

**Michael D. Baratz, MD**

Paid consultant  
Medical/Orthopaedic publications editorial board

Medacta  
Journal of Arthroplasty - Elite Editor

**Brian R. Hamlin, MD**

Paid consultant  
Medical/Orthopaedic publications editorial board

Smith+Nephew, DePuy Synthes  
Editor: Journal of Arthroplasty

**Kenneth B. Mathis, MD**

Speakers bureau/paid presentations  
Research support as a Principal Investigator, Paid consultant

TJO, Smith+Nephew  
Smith+Nephew

**Robert M. Molloy, MD**

Speakers Bureau/Paid Presentations  
Paid consultant

Stryker  
Stryker

**Ahmad Abbaszadeh, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Alexander J. Acuña, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Kyle J. Adams, MS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Murillo Adrados, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Amil R. Agarwal**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Vinay K. Aggarwal, MD**

Paid consultant, Research support

Zimmer

**Erden Ali**

This individual reported nothing to disclose

This individual reported nothing to disclose.

**Bryce C. Allen, MD**

Board or committee member  
Research support

AAOS  
Anika Orthopedics, Stryker

**Aymen Alqazzaz, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Lucas A. Anderson, MD**

Royalties  
Researcher  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options

Orthogrid  
Zimmer, Stryker, Medacta  
Stryker  
Medacta  
OrthoGrid

**Nicholas C. Arpey, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Armin Arshi, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty Editorial Board

**Itay Ashkenazi, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Philip H. Aurigemma, MD**

Board or Committee Member  
Royalties  
Publishing royalties, financial or material support

UMass Educational Committee, American Society of  
Echocardiography Program Committee  
UptoDate  
Mosby Publishers for the textbook Cardiology

**Ayomide M. Ayeni, BS**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Ibrahim Azboy, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Colin M. Baker, DO**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Trevor R. Banka, MD**

Paid consultant

Zimmer Biomet

**Ali Bayan**

Paid Consultant

Did education consultancy for Stryker and Lima. Not related to  
publications

**Hany S. Bedair, MD**

Stock or stock Options  
Paid consultant  
IP royalties  
Publishing royalties, financial or material support  
Research support

DEF Medical, Osteon Holdings  
Exactech, Inc, Smith & Nephew  
Exactech, Inc, Smith & Nephew  
Wolters Kluwer Health - Lippincott Williams & Wilkins  
Zimmer

**Nicholas A. Bedard, MD**

Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

AAHKS FARE Grant  
Stryker  
JOA Editorial Board  
AAHKS Evidence-Based Medicine Committee

**Courtney D. Bell, MD**

Speakers Bureau/Paid Presentations  
Paid consultant

Smith+Nephew  
Smith+Nephew

**Jaime L. Bellamy, DO, MS**

Board or committee member  
Publishing royalties, financial or material support  
Editorial or governing board

AAHKS, AAOS, Pride Ortho  
Elsevier  
JOA

**Ilya Bendich, MD**

Research support

DePuy, Stryker

**Daniel J. Berry, MD**

Royalties  
Research support as a Principal Investigator  
Paid consultant

Depuy Synthes a Johnson and Johnson Company  
NIH P30 Center Grant  
BodyCad

Stock or stock options  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

BodyCad  
Journal of Bone and Joint Surgery  
President International Hip Society; senior Director Current  
Concepts in Joint Replacement; Board Member OREF

**Manoshi Bhowmik-Stoker, PhD**

Paid Employee

Stryker

**Preetinder S. Bhullar, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Joshua S. Bingham, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Brenna E. Blackburn, PhD**

Board or committee member of professional society

AAHKS Member Outreach committee

**Amy Z. Blackburn, BA**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Michael Blankstein, MD, MSc, FRCSC**

Stock or stock Options  
Paid consultant

Orthofix, Inc.  
Smith & Nephew

**Jason L. Blevins, MD**

Paid consultant  
Stock or stock options

Globus Medical, LimaCorporate, WishBone Medical, Smith+Nephew  
Joint Effort LLC, HS2, Ambulatory Surgery Center Development  
Network LLC

**Michael P. Bolognesi, MD**

Stock or stock Options  
Unpaid consultant  
Board or committee member

Amedica, TJO  
Amedica  
AAHKS, Eastern Orthopaedic Association, Orthopaedic Research  
and Education Foundation  
AOA Omega, Acelity, Smith & Nephew  
Arthroplasty Today

Other financial or material support  
Medical/Orthopaedic publications editorial board

**Janice M. Bonsu, MD, PhD**

Medical/Orthopaedic publications editorial board

AAOS Now Editorial Board

**Amir M. Boubekri, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Kelly Boutelle**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Hayden N. Box, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Joseph C. Brinkman, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**William D. Bugbee, MD**

Paid consultant

Arthrex, Inc, DePuy, Enovis, Icarus medical, JRF Ortho,  
Orthalign, Smith & Nephew, Overture  
Cartilage

Editorial or governing board

Stock or stock Options  
Other financial or material support  
IP royalties

Icarus medical, Orthalign, Overture  
JRF Ortho  
OrthAlign, inc., Smith & Nephew

**Brandon R. Bukowski, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Ashleigh N. Bush, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Cory G. Calendine, MD**

Board or committee member  
Editorial or governing board  
Paid consultant

AAHKS, Tennessee Orthopaedic Society  
Arthroplasty Today, Journal of Arthroplasty, Journal of  
Orthopaedic Experience and Innovation  
Stryker

**John J. Callaghan, MD**

Royalties  
Paid consultant  
Stock or stock options

DePuy; Wolters Kluwer  
DePuy  
Joint Vue Knoxville, Tennessee

**Casey Cardillo, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Christopher N. Carender, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty

**Alberto V. Carli, MD, MSc**

Paid Consultant

Heraeus Medical, KCI

**Sonia K. Chandi, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Vinod Chandran**

Board or committee member

Paid consultant  
Research support  
Employee, Stock or Stock Options  
Editorial or governing board

Group for Research and Assessment of Psoriasis and Psoriatic  
Arthritis  
AbbVie, Amgen Co  
AbbVie:  
AstraZeneca  
Best Practice & Research: Clinical Rheumatology

**Sumanth R Chandrupatla**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Kenny Chang, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Xiao T. Chen, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Matthew S. Chen, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Ryan Cheng, BA**

This individual reported nothing to disclose.

This individual reported: nothing to disclose.

**George F. Chimento, MD, FACS**

Board or committee member  
Editorial or governing board  
Stock or stock Options

American Orthopaedic Association  
JOA  
Sight Medical

**Anthony K. Chiu, BS**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Yu-Fen Chiu, MS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Alexander B. Christ**

Board or committee member

Other financial or material support  
Paid consultant

AAOS, Musculoskeletal Tumor Society, Orthopaedic Research Society  
DJ Orthopaedics, United Orthopaedics  
Smith+Nephew

**Zachary K Christopher, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Gloria S. Coden, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Orthopaedic Experience & Innovation

**Anna R. Cohen-Rosenblum, MD, MSc**

Board or committee member  
Editorial or governing board  
Publishing royalties, financial or material support

AAHKS, Ruth Jackson Orthopaedic Society  
Arthroplasty Today, Journal of Arthroplasty  
Elsevier, Journal of Bone and Joint Surgery - American

**Benjamin Ray Coobs, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Steven N. Copp, MD**

Research support as a Principal Investigator

Yes

**Cory G. Couch, MD**

Paid consultant  
Board member/committee member for a professional society

Orchard Medical Development, Signature Orthopedics  
AAHKS International Committee

**Nicholas F. Cozzarelli, BS**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Cory Crinella, PA-C**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Taylor D'Amore, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**J Rod Davey**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Paid consultant

Zimmer Biomet  
Zimmer Biomet  
Zimmer Biomet

**Ayushmita De, PhD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**David G. Deckey, MD**

Paid employee  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Wife employed by Stryker Corp.  
Journal of Arthroplasty Editorial Board  
AAHKS Patient Safety and Education Committee; AAOS Resident Delegate Committee

**Bijan Dehghani, MD**

Researcher  
Medical/Orthopaedic publications editorial/governing board

University of Pennsylvania McKay Labs  
University of Pennsylvania Orthopaedic Journal Editor and Chief

**Graham J. Dekeyser, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Douglas A. Dennis, MD**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)

Depuy Synthes; Corin; Wolters Kluwer  
Depuy Synthes; Corin  
Depuy Synthes; Porter Adventist Hospital  
Depuy Synthes; Corin  
Joint Vue; Corin

