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This individual reported nothing to disclose.

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AAOS: Board or committee member  
Springer: Publishing royalties, financial or material support  
Stryker: IP royalties

**Jeff A. Ackerman, MD**

This individual reported nothing to disclose.

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This individual reported nothing to disclose.

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American Association of Hip and Knee Surgeons: Board or committee member  
Journal of Arthroplasty: Editorial or governing board

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Abbott: Stock or stock Options  
Journal of Arthroplasty, Bulletin of the NYU Hospital for Joint Diseases: Editorial or governing board  
Procter & Gamble: Stock or stock Options  
Stryker: Paid consultant

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American Association of Hip and Knee Surgeons: Board or committee member  
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Stryker: Paid presenter or speaker; Research support

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DePuy, A Johnson & Johnson Company: Paid consultant

Exactech, Inc: IP royalties; Paid consultant  
Journal of Arthroplasty: Editorial or governing board  
Journal of Orthopaedic Research: Editorial or governing board  
Orthopaedic Research and Education Foundation: Research support  
Osteosynthesis and Trauma Care Foundation: Research support  
QT Ultrasound: Stock or stock Options  
Radial Medical: Stock or stock Options  
Recoup Fitness: Stock or stock Options  
Reflexion: Research support  
Roam Robotics: Research support  
Sparta Health Science: Research support  
Stryker: Paid consultant; Research support  
WebMD: Publishing royalties, financial or material support  
Zimmer: Paid consultant; Research support

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Medacta: Paid consultant; Paid presenter or speaker  
OrthoGrid: Stock or stock Options  
Stryker: Research support  
Zimmer: Research support

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This individual reported nothing to disclose.

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OrthAlign: Paid consultant; Stock or stock Options  
OrthAlign Inc: Paid presenter or speaker  
OrthAlign, Inc: IP royalties  
Osso VR: Stock or stock Options  
Smith & Nephew: Paid consultant; Paid



presenter or speaker; Research support  
Stryker: Paid consultant; Paid presenter or speaker  
Surgical Care Affiliates: Paid consultant

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American Association of Hip and Knee Surgeons: Board or committee member  
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Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board  
Link Orthopaedics: Paid consultant  
Zimmer: Research support

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This individual reported nothing to disclose.

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Zimmer: Paid consultant

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DePuy, A Johnson & Johnson Company: Paid consultant  
Journal of Arthroplasty: Editorial or governing board  
Stryker: Paid consultant

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American Association of Hip and Knee Surgeons: Board or committee member  
ConforMIS: Research support  
Corin U.S.A.: Other financial or material support  
DJO: IP royalties  
HealthTrust: Paid consultant  
HipKnee Arkansas Foundation: Board or committee member  
Journal of Arthroplasty: Editorial or governing board  
JSOA: Editorial or governing board  
Mid American Orthopaedic Association: Board or committee member  
None: Unpaid consultant  
Responsive Risk Solutions: Paid consultant;  
Stock or stock Options

Southern Orthopaedic Association: Board or committee member  
Zimmer: IP royalties

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DEF Medical: Stock or stock Options  
Exactech, Inc: IP royalties  
Osteon Holdings: Stock or stock Options  
Smith & Nephew: IP royalties; Paid consultant  
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support  
Zimmer: Research support

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AAOS: Board or committee member  
American Association of Hip and Knee Surgeons: Board or committee member  
Arthroplasty Today: Editorial or governing board  
Elsevier: Publishing royalties, financial or material support  
Journal of Arthroplasty: Editorial or governing board

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This individual reported nothing to disclose.

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Clinical Orthopaedics and Related Research: Editorial or governing board

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Bodycad: Paid consultant; Stock or stock Options  
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DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Research support  
Elsevier: Publishing royalties, financial or material support  
International Hip Society: Board or committee member  
Journal of Bone and Joint Surgery - American: Editorial or governing board  
Mayo Clinic Board of Governors: Board or

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Orthopaedic Research and Education  
Foundation: Board or committee member  
Wolters Kluwer Health - Lippincott Williams &  
Wilkins: Publishing royalties, financial or  
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Corentec: Paid consultant  
Encore Medical: Paid consultant  
Flexion Therapeutics: Paid consultant  
Journal of Arthroplasty: Editorial or governing  
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Journal of the American Academy of  
Orthopaedic Surgeons: Editorial or governing  
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This individual reported nothing to disclose.

