



OTA Leadership

2024-2025 BOARD OF DIRECTORS



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FractureBook Online Textbook



Anna N. Miller, MD, FIOTA Editor-in-Chief



Hassan R. Mir. MD. FIOTA Deputy Editor-in-Chief

SINCERE THANKS TO THE FOLLOWING VOLUNTEERS **WHOSE TERMS ENDED IN 2024:**

Micheal T. Archdeacon, MD, FIOTA Kyle J. Jeray, MD Presidential Line, 2021-2024

Member at Large, 2021-2024

BOARD OF DIRECTORS

Hassan R. Mir, MD, FIOTA Chief Financial Officer, 2021-2024



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Message from the President:



A Year in Review

Douglas W. Lundy, MD, MBA, FIOTA, FACS

As I reflect on the OTA's achievements in advancing our mission and strategic plan throughout 2024, I feel an overwhelming sense of pride to be part of this exceptional organization. I am deeply grateful to our dedicated members who generously share their time, expertise, and leadership in support of our profession and the patients we serve.

There are far too many volunteers whose contributions have been instrumental to our success for me to name individually. Whether you served in a leadership role, as faculty, on a committee, as an editor, author, mentor, or industry partner—please know that your efforts are truly valued and appreciated.

I'm excited for all that lies ahead as we continue to make progress on the goals outlined in our 2023–2026 Strategic Plan. If you haven't yet had the chance, I encourage you to review my earlier messages that detail and explain the plan. And remember—the Strategic Plan was shaped by input from our members, and your continued feedback remains vital and welcome.

With sincere appreciation,

Douglas W. Lundy, MD, MBA, FIOTA, FACS

OTA President

About OTA







Mission

Empower the orthopaedic trauma community to provide the highest quality patient care through education, research, and advocacy.



Global excellence in the care of orthopaedic trauma patients.

Strategic Plan



EDUCATION:

Provide the orthopaedic trauma community and patients with high-quality, globally accessible content and education that meets their evolving needs.



RESEARCH:

Advance the care of orthopaedic trauma patients by identifying, initiating, supporting, and disseminating innovative and collaborative research.



ADVOCACY:

Advocate for high-quality trauma patient care by providing evidence and insights to inform and influence health systems and public policy.



GLOBAL PARTNERSHIP:

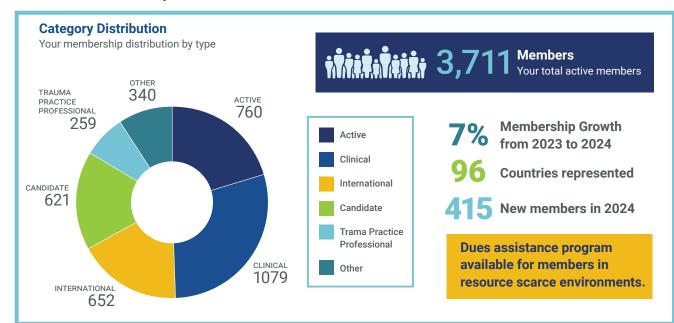
Serve as the leading resource for partners to deliver the highest possible quality of musculoskeletal trauma care worldwide.



PEOPLE:

Empower orthopaedic colleagues to thrive in their careers and lives through mentorship, professional support, and commitment to diversity, equity, and inclusion.

Membership



Journals and Publications



JOT

332,655 visits to the journal landing page

1,005 articles submitted 197 articles accepted



OTAI

43,926 visits to the website

173 articles submitted

53 articles accepted



OTA Podcast

52 episodes released

3,988 average downloads/month

734 average downloads per episode for episodes released

Podcast booth at OTA Annual Meeting



Fracture Night Case Discussions

34 Fracture Night sessions held in 2023 Average **98** participants per session



Patient Education

More than **650,000** visits to the Patient Education Website

Upper Extremity pages **translated** into Spanish

All English pages revised to **6th grade reading level**

In Memoriam



Dr. Ramon Gustilo was one of the founders of the OTA and a remarkable pioneer in the field of Orthopedics. Dr. Gustilo was an inspiration to all who had the privilege to know and work with him.

His energy and inquisitiveness were infectious and his contributions to the advancement of orthopedic care immeasurable.

The roots of the Orthopaedic Trauma
Association were planted during a lunchtime conversation between Drs. Gustilo, Bovill, and Chapman when Dr. Gustilo was visiting San Francisco General Hospital in 1977.
What started as the Orthopaedic Trauma Center Study Group (OTCSG) became the Orthopaedic Trauma Hospital Association, and ultimately the OTA. Dr. Gustilo served as the first OTA President in 1983 and 1984.



Dr. James K. Styner was an orthopaedic surgeon who created the Advanced Trauma Life Support (ATLS) course in light of a personal tragedy. This approach to initial trauma care was subsequently

adopted by the ACS Committee on Trauma in 1980. Since its inception, ATLS has been taught to more than 1 million physicians in over 88 countries and has been translated into 10 languages with the newest 11th edition currently in progress.

