

## 2023 POSNA Annual Meeting Disclosures

These individuals have disclosed the following relationships with ineligible companies, from the past 24 months of this activity's start date:

### **Amr Atef Abdelgawad, MD, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Oussama Abousamra, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Andrew J. Abramowitz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Amir M. Abtahi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Gyula Acsadi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: International Inherited Neuropathy Consortium

Consultant/Advisor: Serepta- Safety Committee

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jordyn Adams, BA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Richard C. Adams**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Katherine Adrian**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lizzie Adsit**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nath Adulkasem**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Keinan B. Agonias**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Syed Imraan Ahmed, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matti Mikael Ahonen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert E. Akins, Jr.**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ahmet Alanay, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: ZIMMER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael C. Albert, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Leonardo Albertini Sanchez**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Amaal Mohammed Aldosari**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Melissa Allen, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Roi Almakias**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Benjamin A. Alman, MD, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Abraham Almatari**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Luiz Carlos Almeida Da Silva**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Carolina Alvarez**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Terry D. Amaral, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nicholas Anable**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jason Anari, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Veronica Andaya**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lindsay Andras, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: NUVASIVE

Speaker: BIOMET,MEDTRONIC,NUVASIVE,ZIMMER

Independent contractor: Orthobullets

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): ELI\_LILLY

Other financial or material support: \*\*NO\*\*

**Kendall Anigian, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lucas Annabell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Brant Ansley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Holly Antal**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alison Anthony**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Hannah Antonellis**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**NORMA ARCINIEGAS-MEDINA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alexander Aretakis, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Thanase Ariyawatkul**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*



Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alexandre Arkader, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: ORTHOPEDIATRICS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alaric J. Aroojis, M.S. (Ortho), D'Ortho, DNB (Ortho)**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Amanda S. Artis**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Leta Ashebo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ali Asma, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ali Asma**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alfred Atanda, JR, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: GW Medical Faculty Associates2nd MDThea  
HealthAristaMDConferMedTeladocThrive 360  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**K A. Athanasiou**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lily Atonio**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Angeline Aw Ai Ling**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Steven Ayotte**

Ownership interest, an executive role, and/or is an employee: PFIZER  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David Bade, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Donald S. Bae, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: Foundation for Advancing Pediatric Orthopedics  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: LIPPINCOTT  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kunhyung Bae**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anirejuoritse Bafor**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Soroush Baghdadi, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Anita Bagley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Courtney Baker, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Keith D. Baldwin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Manya Bali**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Amna T. Baljoun**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jacob Ball**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert Ballock, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: Pacira Pharmaceuticals

Consultant/Advisor: Pacira Pharmaceuticals

Speaker: Pacira Pharmaceuticals

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Tolulope Banjo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert Harrison Bardsley, IV**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**William Roy Barfield**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kurt Barger**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Debra Bartley, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Tracey P. Bastrom, MA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Marcus Aaron Battraw**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Andrea S. Bauer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jennifer Marie Bauer, MD, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: DEPUY, ORTHOPEDIATRICS, Proprio  
Speaker: DEPUY  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jeremy P. Bauer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eduardo Beauchamp**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: DEPUY,MEDTRONIC  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jennifer J. Beck, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Allan C. Beebe, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Zoe Elizabeth Belardo, BA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mohan V. Belthur, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: NIH IMPACCT Grant 2021-2026 - Coinvestigator  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Royalties from Springer International  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*



**Ana Cecilia Belzarena**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Gregory Benes**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Abbie Bennett**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Abbie P. Bennett**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Benvenuti, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lisa Berglund, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jeremy Allen Bernhardt**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Benjamin Bielajew**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**John G. Birch, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: ORTHOFIX

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Craig Munro Birch, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Meghan Bishop**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kim Bjorklund**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Laurel C. Blakemore, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: MEDTRONIC,SHRINERS,STRYKER

Speaker: STRYKER

Independent contractor: STRYKER

Royalty: STRYKER

Stock (excludes mutual funds): STRYKER

Other financial or material support: \*\*NO\*\*

**John S. Blanco, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Todd Blumberg, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael Bober**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: PFIZER, Biomarin, Ascendis, QED, Medlife , Ultragenyx, Takeda  
Consultant/Advisor: Biomarin, Ultragenyx  
Speaker: PFIZER,Alexion  
Independent contractor: Innoskel  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Afrain Z. Bobby**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: Columbia University Irving Medical Center  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sayah Bogor**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Deborah Bohn, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**James David Bomar, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jeffrey N. Bone**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Cornelia M. Borkhoff**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Patrick Bosch, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Maryse Bouchard, MD, MSc, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: NUVASIVE, ORTHOPEDIATRICS, MD orthopedics  
Speaker: ORTHOPEDIATRICS  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Daniel James Bouton, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Catharine Bradley, BScPT, MSc**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jacqueline Brady**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Zachary Braig**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Joshua Bram**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Riley Paige Brayton**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Madison Brenner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Callie Bridges**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Konstantin Brnjoš**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Samuel Earl Broida**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jaysson T. Brooks, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: DEPUY,ORTHOPEDIATRICS

Speaker: MEDTRONIC

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Laura H. Brower**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert W. Bruce, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert M. Brustowicz**

Ownership interest, an executive role, and/or is an employee:

ABBOTT,AMGEN,ELI\_LILLY,JOHNSON,MEDTRONIC,NORVARTIS,PFIZER

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Amy Bryl**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*



Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Xochitl Bryson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Graham Buchan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Pranai Buddhdev, BSc, MBBS, MSc, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew J. Bueche, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lizabeth Bunkell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rebecca Kriss Burger**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael T. Busch, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eliza Buttrick, BA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Patrick John Cahill, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: I hold a patent for 1. dynamic lung magnetic resonance imaging and 2. a novel pediatric spine implant system but a) my employer owns my intellectual property, b) they have not been commercialized, and c) I have not received money for them.