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Acelity: Other financial or material support  
Ameca: Stock or stock Options; Unpaid  
consultant  
American Association of Hip and Knee  
Surgeons: Board or committee member  
AOA Omega: Other financial or material support  
Arthroplasty Today: Editorial or governing  
board  
Biomet: Research support  
DePuy, A Johnson & Johnson Company:  
Research support  
Eastern Orthopaedic Association: Board or  
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Exactech, Inc: Research support  
Journal of Arthroplasty: Editorial or governing  
board  
KCI: Research support  
Smith & Nephew: Other financial or material  
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TJO: IP royalties; Paid presenter or speaker;  
Stock or stock Options  
Zimmer: IP royalties; Paid presenter or speaker;  
Research support

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Harvard Business School: Unpaid consultant  
SLACK Incorporated: Editorial or governing  
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American Association of Hip and Knee  
Surgeons: Board or committee member  
American Joint Replacement Registry (AAOS):  
Board or committee member  
DJ Orthopaedics: IP royalties; Paid consultant  
Heron Therapeutics: Paid consultant  
Journal of Arthroplasty: Editorial or governing  
board; Publishing royalties, financial or material  
support  
Journal of Bone and Joint Surgery - American:  
Publishing royalties, financial or material  
support  
OsteoRemedies: Paid consultant  
Radlink: Stock or stock Options  
Saunders/Mosby-Elsevier: Publishing royalties,  
financial or material support  
Southern Orthopaedic Association: Board or  
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This individual reported nothing to disclose.

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American Association of Hip and Knee  
Surgeons: Board or committee member  
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Smith & Nephew: Other financial or material



support

Stryker: Other financial or material support

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This individual reported nothing to disclose.

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Journal of Arthroplasty: Editorial or governing board  
Stryker: Paid consultant  
Tennessee Orthopaedic Society: Board or committee member

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3M: Paid consultant  
AAOS: Board or committee member  
AJRR: Board or committee member  
American Association of Hip and Knee Surgeons: Board or committee member  
American Medical Foundation: Paid consultant  
Annals of Joint: Editorial or governing board  
Avanos: Paid consultant; Research support  
bOne: Paid consultant; Stock or stock Options  
Clinical Orthopaedics and Related Research: Editorial or governing board  
Convatec: Paid consultant  
Ethicon: Paid consultant  
European Knee Association: Board or committee member  
GLG: Paid consultant  
Graftworx: Stock or stock Options  
Guidepoint: Paid consultant  
Healthcare Transformation: Editorial or governing board  
Heraeus: Paid consultant  
Hyalex: Stock or stock Options

International Congress for Joint Reconstruction: Board or committee member

Irrimax: Paid consultant; Stock or stock Options  
Joint Purification Systems: Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Journal of Bone & Joint Infection: Editorial or governing board

Journal of Bone and Joint Surgery - American: Editorial or governing board

Journal of Orthopaedic Research: Editorial or governing board

Knee Surgery, Sports Traumatology, Arthroscopy: Editorial or governing board  
Musculoskeletal Infection Society: Board or committee member

Pfizer: Paid consultant

PhagoMed: Paid consultant

Recro: Paid consultant

SLACK Incorporated: Publishing royalties, financial or material support

Sonoran: Stock or stock Options

Stryker: Paid consultant

UpToDate: Publishing royalties, financial or material support

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Smith & Nephew: Paid consultant

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AAOS: Board or committee member

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Journal of Arthroplasty: Editorial or governing board

Sight Medical: Stock or stock Options

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American Association of Hip and Knee Surgeons: Board or committee member  
Arthroplasty Today: Editorial or governing board  
Journal of Arthroplasty: Editorial or governing board  
Journal of Bone and Joint Surgery - American: Publishing royalties, financial or material support  
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Journal of Arthroplasty: Editorial or governing board  
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KCI: Paid presenter or speaker; Research support  
KCI Medical Canada, Inc: Paid consultant  
KCI USA, Inc: Paid consultant  
OnPoint Knee, Inc.: Paid consultant  
Smith & Nephew: Research support  
Zimmer-Biomet: Paid consultant

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American Association of Hip and Knee Surgeons: Board or committee member  
DePuy, A Johnson & Johnson Company: Paid

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Hip Innovation Technology: Paid consultant  
Parvizi Surgical Innovation: Stock or stock Options  
Zimmer: Paid consultant

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DePuy, A Johnson & Johnson Company: Paid consultant  
Kinetic Concepts, Inc.: Research support  
Zimmer: Research support

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This individual reported nothing to disclose.