2024 At-A-Glance









2,236attended OTA's
40th Annual
Meeting

227
hours of
CME hours
offered

82Fracture Book

chapters launching

September 2025

resident courses offered in 2024





276
residents
participated
across courses

41
fellow attendees
participated in
the OTA
Fellows Course

12

live webinars, now available in OTA's on-demand library including 42 webinars 34

Fracture Nights
offered; with an
average of
98 attendees
per session

Annual Meeting 40th Anniversary

- <u>View</u> our 40th Anniversary Celebration Video
- **2,236** Attendees
- Special 40th Anniversary Border Lecture Esteemed OTA Past Presidents engaged in an intimate panel discussion, sharing their experiences, recollections, and their career trajectories.
- 400+ Presenters
- 73 Scientific Podium Presentations
- 216 Posters
- 3 Guest Nations: Colombia, Ukraine, and Cuba
- Welcome Reception With a commemorative history photo journal of OTA

\$763,995

reserach dollars awarded to OTA members in 2024 \$14.8M

dollars awarded since 1990, resulting in **388** publications, and in **909** presentations 26
IOTA International Society Members

50+
mentor/mentee pairs
participated in OTA
mentor programs
(including research, career
development and resident
mentor programs)

Financial Performance

2024 Sources of Income

Investment Income 19%

Membership Dues 16%

Annual Meeting 38%

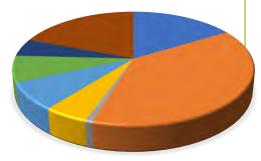
Specialty Day 1%

Courses 5%

Contributions, Grants and Donations 8%

Publications/OTA Online 8%

Other 5%



■ Balance Sheet*

	2024	2023
Assets		
Cash and Cash Equivalents	\$3,851,774.00	\$2,401,846
Investments, net	\$16,596,688.00	15,980,121
Accounts Receivables	\$363,045.00	299,707
Prepaid Expenses	\$269,251.00	193,984
Property and Equipment, net	\$241,233.00	205,481
Other Assets	\$17,903.00	71,025
Total Assets	\$21,339,894	19,152,164
Liabilities		
Accounts Payable	\$1,119,421	779,011
Deferred Income	\$705,810	537,985
Other Liabilities		86,261
Total Liabilities	\$1,825,231	\$1,403,257
Net Assets		
Without Donor Restrictions	\$18,780,817	17,025,007
With Donor Restrictions	\$733,846	723,900
Total Net Assets	\$19,514,663	\$17,748,907
Total Liabilities and Net Assets	\$21,339,894	\$19,152,164

^{*} Unaudited

Financial Performance

2024 Use of Funds

Management and Administrative 40%

Board and Committees 10%

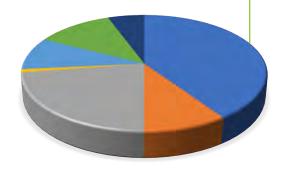
Annual Meeting 23%

Specialty Day 1%

Courses 9%

Grants and Awards 12%

Publications/OTA Online 5%



Statement of Operations

	2024	2023
Operating Revenues		
Membership Dues	\$1,425,560	1,297,198
Annual Meeting	\$3,364,972	2,919,707
Specialty Day	\$73,875	67,500
Courses	\$446,600	469,106
Contributions, Grants, and Donations	\$680,284	367,083
Publications/OTA Online	\$656,056	671,999
Other Income	\$437,237	285,954
Investment Income, net	\$1,677,122	\$2,299,869
Total Revenues	\$8,761,706	\$8,378,416
Operating Expenses		
Management and Administrative	\$2,828,615	\$2,459,712
Board and Committees	\$671,384	492,349
Annual Meeting	\$1,581,164	2,054,931
Specialty Day	\$58,390	65,495
Courses	\$640,737	676,163
Grants and Awards	\$824,324	473,038
Total Expenses	\$6,995,950	\$6,558,637
Total Net Increase	\$1,765,756	\$1,819,779

Donor Acknowledgements



Founders Circle

Launched in 2022, the Founders Circle is a donor award designation to honor members that have included gifts to the OTA in their wills and estate plans. This award is named to commemorate the 41 Founding Members of the OTA in recognition of their leadership and many outstanding contributions to both the OTA and the field of orthopaedic trauma.

We are pleased to honor the following individuals who have made a planned gift commitment to OTA:

- Dr. Jeffrey Anglen
- Michael T. Archdeacon, M.D. and Lynne M. Archdeacon
- The Cannada Family
- Dr. Kathy Cramer

- Dr. Stuart Gold
- Dr. Fred Kolb
- Douglas W. Lundy, MD and Margaret E. Lundy
- Drs. Brendan and Elizabeth Patterson
- Dr. Robert Probe
- Dr. Roy Sanders
- Dr. Daniel Schlatterer
- Dr. David Teague and Dr. Helen Gaudin
- Dr. Bruce Ziran

Lifetime Legacy Society Donors

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

Icon Level (\$50,000+)



Philip J. Kregor, MD



Ross K. Leighton, MD



Frank W. Maletz, MD



Dr. Todd W. and Mrs. Jennifer Mailly



Dr. Thomas Anthony and Gina Russell



Roy Sanders, MD



Tornetta, III, MD

Legend Level (\$25,000 - \$49,999)



Marc A. Aiken, MD



Mark J. Anders, MD



Michael T. Archdeacon, MD



Dr. Peter and Mrs. Nancy Cole



Stuart M. Gold, MD



Kyle J. Jeray, MD



Douglas W. Lundy, MD



Steven A. Olson, MD



Brendan M. Patterson, MD



Andrew N. Pollak, MD



William M. Ricci, MD



Marc F. Swiontkowski, MD



David C. Teague, MD



Heather A. Vallier, MD

Donor Acknowledgements (cont'd)



Legacy Level (\$10,000 - \$24,999)

