

**BOARD OF DIRECTORS****Lieberman, Jay R., MD:** 1

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**Halsey, David A., MD:** 9 (AAOS; AAOS; American Association of Hip and Knee Surgeons; Vermont Medical Society; Vermont Orthopaedic Society)

**Froimson, Mark I., MD:** 3B

(Medical Compression Systems); 4 (Medical Compression Systems); 8 (American Journal of Orthopedics; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American); 9 (American Association of Hip and Knee Surgeons; Mid American Orthopaedic Association; American Orthopaedic Association)

**Barnes, C. Lowry, MD:** 1 (DJO;

Zimmer); 2 (Convatec); 3B (DJO; Zimmer); 3C (None); 4 (Livent; Responsive Orthopaedics); 5 (ConforMIS; Liventa; Pacira); 6 (Corin U.S.A.); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; JSOA); 9 (American Association of Hip and Knee Surgeons; AR Orthopaedic Society; HipKnee Arkansas Foundation; Mid American Orthopaedic Association; Southern Orthopaedic Association)

**Bolognesi, Michael P., MD:** 1

(Biomet; Zimmer); 2 (Biomet; Kinamed; Zimmer); 3B (TJO; Zimmer); 3C (Amedica); 4 (Amedica; TJO); 5 (Biomet; DePuy, A Johnson & Johnson Company; Zimmer); 6 (AOA); 8 (Arthroplasty Today; Journal of Arthroplasty; Journal of Surgical Orthopaedic Advances); 9

(American Association of Hip and Knee Surgeons; Eastern Orthopaedic Association)

**Parsley, Brian S., MD:** 1

(Conformis Inc.); 2 (Conformis; Nimbic Systems); 3B (Nimbic Systems); 4 (Nimbic Systems); 5 (Conformis); 9 (American Association of Hip and Knee Surgeons)

**Fehring, Thomas K., MD:** 1

(DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company); 6 (DePuy, A Johnson & Johnson Company); 9 (American Association of Hip and Knee Surgeons; Knee Society)

**Tsao, Audrey K., MD:** 9

(American Association of Hip and Knee Surgeons)

**Moskal, Joseph T., MD:** 1

(DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company; Medtronic; Stryker); 3B (Medtronic; Stryker); 4 (Invuity); 9 (AAOS)

**Nunley, Ryan M., MD:** 1

(Microport); 3B (Biocomposites; Blue Belt Technology; Cardinal Health; DePuy, A Johnson & Johnson Company; Integra Sciences; Medtronic; Microport; Polaris; Smith & Nephew); 5 (Biomet; DePuy, A Johnson & Johnson Company; Medical Compression Systems, Inc.; Smith & Nephew; Stryker); 9 (American Association of Hip and Knee Surgeons; Missouri State Orthopaedic Association Board Member; Southern Orthopaedic Association Board Member)

**COMMITTEE CHAIRS****Iorio, Richard, MD:** 5

(Orthosensor; pacira); 8 (Clinical Orthopaedics and Related Research; JBJS Reviews; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of the American Academy of Orthopaedic Surgeons); 9 (American Association of Hip and Knee Surgeons; Hip Society)

**Lewis, Courtland, MD:** 5

(Biomet); 9 (American Association of Hip and Knee Surgeons; CT State Medical Society; Hartford County Medical Assn)

**Jiraneck, William A., MD:** 1

(DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson

& Johnson Company); 4 (Johnson & Johnson); 5 (DePuy, A Johnson & Johnson Company; Stryker); 8 (Orthopaedic Knowledge Online); 9 (American Association of Hip and Knee Surgeons; Lifenet Health, Inc.; OLC Orthopaedic Learning Center)

**Barrett, William P., MD:** 1

(DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company)

**Yates Jr., Adolph J., MD:** 9

(American Association of Hip and Knee Surgeons)

**Peters, Christopher L., MD:**

1 (Biomet); 2 (Biomet); 3B (Biomet); 8 (Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Barnes, C. Lowry, MD:** 1 (DJO;

Zimmer); 2 (Convatec); 3B (DJO; Zimmer); 3C (None); 4 (Livent; Responsive Orthopaedics); 5 (ConforMIS; Liventa; Pacira); 6 (Corin U.S.A.); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; JSOA); 9 (American Association of Hip and Knee Surgeons; AR Orthopaedic Society; HipKnee Arkansas Foundation; Mid American Orthopaedic Association; Southern Orthopaedic Association)

**Schaffer, Jonathan L., MD:**

1 (Zin Medical, Inc. now Flex Life Healthcare); 3B (AcelRx Pharmaceuticals, Inc.; Biorita, Inc.; CardioMEMS; Compliant Innovations, LLC; SnAppSkin, Inc.; Zin Medical, Inc.); 4 (Compliant Innovations, LLC; iBalance Medical, Inc.; Biorita, Inc.); 7 (Elsevier; Taylor and Francis); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Bini, Stefano A., MD:** 8

(Arthroplasty Today, Associate Editor; Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Oakes, Daniel A., MD:** 3B

(Zimmer); 8 (Journal of Knee Surgery; Journal of the American Academy of Orthopaedic Surgeons; Orthopedics); 9 (American Association of Hip and Knee Surgeons)

**Parsley, Brian S., MD:** 1

(Conformis Inc.); 2 (Conformis;

Nimbic Systems); 3B (Nimbic Systems); 4 (Nimbic Systems); 5 (Conformis); 9 (American Association of Hip and Knee Surgeons)

**Dalury, David F., MD:** 1 (DePuy,

A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 4 (Johnson & Johnson); 5 (DePuy, A Johnson & Johnson Company); 8 (Journal of Arthroplasty)

**Voss, Frank R., MD:** 9

(AAOS Coding, Coverage and Reimbursement Committee; American Association of Hip and Knee Surgeons)

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

**MSc:** 9 (American Association of Hip and Knee Surgeons)

**Berend, Keith R., MD:** 1

(Biomet); 3B (Biomet); 5 (Biomet; Kinamed; Pacira); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Orthopedics; Reconstructive Review); 9 (AAOS Board of Specialty Societies (Knee Education Representative); American Association of Hip and Knee Surgeons; Knee Society)

**Mauerhan, David R., MD:**

1 (Biomet); 3B (Biomet); 9 (American Association of Hip and Knee Surgeons)

**Markel, David C., MD:** 1

(Stryker); 2 (Stryker); 3B (Stryker); 4 (Novi Bone and Joint Center; Stryker; Arbotetum Ventures; The CORE Institute); 5 (OREF; Stryker); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Osteoarthritis and Cartilage); 9 (Michigan Orthopaedic Society; AAHKS; Mid America Ortho Assoc)

**Geller, Jeffrey A., MD:** 3B

(OrthoSensor; Smith & Nephew); 5 (Smith & Nephew); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; American Association of Orthopaedic Surgeons)

**AMA DELAGATES****Dangles, Chris. J., MD:** 9

(AAHKS Advocacy Committee)

**Tanner, Edward C., MD:** (n)



## PROGRAM COMMITTEE

**Polkowski II, Gregory G., MD, MSc:** 9 (American Association of Hip and Knee Surgeons)

**Clohisy, John C., MD:** 3B (Microport Orthopedics, Inc.; Smith & Nephew); 5 (Pivot Medical; Smith & Nephew; Zimmer); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins)

**Davis III, Charles M., MD:** 8 (Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Molloy, Robert M., MD:** 2 (Stryker); 3B (Stryker); 5 (Stryker; Zimmer)