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michelle S. Caird, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alexandra Callan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: Bone Support Inc

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark Wickus Camp, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS, SeaSpine

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Leonie Campbell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Peter Cannamela**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lisa Ann Cao, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Xueyuan Cao**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Stefano Cardin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Simon Carlo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Krista Carpenter**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Laura Carrillo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Deven Carroll**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kristen L. Carroll, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Patrick Carry**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sasha Carsen, MD, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: SMITH&NEPHEW,STRYKER  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Cordelia Wheeler Carter, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Virginia F. Casey, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John Cashman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anthony Catanzano, Jr., MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Henry G. Chambers, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS,AbbVie

Speaker: Abbvie

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Gilbert Chan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jacqueline Chan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kyle Samuel Chan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lester Wai Mon Chan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Calvin Chandler**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Benjamin Chang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Connie Chang-Chien**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stuart Changoor**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Justin Chau**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*



Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael Chau**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Irene Chen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kallie Chen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Stephanie Chen, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jack Chun Y Cheng, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mathew Cheng**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Irene Chern**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Grace Chew**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Harpreet Chhina PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: COF,ORTHOPEDIATRICS  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Hannah May Reen Chi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Danielle Eve Chipman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tae-Joon Cho, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**YOON JOO CHO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**In Ho Choi, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Young Min Choi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David Y. Chong, MD**

Ownership interest, an executive role, and/or is an employee: Wheaton Brace Co.

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Chatupon Chotigavanichaya**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Wang Chow**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michelle Christie**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Melissa A. Christino, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Liane Chun, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Chris Church**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Eva Ciccodicola**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Peter Cirrincione**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Howard Clarke**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**R. Carter Clement, MD, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John Clohisy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Microport  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kelsie Coe, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Pablo Coello**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ryan Patrick Coene**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ryan Patrick Coene**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Randolph B. Cohen, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alondra Concepción-González**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew Stephen Conti**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Danielle Cook**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rosa Cooksey**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anthony Philip Cooper, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: ORTHOPEDIATRICS  
Consultant/Advisor: ORTHOPEDIATRICS  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lawson A. Copley, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*



**Hernan Correa**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lindsay Michele Crawford, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jason Lee Cummings**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Joshua Cummings**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Patrick Curran, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Holt Cutler**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark T. Dahl, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: NUVASIVE,STRYKER

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: STRYKER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kevin Michael Dale, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kristen Davidge**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Davidsen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ryann Davie**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kara Davis**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Luiz Renato Agrizzi De Angeli**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Wilfredo De Jesus Rojas**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alexandria Debasitis**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ozgur Dede, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Christopher John DeFrancesco, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alexandra Dejneka**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Roisin Delaney**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John Denneen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Dennis P. Devito, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: MEDTRONIC  
Consultant/Advisor: ALPHATEC, MEDTRONIC  
Speaker: MEDTRONIC  
Independent contractor: \*\*NO\*\*  
Royalty: Medtronic SpineAstura SpineSeaSpine  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lauren Di Nola**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Elias Diarbakerli**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rachel DiFazio, PHD, RN**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jon Paul DiMauro, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Khanh Do**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Emily Dodwell, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lori Dolan, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: OREF, Green Sun Medical

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nathan Donaldson, DO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Oliver Xinwei Dong**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christine Lynne Douglas**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew Alan Dow, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shevaun M. Doyle, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Adam Driesman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mauricio Drummond, Jr., MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Andrew Dubina, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sukhdeep Dulai, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: COF

Consultant/Advisor: COF

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lisa DuShane**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Vivek Dutt, MBBS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*



Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lily Eaker**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Perajit Eamsobhana**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Vincent Paul Eaton**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Craig P. Ebersson, MD, FAOA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: STRYKER  
Independent contractor: \*\*NO\*\*  
Royalty: GLOBUS  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Amanda D. Edmonds**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eric W. Edmonds, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Folorunsho Edobor-Osula, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Satoru Egawa**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Natalia Eicker**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Emily Rose Eickhoff**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark Eidelman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ron El-Hawary, MD, MSc**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: DEPUY,MEDTRONIC,ORTHOPEDIATRICS

Consultant/Advisor: DEPUY,MEDTRONIC,ORTHOPEDIATRICS

Speaker: DEPUY,MEDTRONIC\_SOFAFOR,ORTHOPEDIATRICS,ZIMMER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): ORTHOPEDIATRICS

Other financial or material support: \*\*NO\*\*

**Amelia M. El-Mahdy**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew D. Ellington, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Patrick Elliott**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Henry Bone Ellis, JR, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ali Eren**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark A. Erickson, MD**

Ownership interest, an executive role, and/or is an employee: MEDTRONIC

Researcher: \*\*NO\*\*

Consultant/Advisor: MEDTRONIC

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Thomas J. Errico, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: STRYKER