Jeffrey O. Anglen, MD, Paul T. Appleton, MD, Atlantic Provinces Orthopedic Society, James C. Binski, MD, Yelena Bogdan, 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, Curt P. Comstock, MD, R. Richard Coughlin, MD, William R. Creevy, MD, Brett D. Crist, MD, Thomas A. DeCoster, MD, Gregory J. Della Rocca, MD, Kenneth A. Egol, MD, Florida Orthopaedic Institute, Darin Friess, MD, Michael J. Gardner, MD, Matthew R. Garner, MD, John T. Gorczyca, MD, James A. Goulet, MD, Gerald Q. Greenfield, Jr., MD, Ramon B. Gustilo, MD, Kevin P. Haddix, MD, David J. Hak, MD, David L. Helfet, MD, M. Bradford Henley, MD and Ann Rutledge, Joseph Hoegler, MD, Daniel S. Horwitz, MD, Alan L. Jones, MD, Clifford B. Jones, MD, Justin R. Kauk, MD, Alan T. Kawaguchi, MD, James F. Kellam, MD, Fred J. Kolb, MD, Philip J. Kregor, MD, Stephen A. Kottmeier, MD, Jacqueline J. Krumrey, MD, Kevin M. Kuhn, MD, Richard F. Kyle, MD, Gerald J. Lang, MD, T. Toan Le, MD, Jason Lowe, MD, Thuan V. Ly, MD, Frank W. Maletz, MD, Christiaan N. Mamczak, DO, Meir Marmor, MD, J. Lawrence Marsh, MD, R. Trigg McClellan, MD, Simon C. Mears, MD, Theodore Miclau III, MD, Anna N. Miller, MD, Hassan Riaz Mir, MD, Steven J. Morgan, MD, Saam Morshed, MD, Brian H. Mullis, MD, James V. Nepola, MD, William T. Obremskey, MD, Glenn E. Oren, MD, OrthoArizona, Dr. Robert F. and Mrs. Joan Ostrum, Robert V. O'Toole, MD, James M. Pape, MD, Michael J. Prayson, MD, Robert A. Probe, MD, J. Spence Reid, MD, Mark C. Reilly, MD, Edward K. Rodriguez, MD, Andrew Saterbak, MD, Gregory J Schmeling, MD, Andrew H. Schmidt, MD, John R. Schwappach, MD, Brian R. Sears, MD, Milan K. Sen, MD, Daniel V. Sheerin, MD, Michael S. Sirkin, MD, Gerard Slobogean, MD, Jeffrey M. Smith, MD, Scott T. Smith, MD, David C. Templeman, MD, Dr. Peter & Mrs. Frances Trafton, USCF/SFGH Orthopaedic Trauma Institute, J. Tracy Watson, MD, John C. Weinlein, MD, David S. Weisman, MD, Sharese M. White, MD, A. Paige Whittle, MD, Edward C. Yang, MD, Richard S. Yoon, MD

2024 Individual Donors

The Orthopaedic Trauma Association gratefully acknowledges the following individuals for their generous financial contributions received directly to the OTA and through OREF to support OTA fundraising initiatives.

\$50,000+

Philip James Kregor, MD

\$25,000 - \$49,999

Frank W. Maletz, MD

\$5,000 to \$24,999

Mark J. Anders, MD, Michael T. Archdeacon, MD, Mikhail Bekarev, MD, Darin Friess, MD, Kevin P. Haddix, MD, Jacqueline J. Krumrey, MD, Richard F. Kyle, MD, Anna N. Miller, MD, Hassan Riaz Mir, MD, Steven A. Olson, MD, Brendan M. Patterson, MD, Thomas A. Russell, MD, Heather A. Vallier, MD

\$1,000 to \$4,999

Jeffrey O. Anglen, MD, Edgar Teodoro Araiza, MD, Andrew R. Burgess, MD, David B. Carmack, MD, Curt P. Comstock, MD, R. Richard Coughlin, MD, William R. Creevy, MD, Colin V. Crickard, MD, Brett Duane Crist, MD, Thomas A. DeCoster, MD, Niloofar Dehghan, MD, Gregory J. Della Rocca, MD, Ashraf Nagi El Naga, MD*, Reza Firoozabadi, MD, The Sangeorzan Giving Fund, Matthew P. Gardner, MD, Matthew R. Garner, MD, Joshua Layne Gary, MD, Albert V. George, MD, Stuart M. Gold, MD, Jonathan M. Gross, MD, David J. Hak, MD, Mark Hake, MD, Justin Haller, MD, Mitchel B. Harris, MD, Ryan Kristopher Harrison, MD, Thomas F. Higgins, MD, Joseph Hoegler, MD, Daniel Scott Horwitz, MD, Joseph R. Hsu, MD, Kyle J. Jeray, MD, Utku Kandemir, MD, Matthew D. Karam, MD, Justin R. Kauk, MD, Kevin M. Kuhn, MD, T. Toan Le, MD, Kelly A. Lefaivre, MD*, Ross Kenneth Leighton, MD, Jason Lowe, MD, Douglas W. Lundy, MD, Thuan V.

Ly, MD, Christiaan N. Mamczak, MD, Meir Marmor, MD, Toni M. McLaurin, MD, Theodore Miclau III, MD, Steven J. Morgan, MD, Saam Morshed, MD, Mai Nguyen, MD, William T. Obremskey, MD, Robert F. Ostrum, MD, Robert V. O'Toole, MD, Eric L. Pagenkopf, MD, Michael J. Prayson, MD, Thomas Revak, DO, William M. Ricci, MD, George V. Russell, MD, Emil H. Schemitsch, MD, Gregory J. Schmeling, MD, Andrew H. Schmidt, MD, Prism Schneider, MD, David Shearer, MD, Daniel Vinson Sheerin, MD, Gerard P. Slobogean, MD, Scott T. Smith, MD, Clay Spitler, MD*, Marc F. Swiontkowski, MD, Lisa A. Taitsman, MD, David C. Teague, MD, Joseph Tejan, MD, Nirmal C. Tejwani, MD, Paul Alexander Toogood, MD, Paul Tornetta III, MD, Rahul Vaidya, MD, Michael John Weaver, MD*, John Charles Weinlein, MD, David S. Weisman, MD, Ryan E. Will, MD, Zachary Mark Working, MD, Richard S. Yoon, MD, Brandon Yuan, MD