**Parvizi, Javad, MD, FRCS:** 3B (CeramTec; ConvaTec; Medtronic; Smith & Nephew; TissueGene; Zimmer); 4 (CD Diagnostics; Hip Innovation Technology; PRN); 5 (3M; Cemptra; CeramTec; DePuy, A Johnson & Johnson Company; National Institutes of Health (NIAMS & NICHD); OREF; Smith & Nephew; StelKast; Stryker; Zimmer); 7 (Datatrace; Elsevier; Jaypee Publishing; SLACK Incorporated; Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of Bone and Joint Surgery - British); 9 (Eastern Orthopaedic Association; Muller Foundation)

**Taunton, Michael J., MD:** 3B (DJ Orthopaedics); 5 (Stryker); 8 (Journal of Arthroplasty); 9 (AAOS; Minnesota Orthopedic Society)

**Della Valle, Craig J., MD:** 1 (Biomet); 3B (Biomet; DePuy, A Johnson & Johnson Company; Smith & Nephew); 4 (CD Diagnostics); 5 (Biomet; CD Diagnostics; Smith & Nephew; Stryker); 7 (SLACK Incorporated); 8 (Orthopedics Today; SLACK Incorporated); 9 (American Association of Hip and Knee Surgeons; Arthritis Foundation; Hip Society; Knee Society; Mid America Orthopaedic Association)

**Dalury, David F., MD:** 1 (DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 4 (Johnson & Johnson); 5 (DePuy, A Johnson & Johnson Company); 8 (Journal of Arthroplasty)

## ABSTRACT REVIEWERS

**Bezwada, Hari, MD:** 2 (Ortho Development; Zimmer); 3B (Ortho Development; Zimmer); 4 (CD Diagnostics); 8 (Journal of Arthroplasty)

**Bostrom, Mathias P. G., MD:** 3B (Smith & Nephew); 5 (Bone Support; Smith & Nephew); 8 (Springer); 9 (Orthopaedic Research Society)

**Browne, James Andrew, MD:** 3B (Biocomposites Ltd; DJ Orthopaedics; Ethicon); 8 (American Journal of Orthopedics; Journal of Arthroplasty)

**Chen, Antonia, MD, MBA:** 3B (ACI; Joint Purification Systems); 5 (3M; Myoscience); 7 (SLACK Incorporated); 9 (AAOS)

**Clohisy, John C., MD:** 3B (Microport Orthopedics, Inc.; Smith & Nephew); 5 (Pivot Medical; Smith & Nephew; Zimmer); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins)

**Cooper, Herbert John, MD:** 3B (KCI; Medacta USA; Smith & Nephew; Zimmer); 5 (KCI); 8 (Journal of Arthroplasty); 9 (AAOS)

**Cross, Michael B., MD:** 1 (Smith & Nephew); 3B (Acelity; Exactech, Inc; Intellijoint; Link Orthopaedics; Smith & Nephew); 5 (Smith & Nephew); 8 (Bone and Joint Journal 360; Journal of Orthopaedics and Traumatology; Techniques in Orthopaedics)

**Curtin, Brian Matthew, MD:** 2 (DePuy, A Johnson & Johnson Company); 3B (Iroko Pharmaceuticals; Johnson & Johnson); 8 (Clinical Orthopaedics and Related Research; European Journal of Orthopaedic Surgery and Traumatology; Journal of Arthroplasty; Orthopedics); 9 (American Association of Hip and Knee Surgeons; American Joint Replacement Registry Review Commission; International Congress for Joint Reconstruction)

**Dalury, David F., MD:** 1 (DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 4 (Johnson & Johnson); 5 (DePuy, A Johnson & Johnson Company); 8 (Journal of Arthroplasty)

**Davis III, Charles M., MD:** 8 (Journal of Arthroplasty); 9 (AAOS; American Association of

Hip and Knee Surgeons)

**Deirmengian, Gregory K., MD:** 2 (Zimmer); 3B (Synthes, Zimmer, Biomet); 4 (CD Diagnostics, Biostar ventures; Domain; Trice); 5 (CD Diagnostics; Zimmer); 7 (Journal of Bone and Joint Surgery - American); 8 (Journal of Arthroplasty)

**Della Valle, Craig J., MD:** 1 (Biomet); 3B (Biomet; DePuy, A Johnson & Johnson Company; Smith & Nephew); 4 (CD Diagnostics); 5 (Biomet; CD Diagnostics; Smith & Nephew; Stryker); 7 (SLACK Incorporated); 8 (Orthopedics Today; SLACK Incorporated); 9 (American Association of Hip and Knee Surgeons; Arthritis Foundation; Hip Society; Knee Society; Mid America Orthopaedic Association)

**Dennis, Douglas A., MD:** 1 (DePuy, A Johnson & Johnson Company; Innomed); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 4 (Joint View); 5 (DePuy, A Johnson & Johnson Company, Porter Adventist Hospital); 8 (Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Clinical Orthopaedics and Related Research; Orthopedics Today)

**Diaz, Claudio, MD:** (n)

**Duncan, Stephen Thomas, MD:** 3B (Mitek; Smith & Nephew); 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons)

**Fabi, David W., MD:** 2 (Medtronic)

**Goetz, Devon D., MD:** 8 (Clinical Orthopaedics and Related Research); 9 (society for arthritic joint surgery)

**Golladay, Gregory, MD:** 1 (Orthosensor, Inc); 2 (Orthosensor, Inc.); 3B (Cayenne Medical, Inc; Orthosensor; Stryker); 4 (Orthosensor, Inc.); 5 (Orthosensor); 8 (Editorial Board, Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; Medical Society of Virginia)

**Della Valle, Alejandro Gonzalez, MD:** 3B (Link Orthopaedics; Merz Pharmaceuticals; Orthodevelopment; Orthosensor)

**Goyal, Nitin, MD:** 3B (Cayenne Medical; Stryker)

**Hansen, Erik Nathan, MD:** (n)

Higgins, Michael E., MD: 3B (Biomet); 4 (Johnson & Johnson; Stryker)

**Higuera Rueda, Carlos A.:** 3B (Covidien; KCI); 5 (KCI; Myoscience; Stryker); 8 (American Journal of Orthopedics)

**Hill, Derek L., DO:** (n)

**Hull, Jason Ray, MD:** (n)

**Keeney, James A., MD:** 9 (Society of Military Orthopaedic Surgeons)

**Kelley, Todd C., MD:** (n)

**Kissin, Yair David, MD:** 2 (Ethicon; Pacira); 3B (Ethicon; Pacira); 8 (American Journal of Orthopedics; Knee Journal); 9 (AAOS, Adult Knee Committee)

**Klatt, Brian A., MD:** 6 (Cemptra Pharmaceuticals); 7 (SLACK Incorporated; Saunders/Mosby-Elsevier, Operative Techniques in Orthopaedics); 8 (Journal of Arthroplasty); 9 (AAOS, AAHKS Abstract Review Committee)

**Kolessar, David J., MD:** (n)

**Lang, Jason Edward, MD:** 3B (Smith & Nephew); 5 (Smith & Nephew)

**Levine, Brett Russell, MD:** 3B (Link Orthopaedics; McGraw-Hill; Orthoview; Zimmer); 5 (Biomet; Zimmer); 8 (Human kinetics; SLACK Incorporated); 9 (American Association of Hip and Knee Surgeons; CORD)

**Manson, Theodore Thomas, MD:** 1 (Stryker); 3B (Stryker); 8 (Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Marshall-Rodriguez, Amanda D., MD:** 9 (American Association of Hip and Knee Surgeons; OpWalk USA)