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American Association of Hip and Knee Surgeons: Board or committee member  
Intellijoint: Paid consultant; Stock or stock Options  
Johnson & Johnson: Paid consultant  
Magnifi group: Paid presenter or speaker  
Medacta: Paid consultant  
Smith & Nephew: Paid consultant  
Surgical Care Associates: Paid presenter or speaker

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American Association of Hip and Knee Surgeons: Board or committee member  
American Joint Replacement Registry Review Commission: Board or committee member  
Biomet: Paid consultant  
CareStream: Paid consultant  
Clinical Orthopaedics and Related Research: Editorial or governing board  
DePuy, A Johnson & Johnson Company: Paid presenter or speaker  
European Journal of Orthopaedic Surgery and Traumatology: Editorial or governing board  
International Congress for Joint Reconstruction: Board or committee member  
Johnson & Johnson: Paid consultant  
Journal of Arthroplasty: Editorial or governing board  
Orthopedics: Editorial or governing board



Springer: Publishing royalties, financial or material support

Stryker: Paid consultant

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DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Paid presenter or speaker; Research support

Foundry Therapeutics: Paid consultant

Springer: Publishing royalties, financial or material support

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Biomup: Research support

Conformis: Research support

DePuy, A Johnson & Johnson Company: Paid consultant; Research support

Journal of Arthroplasty: Editorial or governing board

Orthalign: Paid consultant

Pacira: Research support

Pacira Pharmaceuticals: Paid consultant; Paid presenter or speaker

Reflection Health: Research support

SPR Therapeutics: Paid consultant

Stryker: Research support

Zimmer: Research support

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American Association of Hip and Knee Surgeons: Board or committee member

Arthritis Foundation: Board or committee member

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Knee Society: Board or committee member

Orthopedics Today: Editorial or governing board

Orthophor and Surgiphor: Stock or stock Options

Parvizi Surgical Innovations: Stock or stock Options

SLACK Incorporated: Editorial or governing board; Publishing royalties, financial or material support

Smith & Nephew: IP royalties; Paid consultant; Research support

Stryker: Research support

Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Zimmer: IP royalties; Paid consultant; Research support

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Guidepoint Consulting: Paid consultant

Heraeus Medical: Paid consultant

Synotrac/Graftworx: Stock or stock Options

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Journal of Arthroplasty: Editorial or governing board

KCI: Paid consultant

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Bone Support: Paid consultant

Heraeus: Paid consultant

Heron: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board

Kentucky Orthopaedic Society: Board or

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Medtronic: Research support

ROM3: Stock or stock Options

Smith & Nephew: Paid consultant; Research support

Stryker: Research support

Zimmer: Paid consultant; Research support

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DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant; Paid presenter or speaker; Research support

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FT1: Stock or stock Options

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Johnson & Johnson: Paid consultant

Medacta: IP royalties; Paid consultant

Muvr Labs, Inc.: Stock or stock Options

Parvizi Surgical Innovations: Stock or stock Options

Saunders/Mosby-Elsevier: Publishing royalties, financial or material support

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Stryker: Research support

Zimmer: Paid consultant; Research support

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Conformis: Paid consultant

HealthTrustPG: Paid consultant

Irrimax Corporation: Stock or stock Options

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Smith & Nephew: Paid consultant; Paid presenter or speaker; Research support

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2ndMD: Paid consultant

OrthAlign: Stock or stock Options

OrthoCareRN: Other financial or material support

Pulse: Stock or stock Options

Smith & Nephew: Paid consultant; Paid presenter or speaker; Research support

Zimmer: Paid consultant; Paid presenter or speaker

Zimmer, INOVA Health Care Services: Research support

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American Association of Hip and Knee

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Don Joy: Research support

PeerWell: Stock or stock Options

Smithfield Surgical Partners: Stock or stock Options





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American Association of Hip and Knee Surgeons: Board or committee member  
Clinical Orthopaedics and Related Research: Editorial or governing board  
Journal of Arthroplasty: Editorial or governing board  
Knee: Editorial or governing board  
Pennsylvania orthopedic society: Board or committee member  
Shukla Medical: IP royalties  
Smith & Nephew: IP royalties; Paid consultant; Research support  
Zimmer: Research support

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DJ Orthopaedics: Paid consultant  
Journal of Arthroplasty: Editorial or governing board  
Medacta: Paid consultant  
OrthoGrid: IP royalties; Paid consultant; Stock or stock Options  
Smith & Nephew: Paid consultant  
Stryker: Paid consultant; Research support  
Zimmer: Research support

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Clinical Orthopaedics and Related Research: Editorial or governing board  
Journal of Bone and Joint Surgery - American: Editorial or governing board  
society for arthritic joint surgery: Board or committee member

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DePuy, A Johnson & Johnson Company: Paid consultant; Paid presenter or speaker  
Journal of Arthroplasty: Editorial or governing board

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American Association of Hip and Knee Surgeons: Board or committee member  
Arthroplasty Today: Editorial or governing board; Publishing royalties, financial or material support  
Journal of Arthroplasty: Editorial or governing board  
KCI: Research support  
Orthosensor: Paid consultant; Research support  
Orthosensor, Inc: IP royalties  
Orthosensor, Inc.: Paid presenter or speaker; Stock or stock Options  
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DePuy, A Johnson & Johnson Company: Paid consultant  
Zimmer: Paid consultant

**Alexander C. Gordon, MD**

OrthoSensor: Paid consultant; Research support; Stock or stock Options

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American Association of Hip and Knee Surgeons: Board or committee member

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This individual reported nothing to disclose.