Speaker: STRYKER

Independent contractor: \*\*NO\*\*

Royalty: STRYKER,Atlas Spine  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Melissa Esparza, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Cyrus Etebari**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ekene Ezeokoli**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jorge Amelio Fabregas**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: ORTHOPEDIATRICS,STRYKER,AsturaSpinecraft  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Peter D. Fabricant, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Magdalena Falasca**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Bensen BENJAMIN Fan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**William H. Fang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Stense Farholt**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Daniel Farivar**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Christine L. Farnsworth, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jennifer Farr, BA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Graham T. Fedorak, MD, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David S. Feldman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: NUVASIVE, ORTHOPEDIATRICS  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lanna Feldman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jing Feng**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**James Alfred Fernandes**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark Phillips Figgie**

Ownership interest, an executive role, and/or is an employee: Wishbone MedicalJoint Effort

ASOHS2Icarus

Researcher: \*\*NO\*\*

Consultant/Advisor: LimaWishboneIcarus

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: WishBone MedicalLima

Stock (excludes mutual funds): WishBone Medical

Other financial or material support: \*\*NO\*\*

**Justin Fitzgerald**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*



Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ryan Fitzgerald, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ORTHOPEDIATRICS

Consultant/Advisor: DEPUY,MEDTRONIC,ORTHOPEDIATRICS

Speaker: JOHNSON,MEDTRONIC,ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jill C. Flanagan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: NuVasive, Orthofix

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Paul R. Fleissner, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ARTHREX

Speaker: ARTHREX

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Molly Fletcher**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nicholas D. Fletcher, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: MEDTRONIC\_SOFAAMOR,NUVASIVE,ORTHOPEDIATRICS,ZIMMER

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lorena Floccari, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John "Jack" M. Flynn, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: BIOMET, Wolters Kluwer Publishers  
Speaker: \*\*NO\*\*  
Independent contractor: Law firms  
Royalty: BIOMET  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew Folkman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eric Fornari, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David Fralinger, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Corinna C. Franklin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jeanne M. Franzone, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: ORTHOPEDIATRICS  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Steven L. Frick, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Markus Winther Frost**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Marcelo Hideki Fujino**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Corey Brandon Fuller, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ryan J. Furdock**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ryan J. Furdock**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Peter G. Gabos, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: DEPUY  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Amanda Kay Galambas**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Emily Gale**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jesse Galina**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Theodore J. Ganley, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Samantha Garcia**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Gardner**

Ownership interest, an executive role, and/or is an employee: NSite Medical, Inc

Researcher: \*\*NO\*\*

Consultant/Advisor: DEPUY,GLOBUS,JOHNSON,KCI,OsteoCentric,SI Bone

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: DePuy Synthes, SI Bone, Globus

Stock (excludes mutual funds): OsteoCentric, Conventus, NSite Medical, Imagen Technologies

Other financial or material support: \*\*NO\*\*

**Sumeet Garg, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: MEDTRONIC

Speaker: MEDTRONIC

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yihua Ge**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yael Gelfer, MD, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Peyton Gelley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stephen Graham George**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: STRYKER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Andrew Gregory Georgiadis, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Gaia Georgopoulos, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Paul Gerdhem**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: DEPUY,PHILIPS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alec Giakas**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Romie F. Gibly, MD, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Corey Gill, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Scott Gillespie**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Allison Gilmore, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Edina Gjonbalaj**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*



Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael P. Glotzbecker, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MEDTRONIC,NUVASIVE,ORTHOPEDIATRICS,NSite Medical  
Speaker: JOHNSON,NUVASIVE,SYNTHES  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): orthobullets  
Other financial or material support: \*\*NO\*\*

**Caroline Gmelich**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Charles Goldfarb, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: ACUMED  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rachel Goldstein, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Yvonne Golightly**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ariana E. Gonzalez**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christine Goodbody**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ryan C. Goodwin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS,STRYKER,ZIMMER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Adam Mark Gordon**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Megan Gorham, PA-C**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark E. Gormley, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: Neurocrine

Consultant/Advisor: AbbvieIpsen

Speaker: Ipsen

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bryn R. Gornick**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): ELI\_LILLY,JOHNSON,MERCK,PFIZER,ZIMMER

Other financial or material support: \*\*NO\*\*

**Alex Gornitzky, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Hilton Gottschalk, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Emily Graham**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **H Graham, MD, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Jakob Bie Granild-Jensen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Daniel W. Green, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: ARTHREX, PEGA medical

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Dustin A. Greenhill, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alexander Huntington Griffith**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Emmanouil (Manos) Grigoriou, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Chelsey Grimbly**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: Ultragenyx  
Consultant/Advisor: Ultragenyx  
Speaker: Ultragenyx  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Preston W. Gross**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**JUPITER GROUP**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Simone Gruber**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Borna Guevel**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tenner J. Guillaume, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Purnendu Gupta, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: DEPUY  
Speaker: DEPUY  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rajul Gupta**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sumit Kumar Gupta, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David P. Gurd, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lawrence L. Haber, MD**

Ownership interest, an executive role, and/or is an employee: ORTHOPEDIATRICS,ZIMMER

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS,ZIMMER

Speaker: ORTHOPEDIATRICS,ZIMMER

Independent contractor: \*\*NO\*\*

Royalty: ORTHOPEDIATRICS

Stock (excludes mutual funds): ORTHOPEDIATRICS

Other financial or material support: \*\*NO\*\*

**Akram A. Habibi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Geoffrey F. Haft, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: ORTHOPEDIATRICS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ahmed Hagag, MD, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shamrez Haider**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yasmin D. Hailer**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Blake Hajek**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*



Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew Halanski, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Exact Sciences