**Mayman, David Jacob, MD:** 2 (Mako; Smith & Nephew); 3B (Smith & Nephew; Mako); 4 (OrthAlign)

**Melvin III, James Stuart, MD:** 3B (OrthoMedFlex LLC); 4 (Gilead); 9 (American Association of Hip and Knee Surgeons)

**Meneghini, R. Michael, MD:** 1 (Stryker); 3B (Stryker); 5 (Stryker); 8 (Journal of Arthroplasty); 9 (Knee Society)

**Mortazavi, S. M. Javad, MD:** (n)

**Nam, Denis, MD, MSc:** 3B (KCI); 4 (OrthAlign Inc.); 5 (EOS Imaging)

**Nandi, Sumon, MD:** 8 (Journal



of Arthroplasty); 9 (American Association of Hip and Knee Surgeons)

**Nunley, Ryan, MD:** 1 (Microport); 3B (Biocomposites; Blue Belt Technology; Cardinal Health; DePuy, A Johnson & Johnson Company; Integra Sciences; Medtronic; Microport; Polaris; Smith & Nephew); 5 (Biomet; DePuy, A Johnson & Johnson Company; Medical Compression Systems, Inc.; Smith & Nephew; Stryker); 9 (American Association of Hip and Knee Surgeons; Missouri State Orthopaedic Association Board Member; Southern Orthopaedic Association Board Member)

**Pagnotto, Michael R., MD:** (n)

**Parvizi, Javad, MD, FRCS:** 3B (CeramTec; ConvaTec; Medtronic; Smith & Nephew; TissueGene; Zimmer); 4 (CD Diagnostics; Hip Innovation Technology; PRN); 5 (3M; Cempira; CeramTec; DePuy, A Johnson & Johnson Company; National Institutes of Health (NIAMS & NICHD); OREF; Smith & Nephew; StelKast; Stryker; Zimmer); 7 (DataTrace; Elsevier; Jaypee Publishing; SLACK Incorporated; Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of Bone and Joint Surgery - British); 9 (Eastern Orthopaedic Association; Muller Foundation)

**Perricelli, Brett Christopher, MD:** 2 (Biomet; Pacira Pharmaceuticals Inc); 3B (Pacira Pharmaceuticals Inc); 4 (Pacira Pharmaceuticals Inc); 8 (Journal of Arthroplasty); 9 (AAHKS - Abstract Review Committee; AAHKS - Patient Educational Committee Member)

**Polkowski II, Gregory G., MD:** 9 (American Association of Hip and Knee Surgeons)

**Schroder, David T., MD:** 4 (Pacira; Pfizer)

**Schwarzkopf, Ran, MD:** 3B (Intelijoint; Smith & Nephew); 4 (Gauss surgical; Pristine); 5 (Pricaria); 8 (Arthroplasty Today; Journal of Arthroplasty); 9 (AAOS)

**Suarez, Juan C., MD:** 2 (DePuy, A Johnson & Johnson Company); 4 (Pacira)

**Whited, Brent William, MD:** (n)

**Wickline, Andrew B., MD:** (n)

## STAFF

**Creed, Sharon:** (n)

**Furlan, Jean:** (n)

**Kerr, Joshua:** (n)

**Lusk, Eileen:** (n)

**Rodd, Denise:** (n)

**Rose, Patti:** (n)

**Stewart, Krista M.:** (n)

**Zarski, Michael J., JD:** 9 (American Association of Hip and Knee Surgeons)

## FACULTY

**Abdel, Matthew P., MD:** 8 (European Journal of Orthopaedic Surgery and Traumatology; Journal of Bone and Joint Surgery - British; Journal of Orthopaedic Research; Journal of Orthopaedics and Traumatology); 9 (Minnesota Orthopaedic Society)

**Abella, Linda D., RN:** (n)

**Aguilar, Thomas U., MS:** (n)

**Alexander, Clayton, MD:** (n)

**Alijanipour, Pouya, MD:** (n)

**Alvarez, Andrew P., BS:** (n)

**Alvi, Hasham M., MD:** (n)

**Amanatullah, Derek, MD:** 3B (Sanofi); 7 (Medscape)

**An, Tonya W., BS:** (n)

**Anatchkova, Milena, PhD:** 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company); 6 (Institutional Support: DePuy, A Johnson & Johnson Company; Stryker; Smith & Nephew)

**ANCHOR Group:** (n)

**Anderson, Lucas, MD:** (n)

**Anderson, Mike B., MS, ATC:** (n)

**Austin, Matthew, MD:** 1 (Zimmer); 2 (DePuy, A Johnson & Johnson Company; Zimmer); 3B (Zimmer); 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; AAOS)

**Ayers, David Christopher, MD:** 8 (Journal of Bone and Joint Surgery - American); 9 (AAOS; American Orthopaedic Association; American Orthopaedic Association)

**Baca, Geneva, BA:** (n)

**Bagheri, Behrad, MS:** (n)

**Baghoolizadeh, Mahta, BS:** (n)

**Baratta, Jaime L., MD:** (n)

**Barr, Christopher Joseph, BS:** 6 (Zimmer); 8 (Journal of Bone and Joint Surgery - American; Spine)

**Barrack, Robert L., MD:** 1 (Stryker); 3B (Stryker); 5 (Biomet; Medical Compression Systems; National Institutes of Health (NIAMS & NICHD); Smith & Nephew; Stryker; Wright Medical Technology, Inc.); 6 (Stryker); 7 (The McGraw-Hill Companies Inc; Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Bone and Joint Surgery - American; Journal of Bone and Joint Surgery - British); 9 (Hip Society; Knee Society)

**Barry, Jeffrey, MD:** (n)

**Bas, Marcel A., MD:** (n)

**Bayan, Ali, FRACS:** 2 (Lima); 3B (Lima)

**Beal, Matthew D., MD:** 1 (Medacta); 3B (Medacta; Zimmer; Zimmer); 5 (Medacta; National Institutes of Health (NIAMS & NICHD); Zimmer; Stryker; Mako Surgical); 9 (AAOS)

**Beauchamp, Christopher Paul, MD, FRCS:** (n)

**Beaule, Paul E., MD, FRCS:**

1 (Corin U.S.A.; MEDACTA; MicroPort Orthopedics); 2 (MEDACTA; MicroPORT; Smith & Nephew); 3B (Biomet; Corin U.S.A.; DePuy, A Johnson & Johnson Company; MEDACTA; Smith & Nephew); 5 (Corin U.S.A.; DePuy, A Johnson & Johnson Company; MicroPORT); 6 (Journal of Bone and Joint Surgery - American; Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Bone and Joint Surgery - American; Wolters Kluwer Health - Lippincott Williams & Wilkins)

**Beausang, David Howe, ATC, BA, BOC, BOCO, BOCP, BS, BSN, CAE:** (n)

**Bedard, Nicholas, MD:** (n)

**Bedi, Asheesh, MD:** 3B (Arthrex, Inc); 4 (A3 Surgical ); 7 (SLACK Incorporated; Springer); 8 (Journal of Shoulder and Elbow Surgery); 9 (American Orthopaedic Society for Sports Medicine)

**Behfar, Atta, MD, PhD:** (n)

**Bellamy, Jaime Lyn, DO:** (n)

**Berend, Keith R., MD:** 1 (Biomet); 3B (Biomet); 5 (Biomet);

Kinamed; Pacira); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Orthopedics; Reconstructive Review); 9 (AAOS Board of Specialty Societies (Knee Education Representative); American Association of Hip and Knee Surgeons; Knee Society)