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American Association of Hip and Knee Surgeons: Board or committee member  
AAOS: Board or committee member

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Biomet: Research support  
DePuy, A Johnson & Johnson Company: IP





royalties; Paid consultant; Paid presenter or speaker; Research support  
Inova Health Care Services: Research support  
Total Joint Orthopedics: IP royalties; Paid consultant

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AAOS: Board or committee member  
Bodycad: IP royalties; Paid consultant; Stock or stock Options  
Journal of Arthroplasty: Editorial or governing board  
Knee: Editorial or governing board  
Smith & Nephew: Paid consultant

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This individual reported nothing to disclose.

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This individual reported nothing to disclose.

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This individual reported nothing to disclose.

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This individual reported nothing to disclose.

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New York State Society of Orthopedic Surgeons: Board or committee member

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American Association of Hip and Knee Surgeons: Board or committee member  
American Journal of Orthopedics: Editorial or governing board  
CD Diagnostics: Research support  
Cymedica: Research support  
Ferring Pharmaceuticals: Research support  
Journal of Arthroplasty: Editorial or governing board  
Journal of Hip Surgery: Editorial or governing board  
Journal of Knee Surgery: Editorial or governing board  
KCI: Paid consultant; Paid presenter or speaker; Research support

Lyfstone: Research support  
Mid-American Orthopaedic Association: Board or committee member  
Musculoskeletal Infection Society: Board or committee member  
OREF: Research support  
Orthofix, Inc.: Research support  
PSI: Stock or stock Options  
Stryker: Research support  
Zimmer: Research support

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American Association of Hip and Knee Surgeons: Board or committee member  
Apple: Research support  
Biomet: Paid consultant; Research support  
Corin U.S.A.: Paid consultant; Paid presenter or speaker; Research support; Stock or stock Options  
Exactech, Inc: IP royalties; Paid consultant; Paid presenter or speaker  
Journal of Arthroplasty: Editorial or governing board  
Knee Society: Board or committee member  
Porosteon: Stock or stock Options  
Wolters Kluwer: IP royalties  
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support  
Yale CORE: Unpaid consultant  
Zimmer: Paid consultant; Paid presenter or speaker; Research support

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American Association of Hip and Knee Surgeons: Board or committee member  
DJ Orthopaedics: Paid consultant

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American Association of Hip and Knee



Surgeons: Board or committee member  
Bulletin of the Hospital for Joint Disease:  
Editorial or governing board  
Clinical Orthopaedics and Related Research:  
Editorial or governing board  
Covina: Stock or stock Options  
Force Therapeutics: Stock or stock Options  
Hip Society: Board or committee member  
JBJS Reviews: Editorial or governing board  
Johnson & Johnson: Paid consultant  
Journal of Arthroplasty: Editorial or governing  
board  
Journal of Bone and Joint Surgery - American:  
Editorial or governing board  
Journal of the American Academy of  
Orthopaedic Surgeons: Editorial or governing  
board  
Knee Society: Board or committee member  
MedTel: Paid consultant; Stock or stock Options  
Medtronic: Paid consultant  
Muve Health: Paid consultant; Stock or stock  
Options  
Pacira: Paid consultant  
Recro Pharma: Paid consultant  
Wellbe: Stock or stock Options  
Zimmer: Paid consultant

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American Association of Hip and Knee  
Surgeons: Board or committee member

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Johns Hopkins University Press: Publishing  
royalties, financial or material support

**Jason M. Jennings, MD**

DePuy, A Johnson & Johnson Company:  
Research support  
Total Joint Orthopedics: IP royalties; Paid  
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Xenex: Paid consultant; Stock or stock Options

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American Association of Hip and Knee  
Surgeons: Board or committee member  
DePuy, A Johnson & Johnson Company:

Research support  
Medscape: Publishing royalties, financial or  
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American Association of Hip and Knee  
Surgeons: Board or committee member  
Biomech Holdings LLC: Stock or stock Options  
DePuy, A Johnson & Johnson Company: IP  
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Hip Society: Board or committee member

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American Association of Hip and Knee  
Surgeons: Board or committee member  
Anterior Hip Foundation: Board or committee  
member  
BodyCad: Paid consultant  
DePuy, A Johnson & Johnson Company: Paid  
consultant; Paid presenter or speaker  
Innomed: IP royalties  
Johnson & Johnson: Stock or stock Options  
Procter & Gamble: Stock or stock Options  
Signature Orthopaedics: Research support  
Zimmer: Paid consultant; Paid presenter or  
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**Mark Karadsheh, MD**