Other financial or material support: \*\*NO\*\*

**Matthew F. Halsey, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Reggie C. Hamdy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Megan Hannon**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alison Hanson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Christina K. Hardesty, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MEDTRONIC, ORTHOPEDIATRICS  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: ORTHOPEDIATRICS  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Danielle Harding**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jennifer Deborah Harris**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Taylor Harris**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Timothy James Harris**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Hilary Harris**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Courtney Hartman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Sayyida Hasan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Aresh Hashemi-Nejad**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lucas Hauth**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**John H. Healey**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: MUSCULOSKELETAL,STRYKER

Consultant/Advisor: Daiichi Sankyo

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Madison R. Heath**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Daniel Hedequist, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: MEDTRONIC

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael J. Heffernan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Held**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ilkka J. Helenius, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: CERAPEDICS, MEDTRONIC, NUVASIVE, STRYKER

Consultant/Advisor: GLOBUS, MEDTRONIC, STRYKER

Speaker: CERAPEDICS, MEDTRONIC, NUVASIVE, STRYKER

Independent contractor: CERAPEDICS, MEDTRONIC, NUVASIVE, STRYKER

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Linda Helenius**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: MEDTRONIC, STRYKER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Claudia Hendrick**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Steven Maxwell Henick**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): ELI\_LILLY,PROCTOR\_GAMBLE

Other financial or material support: \*\*NO\*\*

### **John Henley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Robert N. Hensinger, MD**

Ownership interest, an executive role, and/or is an employee: LIPPINCOTT, Journal of Pediatric Orthopaedics

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Martin J. Herman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: DEPUY

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Jose A. Herrera-Soto, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: BIOMET,ZIMMER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **John Anthony "Tony" Herring, MD, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: MEDTRONIC,Elsevier  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John E. Herzenberg, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: NUVASIVE,ORTHOFIX,ORTHOPEDIATRICS,SMITH&NEPHEW,WishBone Medical  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Walter Herzog**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: CIHR  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jessica H. Heyer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Benton E. Heyworth, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Imagen Technologies, Inc. (stock options)  
Other financial or material support: \*\*NO\*\*

**Jaclyn Hill, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: STRYKER  
Speaker: ORTHOPEDIATRICS  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

#### **Howard Hillstrom**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

#### **Sean Taylor Hinds**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

#### **Larysa Hlukha**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

#### **Christine Ho, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*



**Emily S. Ho**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Claire Hockett**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Daniel G. Hoernschemeyer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: Biomarin  
Independent contractor: \*\*NO\*\*  
Royalty: ORTHOPEDIATRICS  
Stock (excludes mutual funds): ORTHOPEDIATRICS  
Other financial or material support: \*\*NO\*\*

**Grant Douglas Hogue, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Katharine Hollnagel**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stephanie M. Holmes, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sevan Hopyan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yusuke Hori**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David B. Horn, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): JOHNSON

Other financial or material support: \*\*NO\*\*

**Pooya Hosseinzadeh, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Molly Houlihan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nathan Houlihan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jason Howard, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David A. Hsiou**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jack Hu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kevin Huang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sharon Grace Huang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**James Hoi Po Hui, FRCSE**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Arika Brook Hull**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**James S. Huntley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Elsevier, Springer  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Aaron Huser, DO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lauren E. Hutchinson, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Steven Hwang, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: DEPUY,NUVASIVE,ZIMMER  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Auctus  
Other financial or material support: \*\*NO\*\*

**Sunghyun Hwang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Chizitam Ibezim**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kenneth lerardi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stephanie Ihnow, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kenneth David Illingworth, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Carl W. Imhauser**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: CORIN

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Meghan N. Imrie, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christopher A. Iobst, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: NUVASIVE, ORTHOFIX, SMITH & NEPHEW, Wishbone Medical

Speaker: NUVASIVE, ORTHOFIX, SMITH & NEPHEW

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lisa S. Ipp**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: MERCK

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shawn Izadi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Madeleine Jackson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nicholas Jackson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Max Jacobs**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Tahmina Akhtar Jahan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Amirhossein Jahandar**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Aaradhana Jivendra Jha, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*



Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Amit Jain, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Chrystina James**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Deeptiman James**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michelle A. James, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Adam A. Jamnik**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Joseph Janicki, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Pfizer  
Other financial or material support: \*\*NO\*\*

**Diego Jaramillo, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: PFIZER  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jacob Jaremko**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Co-founder of Medo.ai, a startup focused on automating ultrasound image analysis.  
Other financial or material support: \*\*NO\*\*

**Julio J. Jauregui**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nadine M. Javier**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kelly Jeans**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**RUSSELL JENNINGS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Chan-Hee Jo, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Jofe, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Benjamin Johnson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Louise Johnson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Megan Johnson, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jessica Johnstone**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Thomas Michael Johnstone**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Wilsaan M. Joiner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Hunter Jones**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jerry Jones, MD**

Ownership interest, an executive role, and/or is an employee: Cal Tenn Innovation Inc - co-owner

Researcher: \*\*NO\*\*

Consultant/Advisor: B Braun USA

Speaker: NYSORA (New York School Of Regional Anesthesia)

Independent contractor: \*\*NO\*\*

Royalty: Cal Tenn Innovation Inc - patent holder

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Venus Joumaa**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jonathan Joyner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Muayad Kadhim, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Zeev Kain**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: NIH  
Consultant/Advisor: Pacira  
Speaker: Edwards, Merck  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ali Kamran**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael Seungcheol Kang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Victoria Marie Kang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alexa Jaclyn Karkenny, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**James R. Kasser, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): ABBOTT,JOHNSON,PFIZER  
Other financial or material support: \*\*NO\*\*