**Berend, Michael E., MD:**

1 (Biomet); 3B (Biomet); 4 (Orthalign); 5 (Biomet; Johnson & Johnson, into our 501c3 research foundation; Stryker); 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; Joint Replacement Surgeons of Indiana Research Foundation; Piedmont Ortho)

**Berry, Daniel J., MD:** 1 (DePuy, A Johnson & Johnson Company; DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company); 7 (Elsevier; Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Bone and Joint Surgery - American); 9 (American Joint Replacement Registry; Hip Society; Mayo Clinic Board of Governors)

**Bhat, Suneel B., MD:** (n)

**Bingham, Joshua, MD:** (n)

**Bini, Stefano A., MD:** 8 (Arthroplasty Today, Associate Editor; Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Bolognesi, Michael P., MD:** 1 (Biomet; Zimmer); 2 (Biomet; Kinamed; Zimmer); 3B (TJO; Zimmer); 3C (Amedica); 4 (Amedica; TJO); 5 (Biomet; DePuy, A Johnson & Johnson Company; Zimmer); 6 (AOA); 8 (Arthroplasty Today; Journal of Arthroplasty; Journal of Surgical Orthopaedic Advances); 9 (American Association of Hip and Knee Surgeons; Eastern Orthopaedic Association)

**Bohl, Daniel D., MD, MPH:** (n)

**Bozic, Kevin John, MD, MBA:** 3B (Institute for Healthcare Improvement; Yale-New Haven Center for Outcomes Research); 9 (AAOS; American Joint Replacement Registry; Orthopaedic Research and Education Foundation)

**Bragdon, Charles R., PhD:** 1 (Zimmer); 5 (MAKO Surgical; Zimmer)



- Briant-Evans, Toby, FRCS:** 5 (Biomet)
- Browne, James Andrew, MD:** 3B (Bicomposites Ltd; DJ Orthopaedics; Ethicon); 8 (American Journal of Orthopedics; Journal of Arthroplasty)
- Burns, Michael, MD:** (n)
- Butler, Paul, MD:** (n)
- Caccavallo, Peter, MD:** (n)
- Callaghan, John J., MD:** 1 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins; Journal of Arthroplasty (Deputy Editor)); 8 (Journal of Arthroplasty); 9 (International Hip Society; Knee Society; Orthopaedic Research and Education Foundation)
- Cancienne, Jourdan Michael, MD:** (n)
- Carter, Joshua, MD:** (n)
- Chalmers, Brian, MD:** (n)
- Chalmers, Peter Nissen, MD:** (n)
- Chen, Antonia, MD, MBA:** 3B (ACI; Joint Purification Systems); 5 (3M; Myoscience); 7 (SLACK Incorporated); 9 (AAOS)
- Clohisy, John C., MD:** 3B (Microport Orthopedics, Inc.; Smith & Nephew); 5 (Pivot Medical; Smith & Nephew; Zimmer); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins)
- Coleman, Jacob James, BS:** (n)
- Cooper, Herbert John, MD:** 3B (KCI; Medacta USA; Smith & Nephew; Zimmer); 5 (KCI); 8 (Journal of Arthroplasty); 9 (AAOS)
- Cox, John, MD:** (n)
- Cross III, William Wood, MD:** 3B (Zimmer); 8 (Clinical Orthopaedics and Related Research; Journal of Orthopaedic Research; Journal of Orthopaedics and Traumatology; Journal of the American Academy of Orthopaedic Surgeons)
- Dalury, David F., MD:** 1 (DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 4 (Johnson & Johnson); 5 (DePuy, A Johnson & Johnson Company); 8 (Journal of Arthroplasty)
- Davis III, Charles M., MD, PhD:** 8 (Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)
- D'Apuzzo, Michele R., MD:** (n)
- DeHart, Matthew, MPH:** (n)
- Deirmengian, Carl A., MD:** 2 (Zimmer); 3B (Synthes; Zimmer; Biomet); 4 (Biostar Venture Fund partner; CD Diagnostics; Trice; Domain); 5 (Zimmer; CD Diagnostics); 7 (Journal of Bone and Joint Surgery - American)
- Deirmengian, Gregory K., MD:** 2 (Zimmer); 3B (Synthes; Zimmer; Biomet); 4 (CD Diagnostics; Biostar ventures; Domain; Trice); 5 (CD Diagnostics; Zimmer); 7 (Journal of Bone and Joint Surgery - American); 8 (Journal of Arthroplasty)
- Della Valle, Craig J., MD:** 1 (Biomet); 3B (Biomet; DePuy, A Johnson & Johnson Company; Smith & Nephew); 4 (CD Diagnostics); 5 (Biomet; CD Diagnostics; Smith & Nephew; Stryker); 7 (SLACK Incorporated); 8 (Orthopedics Today; SLACK Incorporated); 9 (American Association of Hip and Knee Surgeons; Arthritis Foundation; Hip Society; Knee Society; Mid America Orthopaedic Association)
- Diesfeld, Paul, PA-C:** (n)
- Dimitriou, Dimitris, MD:** (n)
- Duchman, Kyle, MD:** (n)
- Duncan, Stephen Thomas, MD:** 3B (Mitek; Smith & Nephew); 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons)
- Duwelius, Paul J., MD:** 1 (Zimmer); 2 (Signature Health Care); 3B (Zimmer); 4 (UniteOR); 5 (Providence Orthopedic Foundation & Director of Providence Orthopedic Institute; Zimmer); 7 (Journal of Bone and Joint Surgery - American; Journal of Bone and Joint Surgery - American); 8 (Clinical Orthopaedics and Related Research); 9 (AAOS; Operation Walk-Freedom to Move CEO)
- Edelstein, Adam, MD:** (n)
- El Dafrawy, Mostafa Hassib, MD:** (n)
- Electricwala, Ali J., MD:** (n)
- Elkins, Jacob, MD, PhD:** (n)
- Erickson, Jill, PA:** (n)
- Farrington, Bill, FRACS, FRCS, FRCS (ortho), MBBS:** 3B (LIMA; Stryker); 5 (LIMA; Stryker)
- Fathima, Samreen, MPH:** (n)
- Fehring, Keith, MD:** 1 (DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company); 6 (DePuy, A Johnson & Johnson Company); 9 (American Association of Hip and Knee Surgeons; Knee Society)
- Fehring, Thomas K., MD:** 1 (DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company); 9 (American Association of Hip and Knee Surgeons; Knee Society)
- Fillingham, Yale, MD:** (n)
- Frangiamore, Salvatore Joseph, MD, MS:** (n)
- Franklin, Patricia D., MD:** 5 (Zimmer)
- Freiberg, Andrew A., MD:** 1 (Biomet; Zimmer); 3B (Zimmer; Biomet; Medtronic); 4 (ArthroSurface; Orthopaedic Technology Group)
- Froimson, Mark I., MD:** 3B (Medical Compression Systems); 4 (Medical Compression Systems); 8 (American Journal of Orthopedics; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American); 9 (American Association of Hip and Knee Surgeons; Mid American Orthopaedic Association)
- Gagnier, Joel Joseph, PhD:** (n)
- Gandek, Barbara, PhD:** (n)
- Gao, Yubo, PhD:** (n)
- Garvin, Kevin L., MD:** 3C (TRAK Surgical, Omaha NE); 8 (Wolters Kluwer Health - Lippincott Williams & Wilkins); 9 (AAOS; American Orthopaedic Association; Hip Society; Knee Society)
- Gehling, Paxton Alexander, BS:** (n)
- Gera Jr., James T., MBA:** (n)
- Gerlinger, Tad L., COL. (ret), MD:** 3B (Smith & Nephew); 9 (Society of Military Orthopaedic Surgeons)
- Gilbert, Jeremy, PhD:** 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company; Stryker; Zimmer); 5 (DePuy, A Johnson & Johnson Company; Stryker); 7 (Journal of Biomedical Materials Research - Part B: Applied Biomaterials); 8 (Journal of Biomechanical Materials Research - Part B: Applied Biomaterials)
- Goff, Brandon, DO:** (n)
- Golladay, Gregory, MD:** 1 (Orthosensor, Inc); 2 (Orthosensor, Inc.); 3B (Cayenne Medical, Inc; Orthosensor; Stryker); 4 (Orthosensor, Inc.); 5 (Orthosensor); 8 (Editorial Board, Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; Medical Society of Virginia)
- Goodman, Stuart Barry, MD:** 3B (Integra); 3C (Accelalox; Biomimex); 4 (Accelalox; Biomimex; StemCor); 5 (Baxter; DJ Orthopaedics); 7 (ABJS: Clinical Orthopaedics and Related Research; Biomaterials; Journal of Orthopaedic Research); 8 (Biomaterials; Clinical Orthopaedics and Related Research; J Arthroplasty; J Biomed Mater Res; Journal of Orthopaedic Research; Open Orthopaedics Journal; Orthopedics; Regenerative Engineering and Translational Medicine); 9 (AAOS; AAOS; Biological Implants Committee AAOS; Society For Biomaterials)
- Goyal, Nitin, MD:** 3B (Cayenne Medical; Stryker)
- Grayson, Christopher W., MD:** (n)
- Greene, Meridith E., PhD:** 6 (Biomet; Zimmer)
- Greenwald, A. Seth, D.Phil. (Oxon):** 5 (Aesculap/B.Braun; Biomedical Development Corporation; Biomet; DePuy, A Johnson & Johnson Company; Iconacy Orthopedics; ImplantCast; Intellirod; Lima Corporate; MatOrtho; Maxx Orthopedics; Medacta; OmniLife Science; Ranier; Smith & Nephew; Total Joint Orthopedics (TJO); Zimmer); 6 (Seminars in Arthroplasty); 7 (Seminars in Arthroplasty); 8 (Hospital for Special Surgery Journal; Journal of Arthroplasty; Journal of Orthopaedic Surgery (APOA); Journal of the Korean Orthopaedic Association; Orthopedics; Orthopedics Today; Video Journal of Orthopaedics); 9 (AAOS; Orthopaedic Research and Education Foundation)
- Gross, Erwin:** (n)



