrated a commitment to leadership in the various arenas of orthopaedic practice. Dr. Hu encouraged all members to add this designation after their written signatures for professional purposes.

IV. Membership Committee Report

Dr. Lee presented the following slate of candidate members to the attending members:

Active: 88

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| Sarah A. Anderson, MD | Catherine A. Humphrey, MD | Adam J. Pearson, MD |
| Hisham Awan, MD | D. Monte Hunter, MD | James Penna, MD |
| Matthew Beal, MD | Jonathan E. Isaacs, MD | Matthew Posner, MD |
| Matthew J. Bollier, MD | Mark D. Jenkins, MD | Kristen E. Radcliff, MD |
| Thomas J. Bradbury, Jr., MD | David S. Jevsevar, MD | Todd F. Ritzman, MD |
| Charles Bush-Joseph, MD | Alan I. Jones, MD | Ricardo J. Rodriguez, MD |
| Joseph R. Carney, MD | Scott G. Kaar, MD | Peter S. Rose, MD |
| Carter Cassidy, MD | Matthew D. Karam, MD | Walter Samora, MD |
| Alexis C. Colvin, MD | Derek M. Kelly, MD | Vishal Sarwahi, MD |
| Joseph P. DeAngelis, MD | Michael P. Kelly, MD | Matthew R. Schmitz, MD |
| Gregory F. Domson, MD | Eric O. Klineberg, MD | Nicole Schroeder, MD |
| Brandon Elizabeth Earp, MD | Karl M. Koenig, MD, MS | Melinda S. Sharkey, MD |
| Josef K. Eichinger, MD | Monica Kogan, MD | Lewis S. Sharps, MD |
| Cynthia L. Emory, MD | Eric Kropf, MD | Daniel J. Solomon, MD |
| Peter Ferguson, MD, FRCSC | Theodore Toan Le, MD | Nelson F. SooHoo, MD |
| Brett A. Freedman, MD | Cassandra A. Lee, MD | Michael Swords, MD |
| Joshua L. Gary, MD | Joon Yung Lee, MD | Walter H. Truong, MD |

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| Wilford K. Gibson, MD | Paul E. Levin, MD | Lee Vander Lugt, DO |
| Nicholas J. Giori, MD | Eric Lindvall, DO | Armando F. Vidal, MD |
| Andrew Glassman, MD | Kevin Little, MD | David A. Volgas, MD |
| Gregory J. Golladay, MD | John F. Lovejoy, III, MD | James Turner Vosseller, MD |
| Ryan C. Goodwin, MD | Jeffrey E. Martus, MD | Dharmesh Vyas, MD |
| Justin K. Greisberg, MD | Mark Mason, MD | Veronica M. Wadey, MD |
| J. Speight Grimes, MD | Kristofer Matullo, MD | Kurt R. Weiss, MD |
| Robert Hampton, DO | Elizabeth Matzkin, MD | Klane White, MD |
| Michael Hartman, MD | Deana Mercer, MD | Thomas Wright, MD |
| Frank Henn, MD | Anna N. Miller, MD | Robert W. Wysocki, MD |
| Carolyn Hettrich, MD | John W. Munz, MD | Boris Z. Zelle, MD |
| James Holmes, MD | Patrick M. Osborn, MD | |
| James Huddleston, MD | Patrick Owens, MD | |

A motion was made to approve the slate. There was no opposition, and upon a motion made and seconded, attending members eligible to vote approved the Class of 2017.

Dr. Lee reminded the members that the nomination process for the 2018 membership candidates opens in July and urged them to participate.

V. Treasurer's Report

Alexander J. Ghanayem, MD, FAOA presented a summary of the financial status of the Association which is based on the approved 2016 audit and financial statements prepared by an external auditor.

Total liabilities and net assets for 2015 have been restated due to an error by the former auditor. At the end of 2016, the AOA had total liabilities and net assets of \$9,713,405. Excess revenue over expenditure in 2016 was over \$800,000. The move to the new office headquarters required a significant investment in 2014; however, recent Development efforts have helped to improve the fiscal health of the organization.

2016 saw the stock market correct itself. The AOA's investment management firm, Morgan Stanley Smith Barney, performed well and returned net earnings of \$318,802 for total holdings at year-end of \$7,004,712. The OREF endowment had a positive net return in 2016 for total holdings at year-end of \$1,702,937. OREF retains \$116,305 of Endowment assets in insurance policies and other vehicles where AOA is a partial beneficiary.

The organization has received about \$1.2 million in donations from the Campaign for Tomorrow. The AOA has a beneficial interest in a charitable remainder trust of roughly \$400,000.