Orthobullets: Publishing royalties, financial or  
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American Association of Hip and Knee  
Surgeons: Board or committee member  
American Orthopaedic Association: Board or  
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DePuy, A Johnson & Johnson Company: Paid  
consultant  
Flexion Therapeutics: Paid consultant  
Heron Therapeutics: Paid consultant  
Journal of Hip Surgery: Editorial or governing  
board  
Journal of Knee Surgery: Editorial or governing  
board  
Mid-American Orthopaedic Association: Board



or committee member  
Missouri State Orthopaedic Association: Board  
or committee member  
Orthopedics: Editorial or governing board

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American Association of Hip and Knee  
Surgeons: Board or committee member

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This individual reported nothing to disclose.

**Raymond H. Kim, MD**

Ceramtec: Paid presenter or speaker  
Convatec: Paid presenter or speaker  
DJ Orthopaedics: IP royalties; Paid consultant  
ICJR: Board or committee member  
Innomed: IP royalties

**Brian A. Klatt, MD**

AAOS: Board or committee member  
AAOSAAHKS Abstract Review Committee: Board  
or committee member  
American Association of Hip and Knee  
Surgeons: Board or committee member  
Clinical Orthopaedics and Related Research:  
Editorial or governing board  
Journal of Arthroplasty: Editorial or governing  
board  
Journal of the American Academy of  
Orthopaedic Surgeons: Editorial or governing  
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MSIS: Board or committee member  
SLACK Incorporated: Publishing royalties,  
financial or material support

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This individual reported nothing to disclose.

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American Association of Hip and Knee  
Surgeons: Board or committee member  
Journal of Arthroplasty: Editorial or governing  
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**Kyle N. Kunze, MD**

Arthroscopy: Editorial or governing board

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Celanese: Research support  
Ceramtec: Research support  
Elsevier: Publishing royalties, financial or  
material support  
Ferring Pharmaceuticals: Research support  
Formae: Research support  
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).:  
Paid consultant  
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).:  
Paid presenter or speaker  
Invibio: Research support  
My employer, Exponent, provides consulting  
services to other medical device companies, not  
listed under 5, and receives fees for those  
services.: Other financial or material support  
Simplify Medical: Research support  
Stelkast, Kyocera Medical, Wright Medical  
Technology, Lima Corporate: Research support  
Stryker: Research support  
Zimmer Biomet: Research support

**Young-Min Kwon, MD**

Biomet: Research support  
Corentec: Research support  
DePuy, A Johnson & Johnson Company:  
Research support  
Smith & Nephew: Research support  
Stryker: Research support  
Zimmer: Research support

**Claudette M. Lajam, MD**

AAOS: Board or committee member  
Clinical Orthopaedics and Related Research:  
Editorial or governing board  
FundamentalVR: Unpaid consultant  
HJD Bulletin: Editorial or governing board  
Intellijoint: Paid presenter or speaker



Journal of Arthroplasty: Editorial or governing board

NYSSOS: Board or committee member

Pfizer: Employee (spouse)

**Jeffrey K. Lange, MD**

American Association of Hip and Knee

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Clinical Orthopaedics and Related Research:  
Editorial or governing board

Corin U.S.A.: Paid consultant

Ferring Pharmaceuticals: Research support

Heron Therapeutics: Paid consultant

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery: Editorial or governing board

KCI: Research support

Orthopedics: Editorial or governing board

SLACK Incorporated: Editorial or governing board

Smith & Nephew: Research support

Stryker: Paid consultant

United Orthopedics: Research support

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American Association of Hip and Knee

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Human kinetics: Editorial or governing board

Link Orthopaedics: Paid consultant

Merete: Paid consultant

SLACK Incorporated: Editorial or governing board

Zimmer: Research support

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Acuitive Technologies: Stock or stock Options

American Joint Replacement Registry: Board or committee member

Corin U.S.A.: Research support

Ketai Medical Devices: Stock or stock Options

Orthopaedic Research and Education

Foundation: Board or committee member

Zimmer Biomet: IP royalties; Paid consultant

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This individual reported nothing to disclose.

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This individual reported nothing to disclose.

**Tad M. Mabry, MD**

This individual reported nothing to disclose.