**Matthew E. Deren, MD**

Research support

Stryker

**Daniel K. Devine, BA**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Zachary R. Diltz, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Derek T. Dixon, BS**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Justin N. Duke, MD**

Board or committee member  
IP royalties  
Editorial or governing board

AAHKS  
Innomed  
JOA

**Jacquelyn A. Dunahoe, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Stephen T. Duncan, MD**

Researcher  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board

Smith and Nephew; Stryker; Medtronic; Bone Support  
Smith and Nephew; OrthAlign; Bone Support  
MICare; ROMTech  
JAAOS; JOA

**John M. Dundon, MD**

Speakers bureau/paid presentations, Independent contractor,  
Researcher, Research support, paid consultant

Zimmer/Biomet, Canary, Intellijoint

**John R. Dunn**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Robert Easton, MD**

Royalties, Paid consultant	Enovis
<b>Jon P. Edgington, MD</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Karim A. Elsharkawy, MD</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Orry Erez, MD</b> Board or committee member Stock or stock Options	AAOS, AAHKS, New York State Society of Orthopedic Surgeons Premia Spine
<b>Jill A. Erickson, PA</b> IP royalties; Stock or stock Options	Orthogrid Systems
<b>Peter J. Everson, MD</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Yasser R. Farid, MD</b> This individual reported nothing to disclose	This individual reported nothing to disclose
<b>William Farrington, FRCS</b> Research support as a Principal Investigator	Stryker, Smith and Nephew, Lima
<b>Keith A. Fehring, MD</b> Board or committee member IP royalties, Other financial or material support, Paid presenter or speaker, Research support Paid consultant	AAHKS, Knee Society DePuy Zimmer, DePuy
<b>Thomas K. Fehring, MD</b> Royalties	Johnson and Johnson; Depuy
<b>Diana Fernandez Rodriguez, MD</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Henry A. Finn, MD, FACS</b> Royalties (including publishers) Researcher	Zimmer Biomet Yes
<b>Enrico M. Forlenza, MD</b> This individual reported nothing to disclose	This individual reported nothing to disclose.
<b>Jeffrey J. Frandsen, MD</b> This individual reported nothing to disclose	This individual reported nothing to disclose
<b>Patricia D. Franklin, MD, MPH</b> Research support as a Principal Investigator	Depuy, Inc (contract ended)
<b>Thomas J. Fraychineaud, MD</b> This individual reported nothing to disclose	This individual reported nothing to disclose.
<b>Kristin M. Fruth, BS</b> This individual reported nothing to disclose	This individual reported nothing to disclose

**Matthew C. Gallo, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Christal J. Gammage, PhD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Rajiv Gandhi, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**John P. Gibbons, MD, FRCS**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Emmanuel Gibon, MD, PhD**

Stock or stock options  
Ownership interest

DeBogy Molecular Inc., Ortho-DX  
DeBogy Molecular Inc.

**Brian P. Gladnick, MD**

Research support as a Principal Investigator  
Paid consultant  
Stock or stock options  
Medical/Orthopaedic publications editorial board  
Board member/committee member for a professional society

DePuy Synthes  
DePuy Synthes, Enovis  
OrthoGrid Systems  
JOA  
AAHKS Committee Member

**Amy E. Glasgow, MHA**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Rahul K. Goel, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose

**Graham S. Goh, MD**

Research support  
Editorial or governing board

AAOS, AAHKS, Hip Society, Knee Society, Orthopaedic Research  
and Education Foundation  
BMC Musculoskeletal Disorders, Journal of Robotic Surgery

**Peter A. Gold, MD**

Board member/committee member for professional society

AAHKS Health Policy Fellow, AAHKS YAG

**Jeffrey M. Goldstein, MD**

Speakers bureau/paid presentations  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

DePuy  
JOA Editorial Board  
Illinois Association of Orthopedic Surgeons (IAOS)

**Alejandro Gonzalez Della Valle, MD**

Royalties  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options  
Board member/committee member

Link, Orthodevelopment, Stryker  
Naviswiss  
Naviswiss, Link Bio, Johnson & Johnson  
Wishbone, Naviswiss  
Hip Society

**Enrique A. Goytizolo**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Nelson V. Greidanus**

Speakers Bureau

DePuy Synthes, Johnson&Johnson



Researcher

**Jacqueline A. Grubel, BS**

This individual reported nothing to disclose

This individual reported nothing to disclose.

**Alex Gu, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose.

**Pradyumna Gurusamy, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**James L. Guyton, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Steven B. Haas, MD**

Royalties  
Research support as a Principal Investigator  
Paid consultant  
Other financial/material support  
Board member/committee member

Smith and Nephew, OrthoAlign  
Smith and Nephew  
Smith and Nephew, OrthoAlign  
Healthgrades (medical advisory board)  
Knee Society Board Member

**Elizabeth B. Habermann, PhD**

Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Editorial Board member of Surgery; Annals of Surgical  
Oncology; Mayo Clinic Proceedings  
Board of Scientific Counselors, Center for Disease Control and  
Prevention National Center for Injury Prevention and Control

**Akram A. Habibi, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Jack M. Haglin, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Muhammad Haider**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**George J. Haidukewych, MD**

Board or committee member  
IP royalties  
Paid consultant  
Editorial or governing board  
Stock or stock Options  
Other financial or material support

AAOS, Hip Society  
Biomet, DePuy  
Biomet, Conformis ,DePuy, Smith & Nephew, Synthes  
Journal of Orthopedic Trauma  
Solenic  
DePuy Synthes

**Nikkole M. Haines, MD**

Paid consultant

Smith+Nephew

**Emily Hampp, PhD**

Paid Employee  
Stock or Stock Options

Stryker  
Stryker

**Arlen D. Hanssen, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**James W. Harkess, MD**

Publishing royalties, financial or material support

Elsevier

**Tanner B. Heaton, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Kevin Y. Heo, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Henry Ho, MSc**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Robert H. Hopper Jr., PhD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Timothy Horan, DO**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**John V. Horberg, MD**

Paid Consultant

Zimmer

**Lisa C. Howard, MD**

Paid consultant

Other financial/material support

Smith+Nephew

Fellowship support from Zimmer, De Puy, Smith +Nephew

**Robert E. Howell III, MD**

Board or committee member

Paid consultant

AAHKS

DePuy, A Johnson & Johnson Company

**James I. Huddleston III, MD**

Board or committee member

Research support

Paid consultant

Stock or stock Options

IP royalties

Editorial or governing board

Publishing royalties, financial or material support

Research support

AAHKS, AAOS, Hip Society, Knee Society

Apple, Biomet

CMS/Yale CORE, DePuy, Exactech

Corin U.S.A., Porosteon

DePuy, Exactech, Wolters Kluwer

Journal of Arthroplasty

Wolters Kluwer Health - Lippincott Williams & Wilkins

Zimmer

**James B. Jackson**

Board or committee member

Editorial or governing board

AAHKS, AAOS, American Orthopaedic Foot and Ankle Society

Journal of Surgical Orthopaedic Advances

**Kyle J. Jeray, MD**

Speakers bureau/paid presentations

Researcher

Paid consultant

Medical/Orthopaedic publications editorial/governing board

Board member/committee member for a professional society

AO north america

Radius

Zimmerbiomet

JOT, OTAI, JBJS

AOA, ABOS, OTA, SCOA

**Emily R. Jimenez, MPH**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Roseann M. Johnson, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Joshua K. Johnson**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Hugh L. Jones, BS**

Paid employee, Researcher, Research support

UT Health Science Center at Houston. Houston, TX

**Corey A. Jones, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Claire R. Kapron, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Daniel C. Karczewski, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Anthony Karzon**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Jonathan L. Katzman, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Babar Kayani, MBBS**

Board/Committee member

Bone and Joint Journal Editorial Board

**Brandon J. Kelly, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Bradley A. King, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Connor A. King, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Mateo J. Kirwan, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Alison K. Klika, MS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Andrew P. Konopitski, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Travis M. Kotzur, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Viktor E. Krebs, MD**

Editorial or governing board  
IP royalties, Paid presenter or speaker, Paid consultant