\$250-\$999

Elizabeth Ackerman, MD, A. Herbert Alexander, MD, Peter Althausen, MD, Daniel T. Altman, MD, Scott R. Bassuener, MD, Brent J. Bauer, MD, James C. Black, MD, Marissa Bonyun, MD, Julius S. Brecht, MD, Bruce R. Buhr, MD, Lisa Kaye Cannada, MD, Kathleen Caswell, Michael W. Chapman, MD, Brad Joseph Chauvin, MD, Anthony Christiano, MD*, Azad Dadgar-Dehkordi, DO, James DeBritz, MD, Eliana Delgado, MD, Derek J. Donegan, MD, Sara Edwards, MD*, W. Andrew Eglseder, MD, Andrew R. Evans, MD, Maureen A. Finnegan, MD, Lee Ann Finno, MD*, Harold Michael Frisch, MD, Mark Gage, MD, Richard Evan Gellman, MD, James Michael Glenn, MD, John T. Gorczyca, MD, Gerald Q. Greenfield, MD, Edward J. Harvey, MD, Roman A. Hayda, MD, Catherine A. Humphrey, MD, Todd Jaeblon, DO, Aaron J. Johnson, MD, Clifford B. Jones, MD, Noah M. Joseph, MD, Michael Kain, John P. Ketz, MD, Gerald J. Lang, MD, Milton Thomas Michael Little, MD, J. Lawrence Marsh, MD, James Mautner, MD, Mark McAndrew, MD, R. Trigg McClellan, MD, Kevin C. McLeod, MD*, Mark McMahan, Charles N. Moon, MD, Matthew A. Mormino, MD, Joshua Namm, MD*, Jason W. Nascone, MD, Roman M. Natoli, MD, Nathan Olszewski, MD, James M. Pape, MD, Paul William Perdue, MD, Benjamin Kyle Potter, MD, Matthew D. Putnam, MD, Jonathan H. Quade, MD, Augustine Mark Saiz, MD, John R. Schwappach, MD, Marcus F. Sciadini, MD, John Alan Scolaro, MD, Milan K. Sen, MD, Babar Shafiq, MD, Sapan Shah, MD, Justin Cain Siebler, MD, Karl Frank Siebuhr, MD, James P. Stannard, MD, Max Talbot, MD, Jason Tank, MD, Justin Vaida, MD, Arvind von Keudell, MD, Adam Warren, MD, J Tracy Watson, MD, David Brian Weiss, MD, Robert Lane Wimberly, MD, Mark Chu Xu, MD*, Edward C Yang, MD

Up to \$250

Dino Aguilar, MD, Ruben Escarraman Alonso, MD*, Abrar Adil Ansari, DO, Merlin Omar Antunez Vasquez, MD, Leslie M. Barnes Remski, MD, Emily Benson, MD, James Alan Blair, MD, Daniel John Coll, PA-C, Alexander Manuel Crespo, MD, Stephen Lawrence Davis, MD, David M. Dromsky, MD, Andrew David Duckworth, MD, Christopher Farrell, MD*, Rolando Gerardo Fausto Dela Cruz, MD, Gunnar Birkeland Flugsrud, MD, Brianna R. Fram, MD, Eric W. Fulkerson, MD, Ariel Goldman, MD, Ashok Raju Gottemukkala, MBBS, Andrew W. Grose, MD, Robert Gunderson, DO, Armodios Hatzidakis, MD, William Hennrikus, MD, Giselle Marie Hernandez, MD, Cherie A. Holmes, MD, Shepard R. Hurwitz, MD, Ali Jarragh Jarragh, MD, Vwakya Wanzou Jean-Paul, MD*, Peter Kazmier, MD, Peter Carl Krause, MD, Drew Krumm, MD, Anton M. Kurtz, MD, Joseph Michael Lane, MD, Ashley Elizabeth Levack, MD, Matthew B. Mellon, MD, Jared L. Michalson, MD, Gele Moloney, MD, James V. Nepola, MD, Brent L. Norris, MD, Yaw Obeng-Nsiah, MD*, Bryant Will Oliphant, MD, Elizabeth J. Plummer, Nicholas Quercetti III, DO, Jose M. Ramirez Gomez, MD, J. Spence Reid, MD, Regis Louis Renard, MD, Joseph Peter Scheschuk, MD, Emersom Nagib Sessin Tavares, MD, Jefrey Mark Smith, MD, Carla S. Smith, MD, Ciaran Stanley*, Christopher M. Stewart, MD, Rena L. Stewart, MD, Todd A. Swenning, MD, Sudeep Taksali, MD, Esteban Vallejo Tamayo, MD*, Rosie Tingpalpong*, J. Andrew Trenholm, MD, Karen Melissa Trochez, MA*, Blake R. Turvey, MD*, Thomas F. Varecka, MD, Timothy G. Weber, MD, A. Paige Whittle, MD, Taylor Matthew Yong, MD*, Lu Zhang, MD, Marc A. Zussman, MD

*Denotes first time donor Contributions as of Dec. 31, 2024









Donor Acknowledgements (cont'd)

Corporate and Foundation Donors

We are proud to recognize the corporate and foundation donors who have contributed in 2024. Your support makes a lasting impact!

OTA sincerely thanks our industry partners for their invaluable contributions to orthopedic trauma education and research.

Explore the full list of how our Industry Partners have helped advance your OTA education!

Platinum Level Award



Gold Level Award

Johnson&Johnson MedTech

SmithNephew









Silver Level Award





Copper Level Award









Titanium Level Award















And Thank You To

ORGANOGENESIS

OTA Keystone Honor Award



OTA Keystone Honor Award

Recognizing the profound impact that many individuals within the OTA have had on shaping careers and lives, we are establishing the "OTA Keystone Honor" as a way for mentees to honor the life-changing contributions of their mentors. This initiative provides a meaningful platform to express gratitude, celebrate the guidance and support that have defined countless professional journeys, and further the legacy of those who have served as keystones in advancing the field. Through this recognition, we aim to solidify the lasting influence of these mentors while supporting continued growth and excellence of the OTA.

For more information about the OTA Keystone Honor nomination process <u>click here</u>. To nominate your mentor, <u>click here</u>.