VI. Development Committee Report

C. McCollister Evarts, MD, Development Committee Chair, reported on the status of the Campaign for Tomorrow, the AOA's five-year comprehensive fundraising campaign. 32 members have contributed at the 1887 Circle level of \$50,000 or more. Entering year two of the 5-year Campaign, the AOA is over 36% of the way to the \$8 million goal. Dr. Evarts thanked the many members who have support the Campaign and encouraged all members to consider a gift to the AOA.

VII. Historian's Report

Terry R. Light, MD, commemorated the members of the AOA that passed away recently and briefly summarized some of their contributions:

Wayne H. Akeson, MD, FAOA
John T.H. Johnson, MD, FAOA
Mohinder A. Mital, MD, FAOA
David B. Stevens, MD, FAOA
Robert E. Tooms, MD, FAOA

Dr. Light asked for all present to pause for a moment of silence in honor of the deceased members of the AOA.

VIII. Journal of Bone & Joint Surgery Report

Marc F. Swiontkowski, MD, FAOA reported that the number of JBJS submissions, which declined when JBJS instituted a submission fee, have rebounded back to where they were in 2013. JBJS submissions for 2016 were 2,067 up from 1,862 in 2015. The acceptance rates for JBJS scientific articles and *JBJS Case Connector* are at 18% and 44% respectively, down slightly from 2015. 45% of JBJS submissions were received from outside the United States, a 1% increase from the previous year. JBJS editor, author, and reviewer turnaround times continue to decrease.

The JBJS impact factor declined slightly in 2015 to 5.16%; however, the 5-year impact factor is over 6%. JBJS is the #6 surgery journal in the world.

JBJS has extensive relationships with the AOA. JBJS published 5 AOA critical issues papers in 2016, 10 are planned for 2017, and will continue to publish the traveling fellows reports. JBJS now has a distribution agreement with the AOA for access to JBJS journals for AOA members, is planning 2 collaborative webinars, and will publish CORD meeting abstracts in 2017.

JBJS has achieved MEDLINE indexing for JBJS Reviews and has awards for submissions for JBJS, JOPA, and JBJS EST, launched an open access journal, and has redesigned their website and updated logos.

Some other new developments include "The Hub," which is a clinical summary of the 100 most common entities in orthopaedics, increased CME activities providing webinars on demand for CME credit, a relaunch of the Virtual Recertification Course, and a new collaboration with the New England Journal of Medicine called the JBJS Clinical Classroom, an adaptive learning tool launching in late 2017.

IX. American Board of Orthopaedic Surgery (ABOS) Report

David F. Martin, MD, FAOA gave an update from the American Board of Orthopaedic Surgery.

ABOS supports the profession of orthopaedic surgery through continuous learning to improve patient care. ABOS is making a significant effort to make Maintenance of Certification (MOC) more relevant and minimize burden to its diplomates while remaining committed to the safe, ethical and effective practice of orthopaedic surgery.

In 2017, the MOC program consists of an unrestricted license and hospital and surgical privileges, continuing medical education and self-assessment examinations, some type of knowledge assessment such as a proctored examination, peer review, and a case list. This gives ABOS a good opportunity to evaluate a surgeon's practice and maintain dedication to keeping the public safe.

ABOS has not made any changes in requirements with regards to peer review; they have an attestation of patient safety and professionalism, and have tried to make recording of CME and SAE easier.

New in MOC are:

- One application/one case list/one peer review in every 10-year cycle.
- Streamlined application/case list functions.
- Expanded options to attain SAE credits.
- Practice Profiled Examinations
 - Pediatrics, orthopaedic trauma, foot and ankle.
 - Shoulder under consideration.
 - Blueprints expanded.
- General orthopaedic questions eliminated from recertification examinations.

ABOS's focus moving forward will be to continue to make its processes relevant while paying attention to the direct and indirect costs to the diplomates and trying to increase value of these programs.

New things that the ABOS is working on and partnering with the AOA include:

- ABOS/CORD surgical skills study.
- ABOS surgical skills modules for PGY-1 residents.
- Expanded surgical simulation.
- Pilot program and patient reported outcomes.

OMeGA Medical Grants Association Report

Wayne J. Sebastianelli, MD reported on the OMeGA Medical Grants Association.

OMeGA was created to award and administer grants for orthopaedic graduate medical education through an open, accessible process designed to safeguard against potential conflicts of interest and to ensure transparency in the allocation of resources.

To date, OMeGA has awarded \$21.1 million in grants in 21 fellowship and residency cycles; 160 residency grants and 680 fellowship grants have been awarded.