**Toshali Katyal**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brian Edward Kaufman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: JOHNSON  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Neil Kaushal, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Atsuyuki Kawabata**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Catia Miyuki Kawamura**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert M. Kay, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): BIOMET,DEPUY,JOHNSON,MEDTRONIC,PFIZER,ZIMMER

Other financial or material support: \*\*NO\*\*

**Burak Kaymaz**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*



Other financial or material support: \*\*NO\*\*

**Clare Kehoe**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lukas G. Keil**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David Matthew Kell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jennifer Kelley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Simon P. Kelley, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Derek M. Kelly, MD, FAAOS, FAOA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: MD Orthopedics

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: Elsevier Publishing

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mackenzie Kelly**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Patrick Kelly, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: Setting Scoliosis Straight Foundation

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shannon McClure Kelly, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lynne M. Kerr**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alicia Kerrigan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sassan Keshavarzi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Stephanie Kha**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tahir Khan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sameer Rehan Khawaja**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Bardia Khosravi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sara N. Kiani**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ata M. Kiapour, PhD, MMSc**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Harry KW Kim, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Crispr TherapeuticsVertex Pharmaceuticals  
Other financial or material support: \*\*NO\*\*

**Jung-Ryul Kim, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jessica King, PA-C**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Julia Kirby**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Anne Klassen**

Ownership interest, an executive role, and/or is an employee: EVENTUM Research Inc

Researcher: \*\*NO\*\*

Consultant/Advisor: EVENTUM Research

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: I receive royalty when Q-Portfolio instruments are used in for-profit research studies

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christian Klemt**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kevin E. Klingele, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Dylan Kluck, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**D Raymond Knapp Jr, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Gregory Knell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jessica Knight**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mininder S. Kocher, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS,OSSUR

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: ORTHOPEDIATRICS,OSSUR

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Pranav Kodali**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ryan Koehler, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): ABBOTT,GE\_HEALTHCARE,PFIZER

Other financial or material support: \*\*NO\*\*

**Søren Kold**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: Wishbone

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jayne Koltsov**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Heather Kong**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alpesh Kothari, MA, BM, BCh, AFHEA, MSc, DPhil, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kyle Albert Kowalewski**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Denver Burton Kraft**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Dennis Kramer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*



Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Venkatadass Krishnamoorthy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Richard W. Kruse, DO, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: ORTHOPEDIATRICS  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anubrat Kumar**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Evelyn Kuong, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kevin Z. Kwan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew E. LaBarge**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): NORVARTIS

Other financial or material support: \*\*NO\*\*

**Jennifer C. Laine, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Aaron Lam**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ping Tsz Lam, MBBS,FRCSE**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew Landrum, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: Wishbone

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Wishbone

Other financial or material support: \*\*NO\*\*

**Robert Scott Lang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ronald Lewis, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bente Lomholt Langdahl**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: Samsung, Mereo

Consultant/Advisor: AMGEN,UCB

Speaker: AMGEN,UCB, Gedeon-Richter, Astellas, Astra-Zenica

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Joanna Lind Langner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**A Noelle Larson, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: MEDTRONIC

Consultant/Advisor: DEPUY,GLOBUS,MEDTRONIC,ORTHOPEDIATRICS,STRYKER

Speaker: DEPUY,GLOBUS,MEDTRONIC,ORTHOPEDIATRICS,STRYKER,ZIMMER

Independent contractor: \*\*NO\*\*

Royalty: GLOBUS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jill E. Larson, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael J. Lauth**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Gin Way Law**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**J Todd Lawrence, MD, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: SAWBONES  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Edward Y. Lee**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lois Lee**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nicole Kim Luan Lee**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Maureen Leffler**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Candice Shana-kay Legister**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nathaniel Lempert, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Madison Elizabeth Lennon**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nancy Lennon, MS, PT, DPT**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Timothy Leonard**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Seth S. Leopold**

Ownership interest, an executive role, and/or is an employee: I am the editor-in-chief at Clinical Orthopaedics and Related Research, and a large portion of my salary support is paid to my university from the Association of Bone and Joint Surgeons, which owns CORR, because of that work.

Researcher: I am the editor-in-chief at Clinical Orthopaedics and Related Research, and a large portion of my salary support is paid to my university from the Association of Bone and Joint Surgeons, which owns CORR, because of that work.

Consultant/Advisor: I am the editor-in-chief at Clinical Orthopaedics and Related Research, and a large portion of my salary support is paid to my university from the Association of Bone and Joint Surgeons, which owns CORR, because of that work.

Speaker: I am the editor-in-chief at Clinical Orthopaedics and Related Research, and a large portion of my salary support is paid to my university from the Association of Bone and Joint Surgeons, which owns CORR, because of that work.

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Justin Less**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Thomas Roy Lewis, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Irene Li**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ying Li, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: MEDTRONIC

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jayson Lian**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kevin BL Lim, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sai Kiang Lim**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Hold founder shares of Paracrine Therapeutics Pte Ltd.