- Haight, Holly J., MD:** (n)
- Hall, Brett, MD:** (n)
- Hallstrom, Brian Richard, MD:** 9 (AAOS)
- Halsey, David A., MD:** 9 (AAOS; AAOS; American Association of Hip and Knee Surgeons; Vermont Medical Society; Vermont Orthopaedic Society)
- Hamilton, William G., MD:** 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 5 (Biomet; DePuy, A Johnson & Johnson Company; Inova Health Care Services)
- Hansen, Erik Nathan, MD:** (n)
- Hanssen, Arlen D., MD:** 1 (Stryker); 5 (Stryker); 7 (Elsevier); 9 (International Congress for Joint Reconstruction (ICJR))
- Hartman, Curtis W., MD:** 2 (Smith & Nephew); 3B (Smith & Nephew); 4 (Trak Surgical, Inc); 5 (Pfizer; Smith & Nephew)
- Haynes, Jacob, MD:** (n)
- Heller, Snir, MD:** (n)
- Hernandez, Victor H., MD, MS:** (n)
- Higgs, Genymphas B.:** (n)
- Higuera Rueda, Carlos A., MD:** 3B (Covidien; KCI); 5 (KCI; Myoscience; Stryker); 8 (American Journal of Orthopedics)
- Hopper, Robert, PhD:** (n)
- Houdek, Matthew, MD:** (n)
- Howard, James, MD:** 2 (DePuy, A Johnson & Johnson Company; Stryker); 3B (DePuy, A Johnson & Johnson Company; Stryker); 5 (DePuy, A Johnson & Johnson Company); 6 (DePuy, A Johnson & Johnson Company; Microport; Smith & Nephew; Stryker; Zimmer)
- Hozack, William J., MD:** 1 (Stryker); 3B (Stryker); 5 (Stryker); 8 (Journal of Arthroplasty); 9 (Hip Society)
- Huang, Ronald, MD:** (n)
- Huddleston III, James I., MD:** 1 (Exactech, Inc); 2 (Exactech, Inc; Zimmer); 3B (Biomet; California Joint Replacement Registry; Exactech, Inc; Porosteon; Zimmer); 4 (Porosteon); 5 (American Knee Society; Biomet; Robert Wood Johnson Foundation); 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; California Joint Replacement Registry)
- Hurst, Jason M., MD:** 3B (Zimmer Biomet); 5 (Kinamed; Orthosensor; Pacira Pharmaceuticals; Zimmer Biomet)
- Iorio, Richard, MD:** 5 (Orthosensor; Pacira); 8 (Clinical Orthopaedics and Related Research; JBJS Reviews; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of the American Academy of Orthopaedic Surgeons); 9 (American Association of Hip and Knee Surgeons; Hip Society)
- Ishmael, Marshall, BS:** (n)
- Jacobs, Joshua J., MD:** 4 (Implant Protection); 5 (Medtronic Sofamor Danek; Nuvasive; Zimmer); 9 (Hip Society)
- Jain, Rajesh K., MD, MPH:** 8 (Journal of Arthroplasty)
- James, Hannah Elizabeth, BA:** 1 (DePuy, A Johnson & Johnson Company); 2 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company)
- Jiraneck, William A., MD:** 1 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 4 (Johnson & Johnson); 5 (DePuy, A Johnson & Johnson Company; Stryker); 8 (Orthopaedic Knowledge Online); 9 (American Association of Hip and Knee Surgeons; Lifenet Health, Inc.; OLC Orthopaedic Learning Center)
- Johanson, Per-Erik, MD:** 5 (Biomet; DePuy, A Johnson & Johnson Company; Lima; Link; Smith & Nephew; Stryker; Zimmer)
- Johnson, Staci, M.Ed:** (n)
- Kao, Y. Julia, MD:** (n)
- Kaufmann, Marc, DO:** (n)
- Kayupov, Erdan, MS:** (n)
- Kazarian, Gregory, BA:** (n)
- Keeney, James A., MD:** 9 (Society of Military Orthopaedic Surgeons)
- Khanuja, Harpal "Paul" Singh, MD:** 8 (Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)
- Kheir, Michael Maher, BS:** (n)
- Klein, Gregg R., MD:** 2 (Zimmer); 3B (Zimmer); 5 (Zimmer); 8 (American Journal of Orthopedics; Journal of Bone and Joint Surgery - American; Journal of Arthroplasty); 9 (AAOS)
- Klingenstein, Gregory G., MD:** (n)
- Koch, Chelsea, BS:** (n)
- Kowalik, Thomas D., MD:** (n)
- Kraay, Matthew J., MD:** 3C (Scientific Advisory Board for Cellbank)
- Kurtz, Steven M., PhD:** 2 (I am an employee and shareholder of Exponent, a scientific and engineering consulting firm. Exponent has been paid fees by companies and suppliers for my presentations (see 5, below).); 3B (I am an employee and shareholder of Exponent, a scientific and engineering consulting firm. Exponent has been paid fees by companies and suppliers for my consulting services on behalf of such companies and suppliers (see 5, below).); 5 (Active Implants; Aesculap/B.Braun; Ferring Pharmaceuticals; Simplify Medical; Smith & Nephew; Stryker; Zimmer; Biomet; DePuy Synthes; Medtronic; Invibio; Stelkast; Celanese; Formae; Kyocera Medical; Wright Medical Technology; Ceramtec; DJO); 6 (My employer, Exponent, provides consulting services to other medical device companies, not listed under 5, and receives fees for those services.); 7 (Elsevier)
- Kuwabara, Anne, BA:** (n)
- Kuzma, Alexander L., MD:** (n)
- Kwon, Young-Min, MD, PhD:** 5 (Principal Investigator; Institutional funding from Zimmer, Mako Surgical, Stryker, Biomet)
- Lanting, Brent, MD:** 5 (DePuy, A Johnson & Johnson Company; Smith & Nephew; Stryker; Wright Medical Technology, Inc.; Zimmer)
- LeMarr, Angela, RN:** (n)
- Lewallen, David G., MD:** 1 (Mako/Stryker; Pipeline; Zimmer); 2 (Zimmer); 3B (pipeline biomedical holdings; Zimmer); 3C (Ketai Medical Devices); 4 (Ketai Medical Devices); 9 (American Joint Replacement Registry; Orthopaedic Research and Education Foundation)
- Lewis, Courtland G., MD:** 5 (Biomet); 9 (American Association of Hip and Knee Surgeons; CT State Medical Society; Hartford County Medical Assn)
- L'Hommedieu, Coles E., MD:** (n)
- Li, Guoan, PhD:** 3 (Mako Medical)
- Li, Wenjun, PhD:** (n)
- Lieberman, Jay R., MD:** 1 (DePuy, A Johnson & Johnson Company); 3B (Arthrex, Inc; DePuy, A Johnson & Johnson Company); 4 (Hip Innovation Technology); 5 (Arthrex, Inc); 7 (Saunders/Mosby-Elsevier); 8 (American Association of Hip and Knee Surgeons; Journal of Arthroplasty; Journal of the American Academy of Orthopaedic Surgeons); 9 (AAOS; Western Orthopaedic Association)
- Lombardi, Jr., Adolph V., MD, FACS:** 1 (Biomet; Innomed; Orthosensor); 3B (Biomet; Orthosensor; Pacira Pharmaceuticals, Inc.); 5 (Biomet; Kinamed; OrthoSensor; Pacira Pharmaceuticals, Inc.); 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of Orthopaedics and Traumatology; Journal of the American Academy of Orthopaedic Surgeons; Knee; Surgical Technology International); 9 (Hip Society; Knee Society; Mount Carmel Education Center at New Albany; Operation Walk USA)
- Longaray, Jason Augusto:** 3A (Stryker)
- Lyman, Stephen, PhD:** 8 (HSS Journal; ISAKOS Journal (new journal); Journal of Bone and Joint Surgery - American); 9 (International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine)
- MacDonald, Daniel, MS:** 5 (StelKast)
- Malchau, Henrik, MD:** 1 (Stryker); 3B (Ceramtec); 3C (Biomet); 4 (RSA Biomedical Inc); 5 (Biomet; Zimmer; MAKO; DePuy; Smith & Nephew.); 9 (International Hip Society; ISAR (International Society for Arthroplasty Registries); RSA Biomedical; Scientific advisor for Biomet in northern Europe)
- Maloney, William J., MD:** 1 (Stryker; Zimmer); 3B (Flexion Therapeutics, Inc. - Scientific Advisory Board; ISTO Technologies, Inc - Board of Directors); 4 (Abbott; Flexion Therapeutics, Inc. -; Gilead; ISTO Technologies (Start up ); Johnson & Johnson; Merck; Moximed; Pfizer; Pipeline