Congratulations to OTA Keystone Honor Awardee – Emil Schemitsch, MD, FIOTA

Dr. Emil Schemitsch is Chair of the Department of Surgery, Schulich School of Medicine & Dentistry, Western University and Chief of the Department of Surgery for London Health Sciences Centre and St. Joseph's Health Care London. Dr. Schemitsch is an Affiliate Scientist at the Keenan Research Centre of the Li Ka Shing Knowledge Institute and past head of the Division of Orthopaedic Surgery at St. Michael's Hospital. A University of Toronto graduate in Medicine, Dr. Schemitsch completed his orthopaedic training at the University of Toronto. To broaden his clinical exposure, he trained at the University of Washington (Harborview Medical Center) and Harvard University.

Dr. Schemitsch has been Program Chair of numerous academic national and international meetings. He founded the Basic Science Focus Forum, the primary forum for the dissemination of basic science research related to trauma, of the Orthopaedic Trauma Association. Dr. Schemitsch is on the Editorial Board for the Journal of Orthopaedic Trauma and is the Editor-in-Chief for OTA International. Dr. Schemitsch has been a senior member of the Canadian Orthopaedic Trauma Society and has been on the steering committee of numerous trials that have changed practice in Orthopaedic Trauma. Dr. Schemitsch's program of research in musculoskeletal trauma and arthritis has led to more than 630 publications in top journals, numerous grants (CIHR, PSI, OTA, AO, and OMEGA) and hundreds of guest lectures around the world.

**Dr. Schemitsch's leadership role in Basic Science is foundational for the advancement made in our field and his support and commitment in this area is critical to our mission and vision. **

-Frank Maletz, MD

Key Accomplishments









ADVOCACY

STRATEGIC PLAN GOAL: Advocate for high-quality trauma care by providing evidence and input to inform and influence health systems and public policy.

- Established a **Firearm Injury Task Force** with a focus on injury prevention. Three OTA members appointed to the ACS Healthcare Coalition Work Groups Initiative.
- Awarded \$20,000 in patient mental health grants across four programs since 2022.
- Held the **3rd Annual High School Scholars program**, expanding orthopaedic exposure for local high school women and underrepresented minority students.
- Transitioned Moral Injury, Advocacy, and Member Well-Being from a project team to an appointed OTA Committee.
- Completed the <u>OTA Playbook for Career Satisfaction</u>, addressing moral injury and burnout.
- Increased engagement in the **Physician Well-Being Index**, with 10% of total members participating and 50% reassessment participation among previously assessed members.
- Facilitated mentorship through the YOTS Committee, pairing 13 resident mentors and 21 early career mentors.
- Key Advocacy efforts by the AAOS Office of Government Relations, supported by OTA:
 - Successfully reduced the Medicare conversion factor cut from 3.4% to 1.7%.
 - Supported new legislation to be introduced addressing prior authorization and physician-led hospitals under the No Surprises Act.









EDUCATION

STRATEGIC PLAN GOAL: Provide the orthopaedic trauma community and patients with high-quality, globally accessible content and education that meets their evolving needs.

- Celebrated OTA's 40th Anniversary Meeting in October, marking the highest attendance to date with over 2,200 participants.
- Successfully hosted **three renowned resident courses and one fellow's course**, maintaining OTA's commitment to high-quality education.
- Delivered the **2nd Annual Virtual International Resident Course**, expanding global access to premier orthopaedic training.
- Finalized plans for the launch of a new 2025 Arthroplasty Course for Fracture Surgeons.
- Made significant strides toward the **September 2025 launch of FractureBook**, OTA's comprehensive online living textbook. Featuring **82 chapters, multimedia resources, surgical technique videos, and OrthoCorps interviews**, FractureBook will be offered **free of charge** to all users.
- Completed a **comprehensive review of OTA's educational offerings**, identifying gaps and implementing strategic improvements to enhance content quality and impact.
- Redesigned OTA Online to improve content organization, accessibility, and user experience.

RESEARCH

STRATEGIC PLAN GOAL: Advance orthopaedic trauma care by identifying, initiating, supporting, and disseminating innovative and collaborative research.

- Awarded \$763,995 in research grants in 2024.
- 17 matches in our Research Mentorship Program resulting a total of 43 pairs since 2020
- Formation of the Research Executive Committee (REC)

Reserach Grant History Since Inception

510 Research grants awarded totaling

\$14.8M

900+
presentations
resulting from OTA
grant funding

380+
publications
resulting from OTA
grant funding

Over \$110.4M of additional grant awards to studies













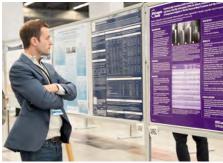






Key Accomplishments (cont'd)







OTA 2024 Members Full Grants

A Pilot Randomized Controlled Trial Comparing Flap Coverage Within 72 hours Versus Standard of Care in Type IIIB Lower Extremity Open Fractures

Principal Investigator: Lily Mundy, MD Co-Investigator: Mark Gage, MD

Awarded Funds: \$79,999 | Funded by: The AirCast Foundation

Grant Type: Clinical.

Does Nutrition Supplementation Improve Muscle Physiology in Older Adults with Hip Fracture?