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AAOS: Board or committee member

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Clinical Orthopaedics and Related Research:  
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DePuy, A Johnson & Johnson Company: Paid consultant; Research support

Globus Medical: IP royalties

Journal of Arthroplasty: Editorial or governing board

Journal of Orthopaedics and Traumatology:  
Editorial or governing board

Stryker: Paid consultant

Synthes: Research support



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Zimmer Biomet: Paid consultant

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DePuy, A Johnson & Johnson Company: IP royalties; Other financial or material support; Paid consultant  
Journal of Arthroplasty: Publishing royalties, financial or material support

**Vasilios Mathews, MD**

DePuy, A Johnson & Johnson Company: Paid consultant; Research support

**Benjamin A. McArthur, MD**

DJ Orthopaedics: Paid consultant  
Journal of Arthroplasty: Editorial or governing board

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Total Joint Orthopedics: Paid consultant

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Delta Ortho LLC: Stock or stock Options  
Fragility Fracture Network: Board or committee member  
Journal of the American Geriatrics Society: Editorial or governing board  
SAGE: Editorial or governing board

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DJ Orthopaedics: IP royalties; Paid consultant; Research support  
Emovi: Stock or stock Options  
International Congress for Joint Reconstruction: Board or committee member  
Journal of Arthroplasty: Editorial or governing board  
KCI: Paid consultant

Kinamed: Paid consultant  
Knee Society: Board or committee member  
Orthopedics Today: Editorial or governing board  
Osteoremedies: IP royalties; Paid consultant  
Surgical Care Affiliates (SCA): Paid consultant

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CERAS Health: Stock or stock Options  
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Flexion Therapeutics: Paid consultant  
Johnson & Johnson: Paid consultant; Research support  
Journal of Arthroplasty: Editorial or governing board  
Journal of Knee Surgery: Editorial or governing board  
Knee Society: Board or committee member  
Kolon TissueGene: Paid consultant  
Medicus Works LLC: Publishing royalties, financial or material support  
MirrorAR: Stock or stock Options  
National Institutes of Health (NIAMS & NICHD): Research support  
Orthopedics: Editorial or governing board  
Pacira: Paid consultant  
Peerwell: Stock or stock Options  
Pfizer: Paid consultant  
RegenLab: Research support  
Stryker: IP royalties; Paid consultant; Research support

Surgical Techniques International: Editorial or governing board

TissueGene: Research support

Up-to Date: Publishing royalties, financial or material support

USMI: Stock or stock Options

Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

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DePuy, A Johnson & Johnson Company: IP royalties

Stryker: Paid consultant; Paid presenter or speaker

Think Surgical: Stock or stock Options

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American Board of Orthopaedic Surgery, Inc.: Board or committee member

American Orthopaedic Association: Board or committee member

Exactech, Inc: Paid consultant

Journal of Hip Surgery: Editorial or governing board

Knee Society: Board or committee member

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Arthroscopy: Editorial or governing board

Pediatric Research in Sports Medicine Society: Board or committee member

Responsive Arthroscopy: Paid consultant

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OrthoSensor Inc: Paid consultant

PeerWell: Stock or stock Options



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Biomet: Research support  
Depuy: IP royalties  
DePuy, A Johnson & Johnson Company: Paid consultant; Research support  
Ethicon: Paid consultant  
Hyalex: Stock or stock Options  
Medtronic: Paid consultant  
Microport: IP royalties  
Mirus: Paid consultant  
Rom Tech: Paid consultant; Stock or stock Options  
Smith & Nephew: Paid consultant; Research support  
Southern Orthopaedic Assoc. 2018 President: Board or committee member  
Stryker: Research support  
Surgical Care Affiliates: Paid consultant

**Douglas E. Padgett, MD**

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Evolve Orthopaedics: Stock or stock Options  
Hospital For Special Surgery: Board or committee member  
Journal of Arthroplasty: Editorial or governing board  
Orthophor: Stock or stock Options  
Parvizi Surgical Innovations: Stock or stock Options  
Tangen: Stock or stock Options  
The Hip Society: Board or committee member

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DePuy, A Johnson & Johnson Company: IP royalties  
Hip Society: Board or committee member  
Knee Society: Board or committee member  
Stryker: IP royalties  
Turbett Surgical: Paid consultant  
Wolters Kluwer Health - Lippincott Williams &

Wilkins: Publishing royalties, financial or material support

**Wayne G. Paprosky, MD**

ConvaTech: Paid consultant  
Innomed: IP royalties  
Intellijoint: Stock or stock Options  
Journal of Arthroplasty: Editorial or governing board  
MicroPort: Paid consultant  
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support  
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Arthroplasty Today: Editorial or governing board  
Exactech, Inc: IP royalties