Orthopaedics; Stemedica (Start up); TJO); 8 (Journal of Orthopaedic Research; Journal of Orthopaedic Science); 9 (AAOS; AJRR; American Association of Hip and Knee Surgeons; Flexion Therapeutics, Inc.; ISTO Technologies, Inc.; Stemedica; Western Orthopaedic Association)

**Maltenfort, Mitchell, PhD:** (n)

**Manning, David W., MD:** 1 (Biomet); 2 (Medacta); 3B (Biomet, Medacta); 4 (Iconacy); 9 (AAOS: Program Committee-Subcommittee Adult Hip)

**Maratt, Joseph Dominic, MD:** 3A (Alexion Pharmaceuticals; Biogen; Momenta Pharmaceuticals); 4 (Alexion Pharmaceuticals; Asterias Biotherapeutics; Biogen; Merck; Momenta Pharmaceuticals; Sanofi-Aventis)

**Martin, Christopher T., MD:** 6 (Globus Medical; Medtronic); 9 (AAOS; Musculoskeletal Transplant Foundation)

**Marwin, Scott E., MD:** 1 (Smith & Nephew); 2 (Smith & Nephew); 3B (Smith & Nephew)

**Masonis, John Leander, MD:** 1 (Smith & Nephew); 2 (Smith & Nephew); 3B (Smith & Nephew)

**Matthews, Christopher N., BS:** (n)

**McAlister, Ian P., MD:** (n)

**Meneghini, R. Michael, MD:** 1 (Stryker); 3B (Stryker); 5 (Stryker); 8 (Journal of Arthroplasty); 9 (Knee Society)

**Mihalko, William Michael, MD, PhD:** 1 (Aesculap/B.Braun); 2 (Aesculap/B.Braun); 3B (Aesculap/B.Braun; Medtronic; Panoramic Healthcare); 5 (Aesculap/B.Braun; MicroPort; Smith & Nephew; Stryker); 7 (Saunders/Mosby-Elsevier; Springer); 8 (International Journal of Orthopaedics; Journal of Arthroplasty; Journal of Orthopaedic Research; Knee; The Journal of Long Term Effects of Medical Implants); 9 (American Board of Orthopaedic Surgery, Inc.; American Orthopaedic Association; ASTM International)

**Mirza, Amer J., MD:** 3C (Acumed, LLC)

**Mokris, Jeffrey G., MD:** 2 (Corin U.S.A.; DePuy, A Johnson & Johnson Company); 3B (Corin U.S.A.; DePuy, A Johnson & Johnson Company)

**Mont, Michael A., MD:** 1 (Stryker); 3B (DJ Orthopaedics; Medical Compression Systems; Sage Products, Inc.; Stryker; TissueGene); 5 (DJ Orthopaedics; National Institutes of Health (NIAMS & NICHHD); Sage Products, Inc.; Stryker; Tissue Gene); 8 (American Journal of Orthopedics; Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of Knee Surgery; Orthopedics; Surgical Techniques International); 9 (AAOS)

**Moric, Mario, MS:** 3B (Zimmer)

**Morris, Michael J., MD:** 3B (Biomet); 5 (Biomet; Kinamed; Pacira)

**Morton, Diane, MS:** (n)

**Muratoglu, Orhun K., MD:** 1 (Arthrex, Inc; Aston Medical; Biomet; Conformis; Corin U.S.A.; Iconacy; Mako; Meril Healthcare; Renovis; Zimmer); 2 (Biomet; Corin U.S.A.); 4 (Cambridge Polymer Group; Orthopedic Technology Group); 5 (DePuy, A Johnson & Johnson Company; Mako); 6 (Biomet)