Principal Investigator: Michael Willey, MD

Co-Investigator:

Awarded Funds: \$80,000 | Funded by: OTA

Grant Type: Clinical

IA Pilot Randomized Controlled Trial Comparing Internal Fixation Versus Nonoperative Care of LC1 Pelvic Fragility Fractures Using Pelvic Binder Stress Radiography

Principal Investigator: Joseph Patterson, MD

Co-Investigator:

Awarded Funds: \$80,000

Funded by: SI-Bone, Inc./\$5,000 | Funded by: OTA/\$75,000

Grant Type: Clinical

Human Endothelial Progenitor Cells for Bone Healing

Principal Investigator: Aaron Nauth, MD **Co-Investigator:** Emil Schemitsch, MD, FIOTA **Awarded Funds:** \$49,994 | **Funded by:** OTA

Grant Type: Basic

Single vs. Dual Implant Fixation for Distal Femur Fractures in Older or Compromised Adults: A Preliminary Feasibility Randomized Controlled Trial

Principal Investigator: Emil Schemitsch, MD, FIOTA

Co-Investigator: Aaron Nauth, MD

Awarded Funds: \$79,400 | Funded by: OTA

Grant Type: Clinical

Post-surgical Outcomes with Anabolic Agent Use in High-risk Ankle Fractures

Principal Investigator: Prism Schneider, MD, PhD, FRCSC

Co-Investigator: Paul Duffy, MD

Awarded Funds: \$80,000 | Funded by: OTA

Grant Type: Clinical

Does Operative Management of Fragility Fractures of the Pelvic Ring Improve Patient Outcomes

Principal Investigator: Aresh Sepehri, MD **Co-Investigator:** Gerard Slobogean, MD, MPH **Awarded Funds:** \$79,125 | **Funded by:** OTA

Grant Type: Clinical

Characterization of Human Skeletal Stem Cells in Long Bone Fractures: A Prospective, Multicenter Pilot Study

Principal Investigator: Augustine Saiz, MD **Co-Investigator:** Thomas Ambrosi, BS **Awarded Funds:** \$50,000 | **Funded by:** OTA

Grant Type: Basic

OTA International Grant

Use of Antibiotics-Cement Coated Plate in the Treatment of Gustilo-Anderson Type III Long Bone Fractures in Low- and Middle-Income Countries vs External Fixation: A Randomized Control Trial

Principal Investigator: Oluwasegun Aremu **Co-Investigator:** Olugboyega Oyewole, Olayinka

Oyewole, Adeleke Ifesanya

Awarded Funds: \$15,379 | Funded by: OTA

Country: Nigeria

OTA 2024 Resident Awarded Grants

A Novel Antibiotic to Reduce Fracture-Related Infection in a Murine Model

Principal Investigator: Nicolas Tucker, MD **Co-Investigator**: Tu Cyril Mauffrey, MD, FACS **Awarded Funds**: \$3,542 | **Funded by**: OTA

Grant Type: Clinical

Exploring the Impact of Preoperative Antibiotic Administration on Infection Control and Culture Positivity in Musculoskeletal Infections: A Preclinical Investigation

Principal Investigator: Lauren Luther, MD

Co-Investigator: William Obremskey, MD, MPH, FIOTA

Awarded Funds: \$19,685

Funded by: FOT/\$10,000 | **Funded by:** OTA/\$9,685

Grant Type: Basic

Prospective Evaluation of the Effects of Traumatic Brain Injury on Long Bone Fracture Healing

Principal Investigator: Gareth Ryan, MD

Co-Investigator: Prism Schneider, MD, PhD, FRCSC **Awarded Funds:** \$20,000 | **Funded by:** Johnson & Johnson MedTech/\$8,000 | **Funded by:** OTA/\$12,000

Grant Type: Clinical

Does Anemia Impact Endochondral Ossification During Clinical Fracture Healing and Can Iron Therapy Provide Rescue? Blending of a Novel Serum Fracture Biomarker in Conjunction With an Established Randomized Controlled Trial

Principal Investigator: Catherine Hutchison, MD

Co-Investigator: Zachary Working, MD

Awarded Funds: \$20,000 | Funded by: FOT/\$10,000 Funded by: Solventum/\$5,000 | Funded by: OTA/\$5,000

Grant Type: Basic

Investigation of Xenogeneic Endothelial Progenitor Cell Therapy for Fracture Healing – A Pilot Project

Principal Investigator: Matthew Raleigh, MD

Co-Investigator: Aaron Nauth, MD

Awarded Funds: \$19,929.24 | **Funded by:** Zimmer Biomet/\$10,000 | **Funded by:** OTA/\$9,929.24

Grant Type: Basic

Enhancing Fracture Healing in a Hindlimbunloaded Polytrauma Mouse Model Using Mesenchymal StemCells

Principal Investigator: Hannah Day, MD **Co-Investigator:** Augustine Saiz, MD

Awarded Funds: \$20,000

Funded by: Zimmer Biomet/\$10,000

Funded by: OTA/\$10,000 Grant Type: Basic

Consequences of Anemia on fracture Healing Biology and callus Strength in a Murine Model

Principal Investigator: Natasha McKibben, MD **Co-Investigator:** Zachary Working, MD **Awarded Funds:** \$20,000 | **Funded by:** FOT

Grant Type: Basic

Are Apple Health Mobility Metrics Responsive to Changes in Activity Induced by Lower Extremity Fractures?

Principal Investigator: Brian Shear, MD **Co-Investigator:** Nathan O'Hara, PhD, MHA

Awarded Funds: \$20,000 | Funded by: FOT/\$10,000

Funded by: OTA/\$10,000 Grant Type: Clinical

OTA Young Investigator Grant

Inflammatory Effects of Polytrauma on MSC Fracture Healing

Principal Investigator: Augustine Mark Saiz, Jr., M.D.

Co-Investigator:

Awarded Funds: \$26,942 | Funded by: OTA

OTA Patient Wellness Grant

Optimizing Fracture Clinics by Having Social Workers Provide Mental Health Support to Fracture Patients

Principal Investigator: Sheila Sprague
Co-Investigator: Jonathan Bramson
Awarded Funds: \$5,000 | Funded by: OTA

Multidisciplinary Peer Amputee Mentorship Programming

Principal Investigator: Elizabeth Duckworth
Co-Investigator: Elizabeth Schulwolf
Awarded Funds: \$5,000 | Funded by: OTA

OTA-Funded Journal Supplements

OTA International:

- OTAI: IOTA First Triennial Meeting
- 2022 Basic Science Focus Forum
- 2022 International Trauma Care Forum
- Open Tibial Shaft Fractures
- IOTA: Rehabilitation after Musculoskeletal Injury

Journal of Orthopaedic Trauma:

- 9th Annual OTA Video Supplement
- Embracing a New Horizon in Orthopaedic Surgery: Chest Wall Injury and the Surgical Stabilization of Rib and Sternum Fractures



Global Partnerships



STRATEGIC PLAN GOAL: Serve as the leading resource for partners to deliver the highest possible quality of musculoskeletal trauma care worldwide.