Journal of Arthroplasty  
Stryker

**Jason Kreinces**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Chad A. Krueger, MD**

Research support as a Principal Investigator

Smith+Nephew

Board member/committee member	AAOS
<b>Nicholas Kusnezov, MD</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Claudette M. Lajam, MD</b> Board or committee member Publishing royalties, financial or material support Unpaid consultant Editorial or governing board: Employee	AAHKS, AAOS Elsevier FundamentalVR JOA, HJD Bulletin, Clinical Orthoapedics and Related Research Pfizer
<b>Neil T. Lancaster, DO</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>David C. Landy, MD, PhD</b> Editorial or governing board Paid presenter or speaker	American Journal of Sports Medicine Smith+Nephew
<b>Dirk R. Larson, MS</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Scott M. LaValva, MD</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Kyle W. Lawrence, BS</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>Drake G. LeBrun, MD, MPH</b> This individual reported nothing to disclose	This individual reported nothing to disclose.
<b>Gwo-Chin Lee, MD</b> Royalties (including publishers) Paid consultant Board member/committee member for a professional society	Corin Corin, Conformis Knee Society Board, Research Committee, Digital Learning Committee
<b>Anderson Lee, BS</b> This individual reported nothing to disclose.	This individual reported nothing to disclose.
<b>David G. Lewallen, MD</b> Royalties Research support Paid consultant Stock or stock options Board member/committee member for a professional society	Zimmer Biomet Corin BIOS, Acuitive Acuitive Mid America Orthopedic Association, Orthopedic Research and Education Foundation
<b>Jay R. Lieberman, MD</b> Stock or stock Options IP royalties Paid consultant Publishing royalties, financial or material support Board or committee member	BD Surgiphor, Hip Innovation Technology DePuy DePuy Saunders/Mosby-Elsevier Western Orthopaedic Association, Musculoskeletal Transplant Foundation, Hip Society

**Shu Lin, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Kevin C. Liu, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Juan D. Lizcano, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Jess H. Lonner, MS**

Royalties

Speakers bureau/paid presentations

Research support as a Principal Investigator

Paid consultant

Stock or stock options

Medical/Orthopaedic publications editorial/governing board

Board member/committee member for a professional society

Zimmer Biomet; Smith and Nephew; Elsevier; Springer

Zimmer Biomet

Zimmer Biomet; Smith and Nephew; Force Therapeutics

Zimmer Biomet; Smith and Nephew; Force Therapeutics; Pacira

Force Therapeutics

JOEI

Knee Society; American Association of Hip and Knee Surgeons

**Zachary C. Lum, DO**

Board or committee member

Editorial or governing board

AAHKS

JAOAO

**Daniel B. Maalouf, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Nizar Mahomed, MD**

Stock or stock Options

Employee

Other financial or material support

Arthritis Innovation Corporation, Arthur Health Corporation

Arthur Health Corporation

DePuy, Smith+Nephew

**Ahmed Makhani, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Lisa A. Mandl, MD**

Board or committee member

Editorial or governing board

Research support

Publishing royalties, financial or material support

American College of Rheumatology

Annals of Internal Medicine

Regeneration Technologies, Inc.

Up-To-Date

**Jesse J. Manikowski, MS**

Other financial/material support

Pension - Merck & Co., Inc.

**Bassam A. Masri, MD**

Independent contractor

Paid consultant

Medical/Orthopaedic publications editorial board

Vancouver Coastal Health Authority

Stryker

JBJS

**Vasilios Mathews, MD**

Researcher

DePuy

**David A. Mattingly, MD**

Royalties (including publishers)

DePuy

**John Mazzocco, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Michael McGraw**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Simon C. Mears, MD, PhD**

Stock or stock Options  
Board or committee member  
Editorial or governing board

Delta Ortho LLC  
Fragility Fracture Network  
Journal of the American Geriatrics Society, SAGE

**R. Michael Meneghini, MD**

Royalties  
Paid consultant  
Stock or stock options  
Ownership interest  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Enovis, Osteoremedies, Kinamed, Innomed, Springer  
Enovis, Osteoremedies, Kinamed,  
Emovi; PeekMed  
Fort Wayne Surgery Center  
Journal of Arthroplasty; Orthopedics Today  
AAHKS, IOEN, Knee Society, MAOA

**John J. Mercuri, MD**

Paid Consultant

Medacta

**Andy O. Miller, MD**

Paid consultant  
Board member/committee member

New York Mets  
Executive Committee of MSIS. Member-at-large, HSS Board of Trustees

**Baker Mills, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Ashish Mittal, MD**

This individual reported nothing to disclose.

**Chance C. Moore, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose.

**Brian T. Muffly, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Jeffrey S. Mun, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Michael P. Murphy, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty

**Stefano Muscatelli, MD**

This individual reported nothing to disclose

This individual reported nothing to disclose.

**Sumon Nandi, MD, MBA**

Board or committee member  
Editorial or governing board  
Publishing royalties, financial or material support

AAOS, AAHKS, Maryland Orthopaedic Association  
Arthroplasty Today, Journal of Arthroplasty, Journal of Bone and Joint Surgery – American  
Springer

**David C. Neal, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Charles L. Nelson, MD**

Paid consultant  
Board or committee member  
Editorial or governing board

Acuitive technologies, Zimmer  
ABOS, AOA, Hip Society  
Journal of Hip Surgery, Journal of the American Academy of  
Orthopaedic Surgeons

**Brian T. Nickel, MD**

Researcher  
Research Support  
Paid Consultant

Smith+Nephew  
Smith+Nephew  
Smith+Nephew

**Ryan M. Nunley, MD**

Research support as a Principal Investigator  
Paid consultant  
Stock or stock options  
Board member/committee member for a professional society

Smith+Nephew, Stryker, Zimmer  
DePuy, Ethicon, Medtronic, Mirus, Rom Tech, Smith & Nephew  
RomTech  
AAHKS Board of Directors and Treasurer. Southern Orthopaedic  
Association, 2018 President.

**Kelechi Nwachuku, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Susan M. Odum, PhD**

Paid consultant  
Board member/committee member for a professional society

AAOS, Stryker  
Data Committee and Publications Committee for AJRR,  
Research Committee for LSRS

**Olaoluwa Omotowa, MPH**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Justin M. Ong, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Dionisio Ortiz III, MD**

Stock or stock options  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Shareholder ROM Tech  
Journal of Arthroplasty and Arthroscopy Journal  
Knee Program Committee- AAOS

**Mark W. Pagnano, MD**

Royalties

DepuySynthes; Elseveier; Stryker

**Tejbir S. Pannu, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Orthopaedic Surgery and Research: editorial board

**Thomas J. Parisi, MD**

Independent contractor, Researcher, Research support as a  
Principal Investigator

Zimmer/Biomet

**Michael L. Parks, MD**

Board or committee member

AAOS BOD

**Matthew W. Parry, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Correggio L. Peagler, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Lindsey N. Peng, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Anthony V. Perruccio, PhD**

Medical/Orthopaedic publications editorial/governing board

Editorial Board Member, Arthritis Care & Research

**Kevin I. Perry, MD**

Paid consultant  
Board member/committee member

DePuy Synthes  
AAOS BOS, AAOS Hip ICL committee

**Christopher L. Peters, MD**

Royalties, Research support, Paid consultant  
Stock or stock options  
Board member/committee member

Zimmer Biomet  
Ortho Grid  
Past President The Knee Society

**Kevin D. Plancher, MD, MPH**

Board or committee member

AAOS, AAHKS, American Shoulder and Elbow Surgeons, American Orthopaedic Association, Arthroscopy Association of North America, Eastern Orthopaedic Association, International Cartilage Regeneration & Joint Preservation Society, Lamplighters Orthopaedic Association, Orthopaedic Research and Education Foundation  
Aesculap/B.Braun  
American Journal of Sports Medicine, Clinical Orthopaedics and Related Research, Journal of Arthroplasty, Operative Techniques in Sports Medicine, Techniques in Orthopaedics  
Collagen Matrix, Episurf, Medipost America  
Pacira  
JRF Ortho

Research support

Editorial or governing board

IP royalties

Paid consultant

Paid presenter or speaker

**Ajay Premkumar, MD, MPH**

Stock or stock options  
Medical/Orthopaedic publications editorial board

azra care, accupredict, osgenic  
HSS Journal

**Alana M. Prinos, BS**

Researcher

NYU Langone Orthopedic Hospital

**Simarjeet Puri**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**James J. Purtill, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Nicole D. Quinlan, MD, MS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Logan E. Radtke, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Sean S. Rajaei, MD**

Research support as a Principal Investigator  
Paid consultant

Zimmer Biomet  
Zimmer Biomet, Ethicon, Depuy



**Vinaya Rajahraman, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Katherine Rajschmir, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Raja Rampersaud**

Royalties (including publishers)  
Research support as a Principal Investigator  
Ownership interest

Medtronic  
UHN Foundation  
Arthur Health Corp.