Other financial or material support: \*\*NO\*\*

**Adrian Lin**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*



Other financial or material support: \*\*NO\*\*

**Amelia M. Lindgren, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Erica Linskey**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David Liu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David Liu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ivan Z. Liu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Raymond W. Liu, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: ORTHOPEDIATRICS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yungtai Lo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lindsey Locke, RN, CPNP-P**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Randall T. Loder, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stephanie Logterman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tara Long, CMP, DES**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Megan Lomax**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Baron S. Lonner, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: DEPUY  
Independent contractor: \*\*NO\*\*  
Royalty: DEPUY,ZIMMER  
Stock (excludes mutual funds): Spine Search  
Other financial or material support: \*\*NO\*\*

**Jose Augusto Fernandes Lopes**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nicholas Lopreiato, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Craig R. Louer, Jr., MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: DEPUY  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David Louie**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nathaniel Grey Loyd**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John P. Lubicky, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Scott J. Luhmann, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: GLOBUS,MEDTRONIC\_SOFAMOR,ORTHOPEDIATRICS,STRYKER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Brett R. Lullo, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yuhan Ma**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**W.G. Stuart Mackenzie, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: DEPUY

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**William G. Mackenzie, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: BioMarin

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alexandra T. Mackie**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bruce MacWilliams**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Arjandas S. Mahadev, FRCS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Susan T. Mahan, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): We have STOCK but not STOCK OPTIONS in Abbott, Bristol Myers-Squibb, Eli Lilly, J&J, Merck, Pfizer.

Other financial or material support: \*\*NO\*\*

**Chris Makarewich, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Marina Makarov**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: ORTHOFIX  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Claire Manhard**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mary Claire Manske, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alfred A. Mansour, III, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: JOHNSON  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Hilal Maradit Kremers**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Gabrielle Marchelli**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michelle Marks, PT, MA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ian Marpuri**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Benjamin D. Martin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Armando S. Martinez**



Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rachael Martino, BA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jeffrey E. Martus, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Karim Masrouha, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): PFIZER  
Other financial or material support: \*\*NO\*\*

**Travis Matheney, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: ORTHOPEDIATRICS  
Speaker: SMITH&NEPHEW  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Smitha Mathew**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Hiroko Matsumoto, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): PFIZER

Other financial or material support: \*\*NO\*\*

**Cortney Matthews**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mikko Mattila, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Collin May, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS,Wishbone Medical

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jared May**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Laura M. Mayfield, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Daniel McBride**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**James J. McCarthy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: ORTHOPEDIATRICS  
Independent contractor: \*\*NO\*\*  
Royalty: NUVASIVE  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Catherine McClellan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anna McClung**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Philip McClure, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: Novadip  
Consultant/Advisor: NUVASIVE, ORTHOFIX, SMITH & NEPHEW, SYNTHES  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tyler McDonald, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jessica A. McGraw-Heinrich, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Cristina McGreal**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Amy McIntosh, MD**

Ownership interest, an executive role, and/or is an employee: NUVASIVE  
Researcher: \*\*NO\*\*  
Consultant/Advisor: NUVASIVE  
Speaker: NUVASIVE  
Independent contractor: \*\*NO\*\*  
Royalty: NUVASIVE  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rachel McKee**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nikki McKenna**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kelly McKeon**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Dell C. McLaughlin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jessica McQuerry, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Thomas James McQuillan, III**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Olivia McVeigh-Mellor**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Molly Meadows, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Charles T. Mehlman, DO, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: Oakstone Medical Publishing

Stock (excludes mutual funds): DynaMD / Dynamo Crutches

Other financial or material support: \*\*NO\*\*

**Leila Mehraban Alvandi, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Erin Meisel, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: TISSIUM

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Joint Development LLC

Other financial or material support: \*\*NO\*\*

**Gregory A. Mencio, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shaun Mendenhall**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: PolyNovo

Speaker: PolyNovo

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Veronica Marie Meneses**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Candelaria Mercado**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Juergen Messner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Tyler Metcalf**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alexander Metoxen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*



Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Zachary Meyer**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Blake Meza**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Cinthya Meza**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lyle J. Micheli, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Todd A. Milbrandt, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: DEPUY,MEDTRONIC,Seaspine,Nview,Nsite,  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Viking Scientific  
Other financial or material support: \*\*NO\*\*

**Matthew D. Milewski, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Daniel Miller, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Freeman Miller, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nancy Hadley Miller, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Patricia E. Miller, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Stacey Miller**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael B. Millis, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Elsevier  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Barbara Minkowitz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anthony Minopoli**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Douglas Mintz**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**R Justin Mistovich, MD, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stuart L. Mitchell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): PFIZER

Other financial or material support: \*\*NO\*\*

**Firoz Miyanji, MD, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: DEPUY,ZIMMER

Independent contractor: \*\*NO\*\*

Royalty: ZIMMER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michelle Mo, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bjarne Moeller-Madsen, MD, PHD, Clin prof, Senior consultant**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alice Moisan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stanley Richard Moll**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bjarne Møller-Madsen, Sr.**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Anna Monley**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Carlos Monroig-Rivera**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nicole Montgomery, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Blake Montgomery, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**James F. Mooney, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Harold Gregory Moore, IV**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Stephanie N. Moore-Lotridge, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mauro Cesar Morais Filho, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: ORTHOPEDIATRICS  
Speaker: ORTHOPEDIATRICS  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sara Morgan, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**William Zachary Morris, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eileen Mairi Morrow**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Maziar Moslehyazdi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Cara Mossides**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mohammadreza Movahhedi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ryan D. Muchow, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*



**Jeanne Mulay**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kellen Mulford**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kishore Mulpuri, MBBS, MHSc, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: Pega Medical

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jose Munoz-Espeleta, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yousif Murad**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Anne Murphy**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Joshua S. Murphy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ALPHATEC,DEPUY,ORTHOPEDIATRICS