Global Relations

- OTA welcomed Colombia, Cuba, and Ukraine as the 2024 Guest Nations. They presented at the International Trauma Care Forum and during the Annual Meeting general session.
- Two Humanitarian Scholars were selected and attended the 2024 Annual Meeting: Mohamed Fathy Elkhosousy, MD from Egypt and Dr. Marcella Ryan-Coker, MBChb, MSc, MMed from Kenya.
- The first-ever Emerging Global Leaders OTA Women's (EGLOW) Fellowships were awarded to Gladys Ngondo, MavMed from Malawi and Olukemi Lawani, FWACS from Nigeria. They were selected from a large pool of highly-qualified applicants to attend the Annual Meeting and complete an observership with an OTA member.

International OTA (IOTA)

- **Expanded IOTA membership to 26 societies,** strengthening global collaboration in orthopaedic trauma.
- Confirmed the second IOTA Triennial Meeting to be hosted alongside FEMECOT's Annual Congress in Guadalajara, Mexico, from October 21-25, 2025.
- Approved over **170 FIOTA nominations from 25 IOTA members societies**, who will be formally inducted at a ceremony during the 2025 Triennial Meeting.
- Authored an OTAI supplement titled Rehabilitation after Musculoskeletal Injury: International Perspective, featuring collaborative insights from member societies across Europe, Israel, South Africa, Asia-Pacific, Latin America, the United States, and Canada.
- Presented two symposia at the OTA 2024 Annual Meeting:
 - Rehabilitation Systems: A Global Comparison (Int'l Trauma Care Forum Symposium)
 - Unstable Pelvic Fractures in Patients with Hemodynamic Instability: Global Treatment Controversies

IOTA Society Members









Argentine Association of Orthopedic Trauma (AATO)



Australian Orthopaedic Association (AOA)



Belgian Orthopaedic Trauma Association (BOTA)



Brazilian Society of Orthopedic Trauma



Chinese Orthopaedic Elite Club (COEC)



Colombian Society of Orthopaedic Surgery and Traumatology (SCCOT)



Cuban Society of Orthopedics and Trauma (SCOT)



Ecuadorian Society for Orthopaedics and Traumatology (SEOT)



German Trauma Society (DGOU)



Hellenic Association of Orthopaedic Surgery and Traumatology (HAOST)



Trauma Society of India



Indonesian Orthopaedic Association (IOA)



Israeli Orthopaedic Trauma Society



Orthopaedic and Trauma Specialists Hospital of Italy (OTODI)



Japanese Orthopaedic Trauma Association (JOTA)



Korean Fracture Society



Mexican Federation of Orthopedic and Traumatology Colleges (FEMECOT)



Dutch Association for Trauma Surgery (NVT)



Orthopaedic Trauma Association (OTA)





Orthopaedic Trauma Society United Kingdom (OTS)



Pakistan Orthopaedic Association (POA)



South African Orthopaedic Trauma Society (SAOTS)



South Sudan Orthopaedics and Trauma Society (SOTS)



Spanish Orthopaedic Trauma Association (SOTA-SECOT)



Swiss Trauma Society (STS)



Taiwan Orthopedic Trauma Association



Venezuelan Society of Orthopedic Surgery and Traumatology (SVCOT)

2024 Humanitarian Scholars and EGLOW Fellows



Mohamed Fathy Elkhosousy, MD EGYPT

Abstract title: Management of Bone Defects of Long Bones Following Gun Shot Injuries Using Different Reconstruction Techniques, A Comparative Study

Observership: London Health Sciences Center, London, Ontario, Canada





Marcella Ryan-Coker, MBChB, MSc, MMed KFNYA

Abstract title: Standard or Fin SIGN Nail? Which Option is More Practical for the Treatment of Femoral Fractures Using Retrograde Nailing Approach?

Observership: Sunnybrook Health Sciences Center, Toronto, Ontario, Canada





Senyo Gudugbe, MD GHANA

Abstract title: Surgical Strategies in Sequestrectomy: An Analysis of Rotational Flap Versus Bone Cement in Stage III Chronic Osteomyelitis





2024
Emerging Global
Leaders – OTA
Women's (EGLOW)
Fellowship Recipients



Gladys Ngondo, MavMed MALAWI Observership: Sunnybrook Health Sciences Center, Toronto, Ontario, Canada



Olukemi Lawani, MBBS, FWACS NIGERIA



2024 Awards

PEOPLE STRATEGIC PLAN GOAL:

Empower orthopaedic colleagues to thrive in their careers and lives through mentorship, professional support, and commitment to diversity, equity, and inclusion.











Annual Meeting Awards

Congratulations to the following 2024 Annual Meeting Award Winners!