**Jose A. Rodriguez, MD**

Royalties  
Paid consultant  
Unpaid consultant  
Stock or stock options

Medacta, Smith+Nephew, Exactech, Conformis  
Smith+Nephew, Exactech, Conformis  
Fair Winds Medical  
Wishbone Medical

**Jeffrey W. Salin, DO**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Adam A. Sassoon, MD**

Board or committee member  
Paid consultant  
Research support  
Editorial or governing board  
Paid consultant  
Stock or stock Options  
Unpaid consultant

AAHKS  
Biocomposites Inc, Orthalign  
Biocomposites Inc  
Journal of Knee Surgery  
Smith+Nephew, Orthalign  
Orthalign  
Overture Orthopaedics

**Ran Schwarzkopf, MD, MSc**

Board or committee member  
Editorial or governing board  
Stock or stock Options  
Paid consultant  
IP royalties, Research support

AAOS, AAHKS  
Arthroplasty Today, Journal of Arthroplasty  
Gauss surgical, Intelijoint, PSI  
Intelijoint, Smith & Nephew, Zimmer  
Smith & Nephew

**Travis S. Scudday, MD**

Speakers bureau/paid presentations  
Researcher  
Paid consultant

DePuy, Corin  
DePuy  
Corin

**Stefano Serpelloni**

Paid Employee

Houston Methodist Hospital

**Thorsten M. Seyler, MD, PhD**

Board or committee member  
Paid consultant  
Publishing royalties, financial or material support  
IP royalties  
Research support

AAHKS, Musculoskeletal Infection Society  
Heraeus, Peptilogics, Smith & Nephew  
Lippincott Williams & Wilkins  
Pattern Health, Restor3d  
Zimmer

**Eric B. Smith, MD**

Board/Committee member

AAHKS Quality Measures Committee

**Bryan D. Springer, MD**

Board or committee member

AJRR, AAHKS, IOEN

Editorial or governing board  
Paid consultant  
IP royalties

Arthroplasty Today, Journal of Arthroplasty, Journal bone and joint infection  
Convatec, Osteoremedies, Stryker  
Osteoremedies, Stryker

**Yashes Srinivasan, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Alexandra Stavrakis, MD**

Board or committee member  
Paid consultant

AAHKS  
Smith & Nephew, Zimmer

**Benjamin M. Stronach, MD, MS**

Board or committee member  
Paid consultant  
Paid presenter or speaker  
Stock or stock Options  
Editorial or governing board  
IP royalties

AAHKS, AAOS  
DJ Orthopaedics, Johnson & Johnson  
DJ Orthopaedics:  
Joint Development LLC:  
Journal of Bone and Joint Surgery - British  
MiCare Path, Sawbones/Pacific Research Laboratories, Tightline  
Development LLC

**Stephanie Tanner**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Francesca Taraballi**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**E. Bailey Terhune, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Zachary P. Thielen, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Kim K. Tucker, MD**

Board or committee member  
Paid consultant, Paid presenter or speaker

AAHKS  
DePuy

**Bradford S. Waddell, MD**

Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial board  
Board member/committee member for a professional society

Smith+Nephew  
Smith+Nephew, Orthalign  
Current Reviews in Musculoskeletal Medicine  
AAHKS: Advocacy Committee

**Austin E. Winger, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Cody C. Wyles, MD**

Board or committee member

AAHKS Research Committee

**Adolph J. Yates Jr., MD**

Board or committee member  
Editorial or governing board

AAOS, AAHKS  
JOA

**Khalid M. Yousuf, MD**

Paid consultant

United Orthopedics, Total Joint Orthopedics, Smith & Nephew, Depuy

**Mark W. Zawadsky, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Matthew P. Abdel, MD**

Royalties  
Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial board  
Board member/committee member

Stryker, OsteoRemedies, Springer  
NIH  
Stryker  
Springer  
AAHKS, IOEN, Mid-America

**John D. Adams**

Board or committee member  
Paid consultant, Research support  
Paid presenter or speaker

AAOS  
Arthrex, Inc.  
Smith & Nephew, Stryker

**Muyibat A. Adelani, MD**

Speakers bureau/paid presentations  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

DePuy Synthes  
Summit Medical  
JOA Editorial Board  
AAHKS Diversity Advisory Board Co-Chair

**Oluwaseun Akinbo, MD**

Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

JBJS Associate CME editor panel  
AAOS Knee committee

**Lucas A. Anderson, MD**

Royalties (including publishers)  
Researcher  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)

OrthoGrid  
Zimmer, Stryker, Medacta  
Stryker  
Medacta  
OrthoGrid

**Michael J. Archibeck, MD**

Paid consultant  
Medical/Orthopaedic publications editorial/governing board

Zimmer Biomet  
Journal of Arthroplasty

**Michael P. Ast, MD**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Board member/committee member

Smith & Nephew, OrthAlign  
Stryker, Smith & Nephew, OrthAlign, BD, 3M  
Smith & Nephew, BD  
Smith & Nephew, Stryker, OrthAlign  
MiCarePath, ConveyMED, OssoVR, OrthAlign  
AAHKS, AAOS, FPA

**Matthew S. Austin, MD**

"Royalties (including publishers)  
Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options

DePuy Synthes; Zimmer Biomet; Link  
Corin  
Corin  
DePuy Synthes, Zimmer Biomet; Link; Corin  
Corin

Board member/committee member

Knee Society; AAHKS; AAOS

"

**Jeffrey J. Barry, MD**

Speakers bureau/paid presentations  
Independent contractor  
Paid consultant  
Other financial/material support

DePuy Synthes  
Lineage Medical  
Smith+Nephew, Onkos Surgical  
Smith+Nephew Fellowship Grant, OMeGA Fellowship Grant,  
AAHKS Fellowship Grant

**Dexter K. Bateman, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Omar A. Behery, MD, MPH**

Paid consultant  
Medical/Orthopaedic publications editorial/governing board

Medacta, USA  
Journal of Arthroplasty, Arthroplasty Today

**Jenna A. Bernstein, MD**

Research support as a Principal Investigator  
Paid consultant  
Board member/committee member

Stryker  
Depuy Synthes, Smith & Nephew, Total Joint Orthopaedics  
AAHKS, Connecticut Orthopaedic Society, Eastern Orthopaedic Society

**Timothy S. Brown, MD**

Board member/committee member

AO Foundation, AAHKS, MAOA, MSIS

**Nicholas M. Brown, MD**

Researcher  
Research support as a Principal Investigator  
Paid consultant  
Board member/committee member

Corin  
DePuy  
DePuy, Corin, Link  
AAOS OKU committee

**James A. Browne, MD**

Board or committee member

IP royalties  
Paid consultant  
Editorial or governing board  
Publishing royalties, financial or material support

Stock or stock options

AAHKS, AJRR (ABOS), Hip Society; Knee Society; Southern Orthopaedic Association  
Enovis  
Enovis; Kinamed; Ortho-DX; OsteoRemedies  
JOA  
Journal of Arthroplasty; Journal of Bone and Joint Surgery – American; Saunders/Mosby-Elsevier  
Ortho-DX; Radlink

**Leonard T. Buller, MD**

Research support as a Principal Investigator  
Paid consultant  
Board member/committee member for a professional society

OsteoRemedies  
OsteoRemedies, Link Biomedical  
AAHKS Program Committee

**Brian P. Chalmers, MD**

Paid consultant  
Board member/committee member

Smith and Nephew, Orthodevelopment  
HSSJ Editorial Board, JOA Editorial Board

**Antonia F. Chen, MD, MBA**

Royalties  
Research support as a Principal Investigator

Stryker, SLACK Incorporated, UpToDate, Taylor & Francis Group,  
Journal of Bone and Joint Surgery

Paid consultant  
Stock or stock option  
Medical/Orthopaedic publications editorial board  
Board member/committee member for a professional society

Adaptive Phage Therapeutics, Elute, Peptilogs  
Adaptive Phage Therapeutics, Avanos, BICMD, Convatec,  
Ethicon, GLG, Guidepoint, Heraeus, IrriMax, Osteal Ther

**Darwin D. Chen, MD**

Speakers bureau/paid presentations  
Paid consultant

Stryker  
Stryker, Monogram Orthopedics, Depuy

**Charles E. Claps, DO**

Speakers bureau/paid presentations  
Independent contractor (including contracted research)  
Paid consultant  
Stock or stock options (including startups)

Stryker  
Stryker  
Stryker  
Luna

**Henry D. Clarke, MD**

Royalties  
Researcher  
Paid consultant  
Unpaid consultant  
Stock or stock options  
Board member/committee member

Zimmer Biomet; ConforMIS  
Stryker  
Zimmer Biomet; ConforMIS  
Optimus; OSSO VR  
Optimus  
AAOS; Knee Society