For 2017-2018 academic year, OMeGA awarded 127 fellowships grants, with grants in all 9 subspecialty categories; the average grant was \$22,400.

OMeGA works closely with subspecialty societies to encourage support for GME funding. Some examples of collaboration include:

- Joint letter to industry
- Meetings at AAOS annual meeting

- Increased donor recognition and appreciation
- Increasing awareness of grant availability

For the 2017-2018 academic year, programs requested \$14.55 million dollars of support and OMeGA was able to award about \$2.75 million dollars, the largest amount ever awarded. Adult reconstruction and spine were the two subspecialties receiving the most awards.

Focused donations have been requested by OMeGA donors. Subsets of larger categories have been identified such as pediatric spine, country specific support, and new programs that have not been funded in the past three years.

The developing programs category has been increasing and OMeGA has awarded 10 programs this year.

The application has been simplified and is becoming more efficient, required reports have been reduced by 33%, financial reconciliation reporting has been streamlined, and the option to report case logs is on one form per academic year.

Dr. Sebastianelli concluded his report by thanking the OMeGA sponsors:

Gold Level

- Zimmer Biomet (found supporter)
- DePuy Synthes

Silver Level

- Medtronic

Bronze Level

- Stryker

Dr. Emery then took the podium and thanked all corporate supporters.

X. Nominating Committee Report

Kevin P. Black, MD, FAOA, immediate Past President, chaired the 2016-2017 Nominating Committee. He thanked the Committee for their service and acknowledged the members:

- S. Elizabeth Ames, MD, FAOA
- Ronald W. Lindsey, MD, FAOA
- Douglas W. Lundy, MD, MBA, FAOA
- Peter J. Stern, MD, FAOA
- Ann E. Van Heest, MD, FAOA

He explained that the Nominating Committee solicited recommendations from AOA members for elected positions. The Nominating Committee members reviewed the CVs of recommended individuals considering their leadership achievements, support of diversity in orthopaedics, AOA engagement, and existing conflicts.

He reminded the members that individuals slated for Officer positions are required to adhere to requirements to terminate existing consulting royalty, or speaker bureau agreements and not

enter into any new commercial orthopaedic, medical or insurance company agreements while in office.

Dr. Black then presented the following slate:

Second President-Elect:

- Christopher D. Harner, MD, FAOA

Delegate-At-Large

- Donald H. Lee, MD, FAOA

Membership Committee Member

- Lisa A. Taitsman, MD, MPH, FAOA

ABOS (4 Nominees, 2 Alternates)

- James R. Ficke, MD, FAOA
- Robert A. Hart, MD, FAOA
- Scott E. Porter, MD, MBA, FACS, FAOA
- Raj Rao, MD, FAOA
- Rex C. Haydon, MD, PhD, FAOA (alternate)
- Ahmad N. Nassr, MD, FAOA (alternate)

He asked for any nominations from the floor. There were none, and a motion to accept the slate was made, seconded and approved.

Dr. Emery then announced that the next order of business was to nominate individuals for the 2017-2018 Nominating Committee and read the following rule:

“The AOA Bylaws provide for selection of the Nominating Committee by ballot sent out to the entire AOA voting membership, instead of selection only by the members participating at this business meeting.”

He asked for a minimum of 12 nominations for the 2017-2018 Nominating Committee and advised that a ballot containing these nominations would be sent out in the next several weeks to the full voting membership for selection of the 2017-2018 Nominating Committee.

The following members were nominated from the floor:

Elizabeth A. Arendt, MD – Minneapolis, MN
Michael S. Bednar, MD, FAOA – Maywood, IL
Scott D. Boden, MD, FAOA – Atlanta, GA
Amy L. Ladd, MD, FAOA – Redwood City, CA
L. Scott Levin, MD, FACS, FAOA – Philadelphia, PA
Gregory A. Mencio, MD, FAOA – Nashville, TN

Charles L. Nelson, MD, FAOA – Philadelphia, PA
Joshua C. Patt, MD, MPH, FAOA – Charlotte, NC
Terrance D. Peabody, MD, FAOA – Chicago, IL
Robert S. Sterling, MD, FAOA – Baltimore, MD
Scott D. Weiner, MD, FAOA – Akron, OH
Jennifer Moriatis Wolf, MD, FAOA – Chicago, IL

Dr. Emery advised that AOA membership will elect five members to the 2017-2018 Nominating Committee, which he will chair as First Past President.

I. New Business

Dr. Emery asked if anyone had any new business to share. There being no further business, Dr. Emery adjourned the meeting at 3:00pm Eastern Daylight Time.