Bovill Award

Awarded annually to the author(s) of the most outstanding OTA Annual Meeting scientific podium

Is Aspirin an Effective Thromboprophylaxis in High-Risk Patients? A Comprehensive Subpopulation Analysis of the PREVENT CLOT Study

Authors: Sandip P. Tarpada, MD; Nathan N. O'Hara, PhD, MHA; Deborah M. Stein, MD; Anthony DeSantis; Renan C. Castillo, MD; Katherine Frey, PhD; Gerard P. Slobogean, MD, MPH; Leah Gitajn, MD, MS; Greg E. Gaski, MD; Laurence Kempton, MD; Conor P. Kleweno, MD; Joseph Cuschieri, MD; Ashley Christmas; Jeffrey A. Claridge; Debra Marvel, MA; Robert V. O'Toole, MD; and METRC

Resident Podium Memorial Award

Awarded to the best resident led and presented scientific podium

It Is Feasible and Effective to Deliver Brief Mindfulness Training Recordings to Orthopaedic Trauma Patients: Results from a Pilot RCT

Authors: Luke A. Myhre, MD; David L. Rothberg, MD; Rachel Hess; Justin Haller, MD; Thomas F. Higgins, MD; Adam W. Hanley, PhD; Lucas S. Marchand, MD

Best International Podium

Delayed Surgery Increases the Rate of Infection in Closed Long Bone Fractures in Low- and Middle-Income Countries

Authors: Francisco Gomez Alvarado, BA; Babapelumi Adejuyigbe, BS; Aditya K. Subramanian, BS; Jamieson M. O'Marr, MSc; Michael J. Flores, MD; Patricia Rodarte, BS; Hannah Elsevier, MD; Abigail Cortez, MD; Mayur Urva, MD; Saam Morshed, MD, PhD, MPH; David Shearer, MD, MPH

Best Basic Science Podium

IL-1 Receptor Antagonist Rescues Chondrocytes from Cellular Death Following Intra-Articular Fractures in a Porcine Pilon Fracture Model

Authors: Tyler J. Thorne, MD; Willie Dong, BS; Eleanor Sato, MD; Dillon C. O'Neill, MD; Joseph Featherall, MD; Lillia Steffenson, MD; Aaron L. Olsen, DVM, PhD; Justin Haller, MD

Annual Meeting Highlight Podium Awards A Randomized Controlled Trial of Locked Plating Versus Retrograde Nailing for Periprosthetic Distal Femur Fractures

Authors: Aaron Nauth, MD; Rosa Park, MD; Michael D. McKee, MD; Jeremy Hall, MD; Amir Khoshbin, MD; Milena Vicente, RN; Jennifer Hidy, BS; Matthew Raleigh, MD; Ashmanie Brijmohan; Emil H. Schemitsch, MD, FIOTA; Canadian Orthopaedic Trauma Society (COTS); Periprosthetic Distal Femur Fracture Investigators

Tip-Apex Distance (TAD) <10 mm and Apex-to-Center <4 mm as a Risk Factor for Cut-Throughs in Intertrochanteric Hip Fracture Fixation

Authors: Arielle R. Levine, MS; Trevan K. Klug, BS; Matthew Riedel, MD; Michael P. Leslie, DO

The HUmeral Shaft Fracture FIXation (HU-FIX) Study: A Prospective Randomized Trial of Operative Versus Nonoperative Management of Fractures of the Humeral Diaphysis

Authors: William M. Oliver, MD; Katrina R. Bell, MBChB; Thomas Carter, MD; Timothy O. White, MD; Nicholas D. Clement, MBBS; Andrew D. Duckworth, PhD; Samuel Molyneux

Early Versus Delayed Weightbearing Following Operatively Treated Ankle Fracture (WAX): A Randomized Controlled Trial and Health Economic Evaluation

Authors: Christopher Bretherton; Xavier L. Griffin, PhD; WAX Trial investigators

Comparison of Patellofemoral Chondromalacia Between the Suprapatellar and Infrapatellar Techniques of Tibial Nailing

Authors: Samarth Mittal, MBBS; Aditya Chaubey; Apoorva Praveen Kabra, MBBS; Buddhadev Chowdhury; Vivek Trikha, MD

2024 Awards

■ Distinguished Member Awards

Congratulations to the 2024 Membership Award Winners!



Ms. Julie Agel



James F. Kellam, MD

Lifetime Achievement Award

The Lifetime Achievement Award shall honor an OTA member who has dedicated their career to orthopaedic trauma and whose overall contributions to the profession have made outstanding, long-lasting and impactful improvements to orthopaedic trauma education and research, and patient care.



Toni M. McLaurin, MD

DEI and Health Disparities Research and Leadership Award

Awarded to an individual who has made substantial contributions to advancing DEI and health disparities in the field of orthopaedic trauma through participation and excellence in research and education, and outstanding leadership and mentorship.



David C. Goodspeed, MD

Mentorship Award

Awarded to an individual who has contributed to the clinical, academic and professional growth of OTA member(s) via mentorship.



Danielle Ries de Chaffin, MD

Community Surgeon Award

Awarded to an individual who has demonstrated outstanding community orthopaedic contributions, dedicated his/her professional life to excellence in research and education at all community levels, and possess personal qualities of integrity, compassion and leadership in orthopaedic trauma.



\$575,000
in industry support and we were able to fund
31 programs.

Center for Orthopaedic Trauma Advancement (COTA)

The Center for Orthopaedic Trauma Advancement (COTA) was chartered in 2009 to serve as a non-conflicted intermediary to distribute support for fellowships and postgraduate education from unrestricted grants donated by industry.

COTA has secured funding to provide support for orthopaedic trauma fellowships in the United States. Funding will be determined on the basis of the quality of the fellowship program and is expected to be a competitive process. The COTA board has established a committee to review applications and distribute grants. Grants will range between \$2,000 and \$75,000 and will be awarded annually based upon the program application in the first year and the program application as well as the report of the graduating fellow in subsequent years.

Since its inception in 2009 through April 2024, COTA has awarded more than \$14,000,000 in fellowship funding to over 400 trauma fellowship programs, those being both full and partially funded programs. COTA decisions regarding the number of orthopaedic trauma fellowship grants will be determined by commitments received from industry during the selection meeting in March of each year.

COTA is grateful for the financial support for the 2024-2025 awards:

Johnson & Johnson Med Tech



SmithNephew



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Secretary/ Treasurer: Yelena Bogdan



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