**Herbert J. Cooper, MD**

Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

3M  
Smith & Nephew  
3M; ZimmerBiomet; DePuy; Polaris; Canary  
Polaris  
JBJS (American)  
AAOS; EOA

**P. Maxwell Courtney, MD**

Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Zimmer Biomet, Smith and Nephew  
Smith and Nephew, Zimmer Biomet, Stryker  
Parvizi Surgical Innovation  
JOA  
AAHKS

**John R. Crockarell, MD**

Royalties  
Stock or stock options

Elsevier  
Heron Therapeutics

**Brian M. Curtin, MD, MS**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Springer Publishing  
Depuy Synthes  
Depuy Synthes, Zimmer Biomet  
JoA, EJOST (editor), Orthopedics, and JAAOS review boards  
AAHKS committee member

**Jonathan R. Danoff, MD**

Research support as a Principal Investigator

Stryker, MicrogenDx

Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Stryker, MicrogenDx, Surgical Specialties Corp  
Arthroplasty Today  
American Association of Hip and Knee Surgeons

**Eytan M. Debbi, MD, PhD**

Royalties (including publishers)  
Patent beneficiary  
Speakers bureau/paid presentations  
Paid consultant  
Stock or stock options (including startups)  
Ownership interest

Ortho Development  
Ortho Development  
Ortho Development  
DePuy Synthes  
Think Surgical  
Think Surgical

**Charles A. DeCook, MD**

Royalties  
Speakers bureau/paid presentations  
Paid consultant  
Stock or stock options  
Ownership interest  
Board member/committee member

depu synthes  
depu synthes medtronic zimmer biomet Mizuho OSI  
depu synthes medtronic zimmer biomet mizuho osi  
JointVue, Aware, Fidelis, Maximo, Simplex, APS, Ospitek  
JointVue, Aware, Fidelis, Maximo, Simplex, APS, Ospitek  
Anterior Hip Foundation

**Ronald E. Delanois, MD**

Researcher  
Research support as a Principal Investigator  
Unpaid consultant  
Medical/Orthopaedic publications editorial board  
Board member/committee member

DePuy , trellis, tissue gene , smith and nephew,  
DePuy, Smith and Nephew, trellis, tissue gene,  
DePuy  
JOA, journal of Knee surgery  
AAHKS, Baltimore city medical Society

**Craig J. Della Valle, MD**

Royalties  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options  
Medical/Orthopaedic publications editorial board  
Board member/committee member

Zimmer-Biomet, Smith & Nephew, SLACK, Wolters Kluwer, BD  
Smith & Nephew, Zimmer-Biomet, Stryker  
DePuy, Zimmer-Biomet  
Parvizi Surgical Innovation  
SLACK  
The Knee Society, Mid America Orthopaedic Association

**David E. DeMik, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty

**Matthew J. Dietz, MD**

Research support as a Principal Investigator  
Paid consultant  
Unpaid consultant  
Stock or stock options (including startups)

Heraeus Medical, Peptilogics  
Heraeus Medical  
Peptilogics  
Peptilogics

**Caleb R. Durst, BS**

Researcher

Cedars-Sinai Medical Center

**Adam I. Edelstein, MD**

Paid consultant  
Medical/Orthopaedic publications editorial board  
Board member/committee member

DePuy, Corin  
Arthroplasty Today  
AAHKS Publications Committee

**Chijindu Emenari, MD, MBA**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Michael J. Feldstein, MD, MS**

Patent beneficiary  
Researcher  
Paid consultant  
Unpaid consultant  
Stock or stock options (including startups)

Allay Therapeutics  
Allay Therapeutics  
Allay Therapeutics  
Allay Therapeutics  
Allay Therapeutics

**Yale A. Fillingham, MD**

Royalties (including publishers)  
  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Other financial/material support  
Board member/committee member

Exactech, Medacta, Saunders/Mosby, Elsevier, SignatureOrtho,  
Zimmer  
Zimmer  
Exactech, Johnson & Johnson, Medacta, SignatureOrtho, Zimmer  
Parvizi Surgical Innovations  
MicroGen Dx (honorarium)  
AAOS, AAHKS

**Marcus C. Ford, MD**

Royalties (including publishers)  
Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Medacta, Elsevier Campbell's Operative  
Medacta, Depuy  
Medacta, Depuy, Osteoremedies  
Orthopaedic Clinics North America  
AAHKS, Industry Relations Committee

**David M. Freccero, MD**

Research support as a Principal Investigator  
Stock or stock options (including startups)  
Board member/committee member

DePuy, Conformis  
ROMTech  
AAHKS committee member, AAOS committee member

**Kevin B. Fricka, MD**

Royalties, Speakers bureau/paid presentations  
Independent contractor  
Researcher  
  
Research support as a Principal  
Paid consultant  
Stock or stock options  
Board member/committee member

Smith & Nephew  
Smith & Nephew, Zimmer-Biomet, 2ndMD, BICMD  
Anderson Orthopaedic Research Institute, Zimmer-Biomet, Smith  
& Nephew  
Smith & Nephew  
Smith & Nephew  
OrthAlign  
Anderson Orthopaedic Research Institute, AAHKS Humanitarian  
Committee, Operation Walk Virginia

**Donald S. Garbuz, MD**

Paid consultant  
Other financial/material support - Fellowship support  
Board member/committee member for a professional society

Smith+Nephew  
Zimmer-Biomet, Depuy, Stryker  
Hip Society Board, Mueller foundation of north america board

**Elizabeth B. Gausden, MD, MPH**

Royalties (including publishers)  
Paid consultant  
Board member/committee member

Depuy  
Stryker, BICMD, Depuy, Zimmer  
IOEN

**Jeremy M. Gililand, MD**

Royalties  
Patent beneficiary  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options  
Medical/Orthopaedic publications editorial board  
Board member/committee member

OrthoGrid, MiCare Path  
OrthoGrid  
Medacta, Zimmer/Biomet, Stryker  
Stryker, Enovis, OrthoGrid, MiCare Path  
OrthoGrid, MiCare Path, Connexions  
Journal of Arthroplasty  
American Association of Hip and Knee Surgeons

**Ashton H. Goldman, MD**

Board member/committee member

AAHKS

**Gregory J. Golladay, MD**

Royalties (including publishers)  
Other financial/material support  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Stryker, Inc  
Arthroplasty Today Editor stipend  
Arthroplasty Today, The Journal of Arthroplasty  
AAHKS, Virginia Orthopaedic Society

**Joseph S. Gondusky, MD**

Royalties  
Paid consultant  
Stock or stock options  
Medical/Orthopaedic publications editorial board  
Board member/committee member

DePuy Synthes  
DePuy Synthes, Zimmer Biomet  
Advanced Scanners, Inc  
Journal of Arthroplasty, Arthroplasty Today  
AAOS Annual Meeting Adult Hip Committee

**Eric M. Greber, MD**

Royalties, Patent beneficiary, Speakers bureau/paid presentations, Paid consultant

Zimmer Biomet

**Matthew J. Grosso, MD**

Researcher  
Paid consultant  
Board member/committee member

Corin  
Convatec  
AAHKS Evidence Based Medicine Committee member

**George N. Guild III, MD**

Paid consultant  
Stock or stock options (including startups)

Smith+Nephew  
Total Joint Orthopaedics

**William G. Hamilton, MD**

Royalties  
Research support as a Principal Investigator  
Paid consultant  
Board member/committee member for a professional society

DePuy Synthes, Total Joint Orthopedics  
Zimmer Biomet  
DePuy Synthes  
AAHKS, Knee Society, Hip Society

**Charles P. Hannon, MD, MBA**

Research support as a Principal Investigator  
Paid consultant  
Board member/committee member

Stryker Corporation, Smith & Nephew  
Signature Orthopedics, Orchard Medical, Inc.  
AAHKS, American Academy of Orthopaedic Surgeons, Mid America Orthopaedic Association



**Nathanael D. Heckmann, MD**

Royalties (including publishers)  
Paid consultant  
Stock or stock options (including startups)  
Board member/committee member

Corin USA  
Microport Orthopaedics, intelligoint surgical, Corin USA, Zimmer  
Intelligoint surgical  
AAOS, AJRR, AAHS

**Vishal Hegde, MD**

Research support as a Principal Investigator  
Paid consultant  
Unpaid consultant  
Other financial/material support  
Board member/committee member

Ortho Development  
Globus Medical  
OssoVR  
OMeGA Medical Grants, Smith+Nephew  
AAHS Research Committee