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): ALPHATEC

Other financial or material support: \*\*NO\*\*

**Margaret Siobhan Murphy-Zane, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Robert Francis Murphy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: GLOBUS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Greg Myer**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Amog Mysore**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Kiranpreet Nagra**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Andrew Nahr**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Sreeharsha Nandyala, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Unni G. Narayanan, MD, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: CIHR,COF, AO Foundation

Consultant/Advisor: AO Foundation  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alysa Nash**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Amalie E. Nash**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Hiba Naz**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kevin M. Neal, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: ORTHOPEDIATRICS  
Stock (excludes mutual funds): HAND,JOHNSON,ORTHOPEDIATRICS,Gilead Sciences, Inc.Vertex Pharmaceuticals  
Other financial or material support: \*\*NO\*\*

**Susan Nelson, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**James Nemunaitis**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jeffrey Jerome Nepple, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: SMITH&NEPHEW

Independent contractor: \*\*NO\*\*

Royalty: Responsive

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Peter O. Newton, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ALPHATEC,DEPUY,MEDTRONIC,NUVASIVE,STRYKER,ZIMMER

Consultant/Advisor: GLOBUS,STRYKER,Spinologics,Pacira

Speaker: STRYKER,Pacira

Independent contractor: GLOBUS,STRYKER,Pacira

Royalty: DEPUY,STRYKER

Stock (excludes mutual funds): Acellus

Other financial or material support: \*\*NO\*\*

**Kelvin Ng**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stacy Ng**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Cynthia Nguyen, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Hillary Brenda Nguyen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jie C. Nguyen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Joseph Nguyen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Vuong Nguyen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Emily Nice**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Erikson Nichols**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Marianne Frydendal Nielsen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Timothy Niiler**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kian Niknam**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Carl W. Nissen, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: OSSUR  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Charles Paul Nolte, Jr.**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kenneth J. Noonan, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MEDTRONIC  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: BIOMET  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tom F. Novacheck, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*



Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eduardo Novais, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Susan A. Novotny**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Katherine Dorn Nowicki, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Michael Tyler O'Connell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jennifer Marie O'Donnell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael (M) O'Sullivan, Jr.**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew E. Oetgen, MD, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ramona Okumura**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Z. Deniz Olgun, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Dana Courtney Olszewski, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: Orthopediatrics

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yousi Angeli Oquendo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: NSITE Medical Inc - Future Royalties

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kevin Jossue Orellana**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Caitlin Orner, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lauren Osborne**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Timothy S. Oswald, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: NUVASIVE, ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: MEDTRONIC\_SOFAMOR, ORTHOPEDIATRICS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Norman Y. Otsuka, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sylvia Ounpuu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew Owen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Takuya Oyaizu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Joshua Pahys, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: DEPUY,NUVASIVE,ZIMMER  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Dror Paley, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: NUVASIVE  
Independent contractor: \*\*NO\*\*  
Royalty: NUVASIVE,ORTHOFIX,ORTHOPEDIATRICS,SMITH&NEPHEW  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Casey Lynn Palmer**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**WOEI JACK PAN**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nirav Kiritkumar Pandya, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Joshua Pang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Joshua Hei-Nan Pang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lon Kai Pang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Chinmay Shivaram Paranjape, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): ALPHATEC, ORTHOPEDIATRICS, STRYKER  
Other financial or material support: \*\*NO\*\*

**Stefan Parent, MD, PhD**

Ownership interest, an executive role, and/or is an employee: Spinologics

Researcher: DEPUY

Consultant/Advisor: DEPUY

Speaker: DEPUY, ORTHOPEDIATRICS, STRYKER

Independent contractor: \*\*NO\*\*

Royalty: EOS-Imaging, Rodin 4D

Stock (excludes mutual funds): Spinologics Inc.

Other financial or material support: \*\*NO\*\*

**Sarah Parenti**

Ownership interest, an executive role, and/or is an employee: Guardant Health

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Guardant Health

Other financial or material support: \*\*NO\*\*

**Shital N. Parikh, MD, FACS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kwangwon Park, MD, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nicholas Christian Parody**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Valerie Parrish, PA-C**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nicolas Pascual-Leone**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Harshadkumar A. Patel, MBBS, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Niki K. Patel**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Neeraj Patel, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*



Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Sachin Pathangey**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Line Kjeldgaard Pedersen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Meagan Pehnke**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Andrew Pennock, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Daniel Pereira**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Crystal Perkins, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tanja Marika Perokorpi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Joseph Perra, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: MEDTRONIC  
Consultant/Advisor: MEDTRONIC\_SOFAMOR  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: MEDTRONIC\_SOFAMOR  
Stock (excludes mutual funds): St Theresa Medical  
Other financial or material support: \*\*NO\*\*

**Maty Petcharaporn**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kaitlyn Petrando**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tiffany Phan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rachel Phillips**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**William A. Phillips, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Wolters Kluwer Health  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kristan A. Pierz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jordan Pizarro**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David A. Podeszwa, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOFIX

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jordan Polk**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ethan Ponton**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Selina Poon, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: OREF

Consultant/Advisor: \*\*NO\*\*

Speaker: DEPUY,MEDTRONIC,ORTHOPEDIATRICS,STRYKER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Pratik Pradhan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jai Prasadh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Andrew E. Price, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): DeBogy

Other financial or material support: \*\*NO\*\*

**James Andrew Pruneski**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Vincent Prusick, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Olivia Katherine Pruss**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sumit Pruthi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: SECTRA