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Acumed, LLC: Stock or stock Options  
Alphaeon: Stock or stock Options  
Ceribell: Stock or stock Options  
Corentec: IP royalties; Paid consultant; Stock or stock Options  
Datatrace: Publishing royalties, financial or material support  
Elsevier: Publishing royalties, financial or material support  
Ethicon: Paid consultant  
Flexion: Paid consultant  
Heraeus: Paid consultant  
Hip Innovation Technology: Stock or stock Options  
Intellijoint: Stock or stock Options  
Jaypee Publishers: Publishing royalties, financial or material support  
Joint Purification Systems: Stock or stock Options  
Jointstem: Paid consultant  
KCI / 3M (Acelity): Paid consultant  
MDValuate: Stock or stock Options



MicroGenDx: Paid consultant; Stock or stock Options  
Molecular Surface Technologies: Stock or stock Options  
Nanooxygenic: Stock or stock Options  
Parvizi Surgical Innovations and Subsidiaries: Stock or stock Options  
Peptilogics: Paid consultant  
PRN-Veterinary: Stock or stock Options  
SLACK Incorporated: Publishing royalties, financial or material support  
Sonata: Stock or stock Options  
Tenor: Paid consultant  
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support  
Zimmer Biomet: Paid consultant

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AAHKS - Abstract Review Committee: Board or committee member  
Journal of Arthroplasty: Editorial or governing board  
Zimmer: Paid consultant  
Zimmer Biomet: Paid presenter or speaker

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Journal of Knee Surgery: Editorial or governing board  
Orthopaedic Research Society: Board or committee member  
RegenLab: Research support  
Zimmer: Research support

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Aesculap Biologics LLC: Research support  
Anika Therapeutics: IP royalties  
Arthroscopy: Editorial or governing board

Clinical Orthopaedics and Related Research: Editorial or governing board  
Operative Techniques in Sports Medicine: Editorial or governing board  
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Bone Support: Paid consultant  
DJ Orthopaedics: IP royalties; Paid consultant

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**Mihail Radulescu, MD**

This individual reported nothing to disclose.

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This individual reported nothing to disclose.

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FocusMotion: Research support  
Johnson & Johnson: Stock or stock Options

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Journal of Arthroplasty: Editorial or governing board  
Orthopedics: Editorial or governing board  
PLOS one: Editorial or governing board

**Benjamin F. Ricciardi, MD**

Arthroplasty Today: Editorial or governing board  
Clinical Orthopaedics and Related Research: Editorial or governing board



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**Jeremy A. Ross, MD**

This individual reported nothing to disclose.

**Alexander P. Sah, MD**

Convatec: Paid presenter or speaker

Hereaus: Paid presenter or speaker

Mallinckrodt: Paid presenter or speaker

Medtronic: Paid presenter or speaker

Muvr: Paid presenter or speaker

NextStep: IP royalties

OrthAlign: Paid presenter or speaker

Pacira: Paid presenter or speaker

Zimmer: Research support

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Surgeons: Board or committee member

BioComposites Inc.: Paid consultant

Orthalign: Paid consultant

Smith & Nephew: Paid consultant

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American Association of Hip and Knee

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Board or committee member

Corin U.S.A.: Paid consultant

Eastern Orthopaedic Association: Board or committee member

Halyard: Research support

Journal of Arthroplasty: Editorial or governing board

Journal of Bone and Joint Surgery - American: Editorial or governing board

Journal of Surgical Orthopaedic Advances: Editorial or governing board

Journal of the American Academy of

Orthopaedic Surgeons: Editorial or governing board

United Orthopaedics: Research support

**Jonathan L. Schaffer, MD**

Compliant Innovations, LLC: Paid consultant;

Stock or stock Options

Elsevier: Publishing royalties, financial or material support

iBalance Medical: Stock or stock Options

MyDoc PTE LTD: Paid consultant

Orthogenics AS: Paid consultant

SnappSkin: Stock or stock Options

Springer: Publishing royalties, financial or material support

Taylor and Francis: Publishing royalties, financial or material support

Zin Medical, Inc. now Flex Life Healthcare: IP royalties

**H. Del Schutte Jr., MD**

Exactech, Inc: Paid consultant; Paid presenter or speaker

Medtronic: Paid presenter or speaker

South Carolina Orthopedic Society: Board or committee member

**Benjamin Schwartz, MD**

AAOS: Board or committee member

American Association of Hip and Knee

Surgeons: Board or committee member

Journal of Arthroplasty: Editorial or governing board

**Adam J. Schwartz, MD**

Arthroplasty Today: Editorial or governing board

**Ran Schwarzkopf, MD, MSc**

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American Association of Hip and Knee

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Arthroplasty Today: Editorial or governing board

Gauss surgical: Stock or stock Options

Intelijoint: Paid consultant; Stock or stock Options

Journal of Arthroplasty: Editorial or governing board

Smith & Nephew: IP royalties; Paid consultant; Research support

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**Peter K. Sculco, MD**

DePuy, A Johnson & Johnson Company: Paid consultant; Paid presenter or speaker  
EOS Imaging: Paid consultant; Paid presenter or speaker