**Victor H. Hernandez, MD, MS**

Research support as a Principal Investigator  
Paid consultant  
Board member/committee member for a professional society

OREF  
J&J, Pfizer, Zimmer  
Chair of AAHS International, AALOS Board of Director, Liaison  
of AAOS for Diversity Committee

**Thomas R. Hickernell, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Carlos A. Higuera-Rueda, MD**

Speakers bureau/paid presentations  
Researcher  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

KCI / 3M  
Stryker, Zimmer Biomet, Osteal Therapeutics, OREF  
Microgen Dx  
Stryker, 3M  
PSI  
Journal of Arthroplasty, Journal of Hip Surgery  
AAOS International Committee, AAHS International  
Committee, SICOT Infections Committee

**Chris W. Hoedt, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty Editorial Board

**Donald N. Hope, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Jason R. Hull, MD**

Royalties (including publishers)  
Paid consultant

Enovis, DJO Surgical  
Enovis, DJO Surgical

**Ugo N. Ihekweazu, MD**

Paid consultant  
Stock or stock options (including startups)  
Board member/committee member

DePuy Synthes  
ROMTech, Advanced Scanners  
AAHS Education Committee, Diversity advisory board, Arthritis  
Foundation

**Rina Jain, MD, FRCSC**

Speakers bureau/paid presentations  
Medical/Orthopaedic publications editorial/governing board

BoneSupport  
Associate editor, Arthroplasty Today

Board member/committee member for a professional society

AAHKS committee chair for Women in Arthroplasty, PrideOrtho mentoring and communications committees, AAOS Knee program committee, UCSD Orthopedic Diversity Committee

**Derek R. Jenkins, MD**

Royalties  
Board member/committee member

Johns Hopkins University Press Book Publication Royalties  
AAOS Hip ICL, AAOS Knee Program Committee

**Jason M. Jennings, MD**

Royalties (including publishers)  
Researcher  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Board member/committee member

total joint orthopedics  
Corin  
DePuy  
Total Joint Orthopedics  
Xenex  
AAHKS research committee, AAOS Hip committee

**David S. Jevsevar, MD, MBA**

Speakers bureau/paid presentations  
Board member/committee member

Medacta USA  
AAOS Council on Research and Quality Chair

**Ryland P. Kagan, MD**

Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

OrthoDevelopment, Smith & Nephew, 3M KCI  
OrthAlign Corp, Smith and Nephew,  
Journal of Arthroplasty, Elite Reviewer  
AAHKS Evidence Based Medicine Committee, AAOS AJRR Research Committee, AAOS Hip Program Committee

**Michael S. Kain, MD**

Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Board member/committee member

Smith+Nephew  
Site investigator for PCORI and PEPPER trial  
NEOS Board, OTA education committee, AAOS Committee

**Eli Kamara, MD**

Board member/committee member for a professional society

AAHKS Committee Member, AAOS Committee Member

**Nathan B. Kaplan, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Mick P. Kelly, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Young-Min Kwon, MD, PhD**

Research support as a Principal Investigator  
Board member/committee member for a professional society

Zimmer Biomet, Smith & Nephew, MicroPort, Medacta, Stryker  
The Hip Society, The Knee Society, AAHKS, AAOS, ORS

**Charles M. Lawrie, MD, MSc**

Royalties  
Paid consultant  
Stock or stock options  
Board member/committee member

Zimmer Biomet  
Zimmer Biomet, Medtronic, Ignite Orthopedics  
OPUM Technologies  
Anterior Hip Foundation

**Cameron K. Ledford, MD**

Other financial/material support  
Board member/committee member

Fellowship educational support from DePuy, Stryker, Zimmer-Biomet  
AAHKS, AAOS, ABOS

**Brett R. Levine, MD, MS**

Royalties  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Link, Human Kinetics, Elsevier, Slack INC, Wolter's Kluwer  
Link, Lima, Exactech, Zimmer-Biomet, Orthoxcel, Merete  
JOA, AT, Orthopedics  
OLC Board Member, AAOS EBQV Committee, AAHKS EBM  
Committee, MAOA Education Committee, Deputy Editor AT, KS/HS  
Digital Media Committee

**Elizabeth G. Lieberman, MD**

Paid consultant  
Board member/committee member

DePuy Synthes  
AAHKS WIA, Ruth Jackson Orthopaedic Society, Oregon  
Association of Orthopaedic Surgeons

**Adolph V. Lombardi Jr., MD**

Royalties (including publishers)  
Patent beneficiary  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Zimmer Biomet, Innomed  
Zimmer Biomet, Innomed  
Zimmer Biomet, Total Joint Orthopedics, Firstkind, Parvizi  
Surgical Innovations Research Institute, Recovery Rx, SPR  
Therapeutics, Prescribe Fit, Smith & Nephew, SI-Bone  
Zimmer Biomet  
JIS Ventures, Joint D

**Tad M. Mabry, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Craig R. Mahoney, MD**

Paid employee  
Board member/committee member

MercyOne Iowa  
Iowa Orthopaedic Society, AAHKS Committee Member, Polk  
County Medical Society

**Arthur L. Malkani, MD**

Royalties, Speakers bureau/paid presentations, Researcher,  
Research support as a Principal Investigator, Paid consultant  
Stock or stock options  
Ownership interest

Stryker  
Parvizi Surgical Innovation  
Parvizi Surgical Innovation

**David W. Manning, MD**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Paid consultant  
Board member/committee member

Medacta  
Medacta  
Medacta  
AAHKS

**Joseph D. Maratt, MD**

Paid consultant  
Ownership interest  
Other financial/material support

Stryker, Medacta  
Forté/Franciscan Orthopedic Surgery Center  
Stryker, Arthrex, Medacta, Enovis, Miach Orthopedics

**J. Ryan Martin, MD**

Paid consultant

DePuy Synthes

**David J. Mayman, MD**

Royalties

Paid consultant

Stock or stock options (including startups)

Board member/committee member for a professional society

Orthalign, Smith & Nephew

Stryker

Cymedica, Imagen, Micare Path, Orthalign, Wishbone

Hip Society, Knee Society

**Christopher M. Melnic, MD**

Paid consultant

Smith+Nephew

**Daniel R. Mesko, DO**

Paid consultant

Stryker Orthopedic Instruments

**William M. Mihalko, MD, PhD**

Royalties

Speakers bureau/paid presentations

Research support as a Principal Investigator

Paid consultant

Stock or stock options

Other financial/material support

Medical/Orthopaedic publications editorial/governing board

Board member/committee member for a professional society

Aesculap/B. Braun (IP royalties); Saunders/Mosby-Elsevier

Aesculap/B. Braun; Pacira Biosciences, Inc.

AAHKS; Food and Drug Administration; Medacta

Aesculap/B. Braun; Pacira Biosciences, Inc.

Medtronic

Saunders/Mosby-Elsevier

Journal of Arthroplasty; Journal of Orthopaedic Research;

Orthopedic Clinics of North America; The Journal of Long Term

Effects of Medical Implants

AAOS; AAHKS; American Society for Testing Materials

International; Campbell Foundation; Hip Society; International

Society for Technology in Arthroplasty; Knee Society; Orthopaedic

Research Society

**J. Craig Morrison, MD**

Speakers bureau/paid presentations

Research support as a Principal Investigator

Paid consultant

Board member/committee member

Depuy/Synthes

Depuy/Synthes, Exactech, Zimmer Biomet

Depuy/Synthes, Healthtrust

American Academy of Hip and Knee Association

**Wayne E. Moschetti, MD, MS**

Speakers bureau/paid presentations

Independent contractor (including contracted research)

Research support as a Principal Investigator

Paid consultant

Depuy, Smith and Nephew

Depuy

Depuy, Medacta, OREF, Microgen Dx

Depuy, Smith and Nephew, Link, Brasseler

**Joseph T. Moskal, MD, FACS**

Royalties

Paid consultant

Stock or stock options

Corin, Wolters Kluwer Publishing

Kinamed

Think Surgical

**Thomas G. Myers, MD**

Research support as a Principal Investigator

Medical/Orthopaedic publications editorial/governing board

Board member/committee member

Concentric

Journal of Arthroplasty, Journal of AAOS, Arthroplasty

AAHKS FOCAL, AAOS Hip Reconstruction ICL, AAOS Practice

Management

**Nathaniel J. Nelms, MD**

Medical/Orthopaedic publications editorial board  
Board member/committee member for a professional society

Arthroplasty Today  
AAHKS Digital Health and Social Media Committee; New  
England Orthopedic Society Kilfoyle awards committee