**Murphy, Stephen B., MD:** 1 (Microport Orthopedics Inc.); 3B (Microport Orthopedics Inc.); 4 (Surgical Planning Associates, Inc.); 9 (International Society for Technology in Arthroplasty; International Society of Computer Assisted Orthopedic Surgery)

**Nam, Denis, MD, MSc:** 3B (KCI); 4 (OrthAlign Inc.); 5 (EOS Imaging)

**Narkbunnam, Rapeepati, MD:** (n)

**Naseer, Zan, BS:** (n)

**Nebergall, Audrey K.:** (n)

**Nepple, Jeffrey, MD:** 2 (Smith & Nephew); 3B (Smith & Nephew)

**Nguyen, Long-Co, BA, BS:** (n)

**Nicholas, Stephen J., MD:** 1 (Arthrex, Inc.); 3B (Arthrex, Inc.)

**Nichols, Joseph C., MD:** (n)

**Nielsen, Christian S., MD, PhD:** (n)

**Nunley, Ryan, MD:** 1 (Microport); 3B (Biocomposites; Blue Belt Technology; Cardinal Health; DePuy, A Johnson & Johnson Company; Integra Sciences; Medtronic; Microport; Polaris; Smith & Nephew); 5 (Biomet; DePuy, A Johnson & Johnson Company; Medical Compression Systems, Inc.; Smith & Nephew; Stryker); 9

(American Association of Hip and Knee Surgeons; Missouri State Orthopaedic Association Board Member; Southern Orthopaedic Association Board Member)

**Oakes, Daniel A., MD:** 3B (Zimmer); 8 (Journal of Knee Surgery; Journal of the American Academy of Orthopaedic Surgeons; Orthopedics); 9 (American Association of Hip and Knee Surgeons)

**Obrock, Blake, DO:** (n)

**Odum, Susan Marie, PhD:** 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons)

**Okafor, Louis Chukwunonso, MD:** (n)

**O'Neill, Owen, MD:** (n)

**Ong, Alvin C., MD:** 3B (Smith & Nephew; Stryker); 5 (Zimmer); 8 (Journal of Arthroplasty, Journal of Orthopedic Surgery and Research)

**Orishimo, Karl, MS:** (n)

**Orozco, Fabio, MD:** 3B (Stryker); 5 (Zimmer; Stryker); 8 (Journal of arthroplasty)

**Padgett, Douglas E., MD:** 1 (Mako); 2 (Mako); 3B (Mako; Medical Compression Systems; Stryker); 8 (Journal of Arthroplasty); 9 (The Hip Society; Hospital For Special Surgery)

**Padgett, Sarah, PA-C:** 4 (Abbvie)

**Pagnano, Mark W., MD:** 1 (DePuy, A Johnson & Johnson Company; Stryker); 3B (Pacira); 7 (Clinical Orthopaedics and Related Research); 9 (Hip Society; Knee Society)

**Palmer, Ryan Michael, DO:** (n)

**Paprosky, Wayne Gregory, MD:** 1 (Intellijoint; Mako Surgical Corp; Zimmer); 3B (DePuy, A Johnson & Johnson Company; intellijoint; Stryker; Zimmer); 4 (Intellijoint; Ketai Medical Limited); 6 (Cadence Health); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Arthroplasty); 9 (Hip Society);

**Park, Andrew G., MD:** (n)

**Park, Brian, MD:** (n)

**Parsley, Brian S., MD:** 1 (Conformis Inc.); 2 (Conformis; Nimbic Systems); 3B (Nimbic Systems); 4 (Nimbic Systems); 5 (Conformis); 9 (American Association of Hip and Knee Surgeons)

**Parvizi, Javad, MD, FRCS:** 3B (CeramTec; ConvaTec; Medtronic; Smith & Nephew; TissueGene; Zimmer); 4 (CD Diagnostics; Hip Innovation Technology; PRN); 5 (3M; Cempra; CeramTec; DePuy, A Johnson & Johnson Company; National Institutes of Health (NIAMS & NICHHD); OREF; Smith & Nephew; StelKast; Stryker; Zimmer); 7 (Datatrace; Elsevier; Jaypee Publishing; SLACK Incorporated; Wolters Kluwer Health - Lippincott Williams & Wilkins); 8 (Journal of Arthroplasty; Journal of Bone and Joint Surgery - American; Journal of Bone and Joint Surgery - British); 9 (Eastern Orthopaedic Association; Muller Foundation)

**Pashos, Gail, BS:** 4 (GlaxoSmithKline)

**Patterson, Joseph, MD:** (n)

**Pavlou, Paul, FRCS (Ortho):** (n)

**Peters, Christopher L., MD:** 1 (Biomet); 2 (Biomet); 3B (Biomet); 8 (Journal of Arthroplasty); 9 (AAOS; American Association of Hip and Knee Surgeons)

**Pevear, Mary Elizabeth, BA:** (n)

**Plummer, Darren, MBA, MD:** (n)

**Polkowski II, Gregory G., MD, MSc:** 9 (American Association of Hip and Knee Surgeons)

**Ponnusamy, Karthikeyan E., MD:** 9 (AAOS)

**Ponzio, Danielle Y., MD:** (n)

**Porat, Manny D., MD:** (n)

**Post, Robert E., MD, MS:** (n)

**Post, Zachary D., MD:** 3B (DePuy, A Johnson & Johnson Company; Orthodevelopment; Smith & Nephew; Stryker); 5 (Smith & Nephew); 7 (Journal of Bone and Joint Surgery - American);

**Pozek, John-Paul J., MD:** (n)

**Pugely, Andrew James, MD:** (n)

**Purtill, James J., MD:** 8 (Clinical Orthopaedics and Related Research; Journal of Arthroplasty; Knee); 9 (omega medical grants)