Intellijoint Surgical: Paid consultant; Paid presenter or speaker

Intellijoint Surgical: Research support

Lima Corporate: Paid consultant

**Christopher E. Selgrath, DO**

Hip Innovation Technology: Stock or stock Options

**Robert A. Sershon, MD**

2ndMD: Paid consultant

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American Association of Hip and Knee Surgeons: Board or committee member

Heraeus: Paid consultant

KCI: Research support

Lippincott Williams & Wilkins: Publishing royalties, financial or material support

MedBlue Incubator Inc: Research support

Musculoskeletal Infection Society: Board or committee member

Next Science: Research support

Pattern Health: IP royalties

Restor3d: IP royalties

Samumed: Research support

Smith & Nephew: Paid consultant

Total Joint Orthopedics, Inc: IP royalties

Total Joint Orthopedics, Inc.: Paid consultant

Zimmer: Research support

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Zimmer: Paid consultant

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Link Orthopaedics: Paid consultant

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U.S. Food and Drug Administration: Board or committee member

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Journal of Arthroplasty: Editorial or governing board

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American Association of Hip and Knee Surgeons: Board or committee member  
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Biomet: Paid consultant; Paid presenter or speaker

Cytori: Research support

DePuy, A Johnson & Johnson Company: Research support

Journal of Arthroplasty: Editorial or governing board

Knee Society: Board or committee member

Link Orthopaedics: IP royalties; Paid consultant

Midamerica orthopedic society: Board or committee member

Muller Foundation: Board or committee member

Orthalign: IP royalties

Orthoalign: Paid consultant; Stock or stock Options

Springer: Publishing royalties, financial or material support

Stryker, Biomet: Research support

Think: Paid consultant

Zimmer: IP royalties; Research support

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AAOS: Board or committee member  
AJRR Hip Society Steering Comm Member:  
Board or committee member  
American Association of Hip and Knee  
Surgeons: Board or committee member  
Biomet: Research support  
Hip Society: Board or committee member  
Horizon Pharma: Paid consultant  
Pacira: Paid presenter or speaker  
PCORI Advisor Board Shared Decsion Making:  
Board or committee member  
Smith & Nephew: Research support

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Arthroplasty Today: Editorial or governing  
board  
BodyCad: Paid consultant  
DePuy, A Johnson & Johnson Company:  
Research support  
Journal of Arthroplasty: Editorial or governing  
board  
Sonoran Biosciences: Stock or stock Options  
Stryker: Research support  
Zimmer: Paid consultant

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Medacta: Paid consultant; Paid presenter or  
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Smith & Nephew: Paid consultant

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American Joint Replacement Registry: Board or  
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DJO Surgical: IP royalties; Paid consultant  
Hip Society: Board or committee member  
Osteoremedies: IP royalties; Paid consultant  
SLACK Incorporated: Publishing royalties,  
financial or material support  
Stryker: Research support  
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AJRR: Board or committee member

American Association of Hip and Knee  
Surgeons: Board or committee member  
Arthroplasty Today: Editorial or governing  
board  
Ceramtec: Paid presenter or speaker  
Convatec: Paid consultant  
ICJR: Board or committee member  
Joint purifications systems.: Other financial or  
material support  
Journal of Arthroplasty: Editorial or governing  
board  
Knee Society: Board or committee member  
osteoremedies: Paid consultant  
Stryker: IP royalties; Paid consultant

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American Joint Replacement Registry (AJRR):  
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Journal of Arthroplasty: Editorial or governing  
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OrthoCor: Paid consultant  
Zimmer: Paid consultant

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AAOS: Board or committee member  
American Association of Hip and Knee  
Surgeons: Board or committee member  
DePuy, A Johnson & Johnson Company:  
Research support  
DJ Orthopaedics: Paid consultant; Paid  
presenter or speaker  
Joint Development LLC: Stock or stock Options  
Mississippi Orthopaedic Society: Board or  
committee member  
OrthAlign: Paid consultant  
Sawbones/Pacific Research Laboratories: IP  
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Smith & Nephew: Paid consultant  
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Journal of Arthroplasty: Editorial or governing board  
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Medacta: Paid consultant  
Motion Insights: Stock or stock Options  
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DJO: Paid consultant  
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Journal of Arthroplasty: Editorial or governing board  
Medacta: Research support  
Stryker: Paid consultant; Paid presenter or speaker; Research support



Total Joint Orthopaedics: Paid consultant  
Total Joint Orthopedics: IP royalties  
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OrthAlign, LLC: Paid consultant

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Surgeons: Board or committee member