**Michael E Neufeld, MD, FRCS (ORTHO)**

Other financial/material support  
Board member/committee member for a professional society

Depuy Synthes, Stryker, and Zimmer Biomet.  
Canadian Arthroplasty Society

**Julius K. Oni, MD**

Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Fellowship Support: Omega, Smith and Nephew  
Zimmer, DePuy Synthes  
Journal of Orthopedic Experience and Innovation  
AAHKS, J. Robert Gladden Society

**Jesse E. Otero, MD, PhD**

Royalties (including publishers)  
Research support as a Principal Investigator  
Paid consultant

DePuy  
DePuy  
DePuy, Orchard Medical, Zimmer Biomet, Oknos Surgical

**Javad Parvizi, MD, FRCS**

Research support  
Stock or stock Options  
IP royalties  
Paid consultant  
Publishing royalties, financial or material support

3M, Aesculap; AO Spine; Biomet; Cempra; CeramTe; DePuy;  
Integra; Lima; Myoscience; National Institutes of Health (NIAMS  
& NICHD); NDRI; Novartis; OREF; Orthospace; Pfizer; Rotation  
Medical; Simplify Medical; Stelkast; Smith & Nephew; Sonata;  
Stryker; Syn

**Aris Paschalidis, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Alpesh A. Patel, MD**

Royalties  
Paid consultant  
Stock or stock options  
Medical/Orthopaedic publications editorial board  
Board member/committee member for a professional society

NuVasive, Alphatec, CTL Amedica  
Alphatec, Kuros Biosciences, Aclarion, CTL Amedica, NuVasive  
TDI LLC, Endoluxe, nView, Holorad  
JAAOS  
Cervical Spine Research Society

**Nirav K. Patel, MD, FRCS**

Medical/Orthopaedic publications editorial/governing board  
Board member/Committee Member

JOA Editorial Board  
Program Co-Chair, Virginia Orthopaedic Society Annual Meeting  
2023

**Christopher E. Pelt, MD**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Board member/committee member

TJO Inc.  
TJO Inc., 3M  
ZimmerBiomet, Immunis  
TJO Inc., Smith+Nephew  
Joint Development  
Chair Publications Committee AAHKS, Digital Education  
Committee Knee Society

**Brett C. Perricelli, MD**

Speakers bureau/paid presentations

Zimmer Biomet

Medical/Orthopaedic publications editorial/governing board

Reviewer for Journal of Arthroplasty and Arthroplasty Today

**Nicolas S. Piuze, MD**

Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Zimmer, RegenLab, Osteal Therapeutics, Signature  
Orthopaedics, Acumed  
Stryker, Pacira  
Associate editor Journal of Knee Surgery and Journal of Hip  
Surgery  
AAHKS Research Committee; ORS Clinical Research Committee

**Gregory G. Polkowski II, MD, MSc**

Royalties, Paid consultant

Enovis

**Andrew S. Poole, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Mihail C. Radulescu, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Adam J. Rana, MD**

Speakers bureau, Research support, Paid consultant  
Board member/committee member

Smith+Nephew  
AAHKS Advocacy Chair

**Hayley E. Raymond, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Alexis N. Ready, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Harold W. Rees, MD**

Medical/Orthopaedic publications editorial/governing board  
Board member/committee member  
Adult Hip program committee, AAHKS

Journal of Arthroplasty, Orthopedics  
AAOS  
Quality measures committee, Adult Hip program committee,  
AAHKS

**Michael S. Reich, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty editorial board

**Santiago Restrepo, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Camilo Restrepo, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Benjamin F. Ricciardi, MD**

Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Clinical Orthopaedics and Related Research, HSS Journal, The  
Knee, Arthroplasty Today  
AAHKS Quality Measures Committee, AAOS Adult  
Reconstruction Hip Program Committee, AAOS Practice  
Management Committee

**Steven J. Rice, DO, MS**

Editorial or governing board

JOA

**Carlos A. Rivera-Peraza, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**David Rodriguez-Quintana, MD**

Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant

Zimmer/Biomet  
Zimmer/Biomet  
Zimmer/Biomet

**Mackenzie A. Roof, MD, MBA**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Jeremy A. Ross, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Taylor M. Rowe, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Joshua C. Rozell, MD**

Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Aerobiotix, Depuy Synthes, Zimmer Biomet  
New York State Society of Orthopaedic Surgeons District 1  
Delegate  
AAOS Hip and Knee Evaluation Committee

**Garrett Ruff, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Pedro J. Rullan**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Kranti C. Rumalla, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Alexander P. Sah, MD**

Paid presenter or speaker  
Research support

Convatec, Hereaus, Medtronic, OrthAlign, Pacira  
Pacira, Smith+Nephew, Zimmer

**Mehdi S. Salimy, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Harold I. Salmons, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Eleanor H. Sato, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Arjun Saxena, MD, MBA**

Speakers bureau/paid presentations, Paid consultant  
Unpaid consultant, Ownership interest  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Corin  
Parvizi Surgical Innovations  
JOA, JOOAS, JBIS, JSOA  
AAOS, AAHKS, EOA, PA Ortho Society, NJ Ortho Society

**Andrew M. Schneider, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Dustin J. Schuett, DO**

Board member/committee member

AAOS Communications Committee Member, Medical Student Orthopaedic Society Faculty Advisory Board Member, SpeakUp Ortho Board Member, AAHKS Digital Health and Social Media Committee Member, AAHKS WIA Member

**Benjamin J. Schwartz, MD**

Board or committee member  
Editorial or governing board  
Unpaid consultant  
Stock or stock Options

AAOS, AAHKS  
JOA  
Osteoapp.ai, PrecisionOS Technology  
PrecisionOS Technology

**Peter K. Sculco, MD**

Speakers bureau/paid presentations  
Paid consultant  
Board member/committee member

Zimmer Biomet  
Zimmer Biomet, Intellijoint Surgical, Depuy Synthes, ATEC  
AAHKS Membership Outreach Committee Chair

**Eric S. Secrist, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Ali Seifi, MD**

Royalties, Patent beneficiary, Ownership interest

HiccAway hiccups tool

**Joseph Serino, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Robert A. Sershon, MD**

Independent contractor (including contracted research)  
Paid consultant

Zimmer Biomet  
Zimmer Biomet

**Roshan P. Shah, MD**

Paid consultant  
Unpaid consultant  
Ownership interest

LinkBio, ZimmerBiomet, Monogram Orthopaedics  
OnPoint Surgical  
Parvizi Surgical Innovations

**Vivek M. Shah, MD**

Royalties (including publishers)  
Speakers bureau/paid presentations  
Paid consultant  
Board member/committee member

Elsevier  
Zimmer/Biomet  
Zimmer/Biomet, Medacta, United Orthopedics, Ignite  
Orthopedics  
AAHKS

**Cambize Shahrddar Jr., MD, FACS**

Paid employee  
Medical/Orthopaedic publications editorial/governing board

WILLIS KNIGHTON MEDICAL CENTER  
JOURNAL OF ARTHROPLASTY

**Jianhua Shen, MS**



Employee  
Stock or stock Options

Stryker  
Stryker

**Neil P. Sheth, MD**

Royalties (including publishers)  
Research support as a Principal Investigator  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Elsevier; Medacta  
Medacta  
Zimmer Biomet, Smith and Nephew and Medacta  
AAOS Now and OrthoInfo  
Eastern Orthopaedic Association

**Ittai Shichman, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Ahmed Siddiqi, MD, MBA**

Stock or stock options-  
Board member/committee member

ROMTech, Stabl, Monogram orthopedics, AZ Solutions  
AAHKS, YAG

**Rafael J. Sierra, MD**

Royalties (including publishers)  
Researcher, Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Board member/committee member

Zimmer biomet, Link Orthopedics, orthalign  
Orthalign, arthrex, hip society  
Link  
Orthalign  
AAHKS, Muller Foundation, ARCO

**Jasvinder A. Singh, MD, MPH**

Speakers bureau/paid presentations  
Researcher  
Research support as a Principal Investigator  
Paid consultant