**Rajae, Sean, MD, MS:** (n)

**Rana, Adam J., MD:** (n)

**Rathod, Parthiv A., MD:** (n)

**Reedy, Mary E., RN:** (n)

**Reid, Jeremy, MD:** (n)

**Rezapoor, Maryam, MS:** (n)



- Ries, Michael D., MD:** 1 (Smith & Nephew); 3B (Smith & Nephew; Stryker); 4 (OrthAlign); 9 (Foundation for the Advancement of Research in Medicine)
- Rimnac, Clare M., PhD:** 5 (DePuy, A Johnson & Johnson Company; Exponent, Inc.); 7 (Clinical Orthopaedics and Related Research); 8 (Clinical Orthopaedics and Related Research); 9 (Orthopaedic Research Society)
- Roberts, Karl C., MD:** 8 (Journal of Arthroplasty)
- Robinson, Jonathan, MD:** (n)
- Rodriguez, Jose A., MD:** 2 (Link Orthopaedics); 3B (Conformis; Exactech, Inc; Medacta; Smith & Nephew); 5 (DePuy, A Johnson & Johnson Company; Exactech, Inc; Smith & Nephew); 8 (Journal of Arthroplasty; Clinical Orthopaedics and Related Research, HSS Journal); 9 (American Association of Hip and Knee Surgeons)
- Rogers, Thea, MPH:** (n)
- Rolfson, Ola, MD, PhD:** 9 (International Society of Arthroplasty Registers; Swedish Hip Arthroplasty Register)
- Rothman, Richard H., MD:** 1 (Stryker); 3B (Stryker; Stryker); 7 (Journal of Arthroplasty); 8 (Journal of Arthroplasty; Journal of Arthroplasty)
- Rubash, Harry E., MD:** 1 (Ceramatec; Stryker); 3B (Access Mediquip; Flexion; Pacira); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins); 9 (Hip Society)
- Rupp, Gerald R., MD:** (n)
- Salin, Jeffrey W., DO:** (n)
- Santore, Richard F., MD:** 3B (Medacta; Omni); 4 (Abbott; GlaxoSmithKline; Johnson & Johnson; Merck; Pfizer; Stryker; Zimmer); 8 (Clinical Orthopaedics and Related Research; Hip International; Journal of Arthroplasty; Journal of the American Academy of Orthopaedic Surgeons); 9 (Orthopaedic Research and Education Foundation; Sharp Healthcare Foundation)
- Sayeed, Siraj A., MD:** 3B (Medtronic)
- Schmidig, Gregg, BS:** 3A (Stryker); 4 (Stryker)
- Schoenecker, Perry L., MD:** 8 (Journal of Children's Orthopaedics; Journal of Pediatric Orthopedics); 9 (Pediatric Orthopaedic Society of North America)
- Schoifet, Scott D., MD:** 3B (Stryker)
- Scholl, Laura, MS:** 3A (Stryker); 4 (Stryker)
- Schroer, William C., MD:** 2 (Biomet); 5 (Biomet)
- Schwarzkopf, Ran, MD:** 3B (Intelijoint; Smith & Nephew); 4 (Gauss surgical; Pristine); 5 (Pricaria); 8 (Arthroplasty Today; Journal of Arthroplasty); 9 (AAOS)
- Scuderi, Giles R., MD:** 1 (Zimmer); 2 (Pacira; Zimmer, Medtronic, Convatec); 3B (MERZ Pharmaceutical; Pacira; Zimmer, Medtronic, Convatec); 5 (Pacira); 7 (Springer, Elsevier, Thieme, World Scientific); 8 (Orthopedic Clinics of North America); 9 (ICJR; Operation Walk USA)
- Sculco, Peter Keyes, MD:** (n)
- Sculco, Thomas P., MD:** 1 (Exactech, Inc); 8 (American Journal of Orthopedics); 9 (Knee Society)
- Sems, Stephen A., MD:** 1 (Biomet); 3B (Biomet)
- Seviciu, Alexandru, MD:** (n)
- Shahi, Alisina, MD:** (n)
- Shen, Mary, BS, MS:** (n)
- Shrestha, Kush, MD:** (n)
- Sierra, Rafael Jose, MD:** 1 (Biomet); 2 (Biomet); 3B (Biomet); 5 (DePuy, A Johnson & Johnson Company; Zimmer; Stryker, Biomet); 8 (Journal of Arthroplasty); 9 (Midamerica orthopedic society, Maurice Mueller Foundation; American Association of Hip and Knee Surgeons)
- Sing, David, BS:** (n)
- Skolasky Jr., Richard L., ScD:** 5 (AT&T Foundation; DePuy, A Johnson & Johnson Company; DePuy Spine); 8 (Quality of Life Research); 9 (Cervical Spine Research Society; North American Spine Society)
- Slager, Susan L., PhD:** (n)
- Slover, James D., MD:** 5 (Biomet; DJO, LLC)
- Smith, Eric Louis, MD:** 3B (Arthrocare; DePuy, A Johnson & Johnson Company; OMNI); 3C (OMNI); 5 (Conformis; DePuy, A Johnson & Johnson Company; OMNI; Pfizer; Stryker)
- Somerville, Lyndsay, PhD:** (n)
- Sporer, Scott M., MD:** 3B (Pacira; Smith & Nephew; Zimmer); 5 (Central Dupage Hospital; Stryker; Zimmer); 7 (SLACK Incorporated); 9 (American Joint Replacement Registry; Hip Society)
- Springer, Bryan Donald, MD:** 2 (DePuy, A Johnson & Johnson Company, Ceramtec); 3B (Convatec, Polaris; Stryker); 6 (Joint purifications systems.); 8 (Journal of Arthroplasty); 9 (AJRR)
- Sterling, Robert S., MD:** 8 (Journal of Arthroplasty; Journal of Surgical Education); 9 (AAOS; American Orthopaedic Association; Maryland Orthopaedic Association)
- Stryker, Louis S., MD:** (n)  
Study Group, ANCHOR
- Suleiman, Linda, MD:** (n)
- Swann, Russell P., MD:** (n)
- Tan, Timothy, MD:** (n)
- Taunton, Michael J., MD:** 3B (DJ Orthopaedics); 5 (Stryker); 8 (Journal of Arthroplasty); 9 (AAOS; Minnesota Orthopedic Society)
- Tay, Bobby, MD:** 2 (Biomet; Stryker; Synthes); 5 (AOSpine North American; Globus; Nuvasive)
- Teeter, Matthew G., PhD:** 5 (Smith & Nephew)
- Tessier, John E., MD:** 6 (Smith & Nephew)
- Theologis, Alexander, MD:** 6 (Globus Medical; Medtronic; Stryker; Synthes)
- Therhault, Raminta Veronika, MS:** (n)
- Thomason, Kayla M.:** (n)
- Tibbo, Meagan Elizabeth, BA:** (n)
- Troelsen, Anders, MD, PhD:** 2 (Biomet); 3B (Biomet); 5 (Biomet; Zimmer); 6 (Biomet); 9 (DOS - Danish Orthopaedic Society - Scientific committee; EKS - European Knee Society - Communication committee)
- Trousdale, Robert T., MD:** 1 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 8 (Journal of Arthroplasty); 9 (American Association of Hip and Knee Surgeons; Hip Society; Knee Society)
- Tsai, Tsung-Yuan, PhD:** (n)
- Urbani, Brian, MS:** (n)
- Urquhart, Andrew G., MD:** 9 (Michigan Orthopaedic Society)
- Vail, Thomas Parker, MD:** 1 (DePuy, A Johnson & Johnson Company); 3B (DePuy, A Johnson & Johnson Company); 9 (American Board of Orthopaedic Surgery, Inc.; Knee Society)
- Vajapeyajula, Sravya, BS:** (n)
- Van Doren, Bryce Allen, MA, MPH:** (n)
- Vasarhelyi, Edward, MD, MSc, FRCS:** 3B (DePuy, A Johnson & Johnson Company); 5 (DePuy, A Johnson & Johnson Company; Smith & Nephew; Stryker)
- Viola, Jessica Rae, BS:** (n)
- Walker, Matthew L., MD:** 5 (Stryker)
- Walsh, Stephen Michael, MD:** 1 (Innomed); 3B (Zimmer)
- Ware, John, PhD:** (n)
- Watts, Chad, MD:** (n)
- Wenzel, John Thomas, MD:** (n)
- Werner, Brian, MD:** (n)
- Westermann, Robert W., MD:** (n)
- Wooten, Clint J., MD:** (n)
- Wright, Timothy M., PhD:** 1 (Lima; Mathys Ltd); 3B (Zimmer); 4 (Exactech, Inc; Orthobond); 5 (Stryker); 7 (Wolters Kluwer Health - Lippincott Williams & Wilkins); 9 (Knee Society)
- Wyles, Cody C., BS:** (n)
- Yates Jr., Adolph J., MD:** 9 (American Association of Hip and Knee Surgeons)
- Young, Simon, MD, FRACS:** 5 (Stryker; Vidacare)
- Younger, Victoria Ann, BS:** (n)
- Ziamba-Davis, Mary, BA:** (n)