Simply Speaking  
University of Alabama Birmingham; Birmingham VA Medical center  
University of Alabama Birmingham; Birmingham VA Medical center  
Schipher, Crealta/Horizon, Medisys, Fidia, PK Med, Two labs Inc.,  
Adept Field Solutions, Clinical Care options, Clearview healthcare  
partners, Putnam associates, Focus forward, Navigant consulting,  
Spherix, MediQ, Jupiter Life Science, UBM LLC, Trio Health,  
Medscape, WebMD, and Practice Point communications; and the  
National Institutes of Health and the American College of  
Rheumatology  
member of the executive of Outcomes Measures in Rheumatology  
(OMERACT); FDA Arthritis Advisory Committee; chair of the  
Veterans Affairs Rheumatology Field Advisory Board (FAB); editor  
and the Director of the University of Alabama at Birmingham  
(UAB) Cochrane Musculoskeletal Group Satellite Center on  
Network Meta-analysis.  
Atai life sciences, kintara therapeutics, Intelligent Biosolutions,  
Acumen pharmaceutical, TPT Global Tech, Vaxart pharmaceuticals,  
Atyu biopharma, Adaptimmune Therapeutics, GeoVax Labs, Pieris  
Pharmaceuticals, Enzolytics Inc., Seres Therapeutics, Tonix  
Pharmaceuticals Holding Corp., and Charlotte's Web Holdings, Inc.  
Zimmer Biomet Holdings; Intuitive Surgical Inc./Philips Electronics  
North America.  
American College of Rheumatology

Unpaid consultant

Stock or stock options

Other financial/material support

Board member/committee member

**Aaron Singh, BA**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Vivek Singh, MD, MPH**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Zachary W. Sisko, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**James D. Slover, MD, MS**

Speakers bureau/paid presentations  
Research support as a Principal Investigator  
Paid consultant  
Board member/committee member

PACIRA  
Smith and Nephew; Zimmer Biomet  
Horizon Pharmaceutical  
AAHKS, AAOS, AJRR Steering Committee

**Mark J. Spangehl, MD**

Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board

Stryker, DepuySynthes  
Heraeus  
Sonoran Biosciences  
Journal of Arthroplasty, Arthroplasty Today

**Andrew I. Spitzer, MD**

Research support as a Principal Investigator  
Paid consultant

Pacira Biosciences, Inc.; DePuy/Synthes, Inc.  
Pacira Biosciences, Inc.; DePuy/Synthes, Inc.; BrainLab Inc.

**Jeffrey B. Stambough, MD**

Royalties  
Speakers bureau/paid presentations  
Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Signature Orthopaedics  
CurveBeam  
Smith+Nephew  
JOA  
AAHKS

**Ryan D. Stancil, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Robert S. Sterling, MD**

Medical/Orthopaedic publications editorial/governing board  
Board member/committee member

Journal of Arthroplasty  
AAOS Hip Content Committee, AAHKS Quality Measures  
Committee

**Alexander V. Strait, MS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Louis S. Stryker, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Linda I. Suleiman, MD**

Speakers bureau/paid presentations  
Paid consultant  
Board member/committee member for a professional society

Stryker, Depuy Synthes  
Corin  
AAHKS, RJOS, ODLC

**Thomas C. Sullivan, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Daniel C. Sun, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Sean A. Sutphen, DO**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Ryan M. Sutton, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Khalid Syed**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Joseph E. Tanenbaum, BA**

Research support as a Principal Investigator

OREF resident grant

**Alex Tang**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Saad Tarabichi, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Michael J. Taunton, MD**

Royalties, Patent beneficiary, Paid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Enovis  
JOA  
AAOS Hip ICL Program Committee

**Jeremiah M. Taylor, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Savyasachi C. Thakkar, MD**

Research support as a Principal Investigator  
Board member/committee member for a professional society

DePuy  
AAHKS, AAOS

**Jeremiah J. Thomas, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Joshua L. Tidd, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Yixuan Tong, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Ricardo J. Torres-Ramirez, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Robert W. Tracey, MD**

Board member/committee member

AAOS Knee Committee Member

**Emily A. Treu, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose.

**Krishna R. Tripuraneni, MD**

Research support as a Principal Investigator  
Paid consultant  
Stock or stock options (including startups)  
Medical/Orthopaedic publications editorial/governing board

ZimmerBiomet  
Exactech  
Alio, Sparta Biomedical  
Journal of Arthroplasty, Arthroplasty Today

**Robert T. Trousdale, MD**

Royalties

DePuy and Conformis

**Audrey K. Tsao, MD**

Unpaid consultant  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

Women Orthopedic Global Outreach  
JOA Associate Editor  
AAHKS Op Walk Central Board Board of Directors

**Ellen L. Tsay, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Creighton C. Tubb, MD**

Medical/Orthopaedic publications editorial/governing board

Journal of Arthroplasty - no compensation

**Nicholas Vandal**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Christian Veillette**

Paid presenter or speaker  
Research support  
Board or committee member

Zimmer Biomet, Smith & Nephew,  
Zimmer Biomet, DePuy, Smith & Nephew,  
Canadian Orthopaedic Association, CODMAN Group, Internet  
Society of Orthopaedic Surgery and Trauma  
DePuy, Mitek  
Orthogate, Orthopaedic Web Links, OrthopaedicsOne  
Orthogate, Orthopaedic Web Links, OrthopaedicsOne

Paid consultant

Editorial or governing board

Publishing royalties, financial or material support

**Brian T. Velasco, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Jonathan M. Vigdorichik, MD, FAAOS**

Royalties  
Paid consultant  
Stock or stock options  
Ownership interest  
Medical/Orthopaedic publications editorial/governing board  
Board member/committee member for a professional society

DePuy Synthes; Corin  
Stryker, Zimmer Biomet, DePuy Synthes  
Intellijoint, Corin, Ortho AI, Motion Insights, T3 Medical, Fidelis  
Ortho AI  
Bone & Joint Journal (BJJ)  
AAHKS

**Jesus M. Villa, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Matthew Walker**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Derek T. Ward, MD**

Paid consultant  
Stock or stock options

DePuy  
Advanced Scanners

**Spencer A. Ward, BS**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Jonathan E. Webb, MD**

This individual reported nothing to disclose.

This individual reported nothing to disclose

**Mitchell C. Weiser, MD**

Board member/committee member for a professional society AAOS

**Paul M. Wilkie, MD**

This individual reported nothing to disclose. This individual reported nothing to disclose

**Eric J. Wilson**

Paid employee, Researcher Anderson Orthopaedic Research Institute

**Sigita Wolfe, MA**

This individual reported nothing to disclose

**Jesse I. Wolfstadt, MD, MSc, FRCSC**

Speakers bureau/paid presentations DePuy Synthes  
 Research support as a Principal Investigator AAHKS, OTA, Canadian Orthopaedic Foundation, CIHR  
 Paid consultant Microport Orthopaedics, Depuy-Synthes, Zimmer-Biomet  
 Board member/committee member AAHKS BOD, AAHKS YAG, COA Standards Committee, CAS Education Committee

**Mehmet K. Yilmaz, MD**

This individual reported nothing to disclose. This individual reported nothing to disclose

**Richard S. Yoon, MD**

Royalties (including publishers) Springer; Arthrex; Stryker  
 Speakers bureau/paid presentations Si-Bone; Stryker; DepuySynthes  
 Research support as a Principal Investigator (even when Biocomposites; Stryker; Si- Bone; LifeNet Health; Pacira;  
 received and managed by the research institution) Organogenesis; Smith & Nephew  
 Paid consultant DepuySynthes; Stryker; Mi- Care; Si-Bone; OrthoGrid  
 Stock or stock options (including startups) WNT Technologies  
 Medical/Orthopae AcademiaMedicine  
 Foundation for Or

**Simon W. Young, MD**

Speakers bureau/paid presentations Stryker  
 Research support as a Principal Investigator Stryker, smith and nephew  
 Paid consultant Stryker  
 Medical/Orthopaedic publications editorial/governing board Journal of ISAKOS  
 Board member/committee member for a professional society NZ Joint Registry

**James J. Young, PhD**

This individual reported nothing to disclose. This individual reported nothing to disclose

**Michael J. Zarski, JD**

This individual reported nothing to disclose. This individual reported nothing to disclose

**Nina Zeng, PhD**

This individual reported nothing to disclose. This individual reported nothing to disclose

**Thompson Zhuang, MD**

This individual reported nothing to disclose. This individual reported nothing to disclose

**Michael G. Zywiol, MD, MSc, FRCSC**

Paid consultant DePuy Synthes; KCI Inc.  
 Medical/Orthopaedic publications editorial/governing board CORR; Expert Reviews of Medical Devices

**Kyle G. Alpaugh, MD**

**Michael R. Baer, MD**

**Darryl F. Cannady II, MD**

**Rajan K. Gupta, BA**

**Jacob A. Haynes, MD**

**Jeffrey S. Holmes, MD**

**Louis B. Jones, MD**

**Brian A. Klatt, MD**

**Vincent M. Moretti, MD**

**Ignacio Pasqualini, MD**

**Spencer Schulte, MD**

**Dean Weich**