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stephanie Pun, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Theodore Quan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Gija Rackauskaite**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Daniel A. Raftis**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tyler Daniel Ragsdale**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ole Rahbek**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Abhilash Rakkunedeth Rakkunedeth Hareendranathan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anna Johnson Rambo, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Subaraman Ramchandran**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Norman Ramirez-Lluch, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brandon A. Ramo, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sheena Chandran Ranade, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*



**Ellie Randolph**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Himanshu Rao**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Denise Ann Rapacz, NP, RN**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Abhi Rashiwala**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christopher Redman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: DePuy

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**J Court Reese**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christina Regan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christopher W. Reilly, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bryan O. Ren**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jordan Renner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Erica Respeto**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Susan Ann Rethlefsen, PT**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Julia S. Retzky**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Leslie Rhodes, DNP**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jonathan Riboh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: Smith & Nephew

Speaker: STRYKER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Restor3d Stock Options

Other financial or material support: \*\*NO\*\*

**Anthony Riccio, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ARTHREX

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jaime Rice Denning, MD, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Ann Richey**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kathleen Dolores Rickert, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mark A. Rieger, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Clare Rimnac**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: DEPUY  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eliane Rioux Trottier, MDCM**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Todd F. Ritzman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MEDTRONIC, Apto Orthopaedics  
Speaker: STRYKER  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Apto Orthopaedics  
Other financial or material support: \*\*NO\*\*

**Ennio Antonio Rizzo Esposito**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Craig A. Robbins, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: NUVASIVE, ORTHOPEDIATRICS, SMITH & NEPHEW

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christian Roberts**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Karyn Robinson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lori Robinson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**William Bradley Roepke**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kenneth Rogers, PhD,ATC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nathan Rogers, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Matthew Rohde**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jan Duedal Rolfing**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOFIX

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mikayla Roof**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Edwin Rosado**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Scott B. Rosenfeld, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**John David Ross, Jr.**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: GLOBUS, ORTHOFIX

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kirsten Ross, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Justin Roth, DO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*



Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anna Rothenberg**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Pouria Rouzrokh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Benjamin D. Roye, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Summer Bloom Runestad**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Garrett E. Rupp**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anna Ryabets-Lienhard**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: AMGEN, Ascendis, Ultragenyx, Takeda  
Consultant/Advisor: BioMarin  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Christina Carin Rymond**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Coleen S. Sabatini, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sanjeev Sabharwal, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Numera Sachwani**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Karen Sacks**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jose De Jesus Salazar-Torres**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Amer F. Samdani, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: NUVASIVE,ZIMMER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jonathan Samet**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Julie Balch Samora, MD, PHD, MPH, FAAOS, FAOA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Trinity Kronk Samson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**James O. Sanders, MD**

Ownership interest, an executive role, and/or is an employee: Tether Implant Corporation

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS, Greensun

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: Tether Implant Corporation

Stock (excludes mutual funds): ABBOTT, GE\_HEALTHCARE, Tether Implant Corporation, Greensun

Other financial or material support: \*\*NO\*\*

**Julia Skye Sanders, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Wudbhav N. Sankar, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS, Seimens

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: Wolter Kluwer Health  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Alberto Santiago Cornier**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: SHIRE  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brenda Santillan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sulagna Sarkar**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Vishal Sarwahi, MBBS, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: NUVASIVE,Precision  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jeffrey R. Sawyer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MEDTRONIC,ORTHOPEDIATRICS

Speaker: DEPUY,ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: Elsevier

Stock (excludes mutual funds): Elsevier-Book Royalties

Other financial or material support: \*\*NO\*\*

**Oliver Sax, DO, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Katherine Sborov**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mena Scavina**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: PFIZER,Parent Project Muscular Dystrophy

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**William Schaberg**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Emily Schaeffer, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ORTHOPEDIATRICS  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David M. Scher, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**John A. Schlechter, DO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: ARTHREX  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew Robert Schmitz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: HitCheckWishBone  
Speaker: JBJS Miller Review  
Independent contractor: \*\*NO\*\*  
Royalty: Publishing Royalties, Elsevier  
Stock (excludes mutual funds): HitCheck  
Other financial or material support: \*\*NO\*\*

**Michael L. Schmitz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jonathan G. Schoenecker, MD, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: NIAMS\_NICHD, Department of Defense

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: RockLake

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jonathon S. Schofield**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jacob Schulz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ORTHOPEDIATRICS

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Pierre-Emmanuel Schwab**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Schwartz**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*



Other financial or material support: \*\*NO\*\*

**Julieanne P. Sees, DO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kathryn Segal**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jesse Seilern Und Aspang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Paulo R P Selber, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Courtney Selberg, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Dexter Seow**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Akshay Seth**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Carolyn Marie Sewell-Roberts**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lior Shabtai, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Apurva S. Shah, MD, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Hitesh Shah, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Suken A. Shah, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: DEPUY  
Consultant/Advisor: DEPUY,Pacira BioSciences  
Speaker: \*\*NO\*\*  
Independent contractor: Setting Scoliosis Straight Foundation  
Royalty: DEPUY,GLOBUS,STRYKER  
Stock (excludes mutual funds): DEPUY,GLOBUS,STRYKER  
Other financial or material support: \*\*NO\*\*

**Muhamad Hamza Shamim**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Claire Elizabeth Shannon, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: NUVASIVE,ORTHOPEDIATRICS,Pacira  
Speaker: ORTHOPEDIATRICS  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Melinda Sharkey, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**William J. Shaughnessy, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**K. Aaron Shaw, DO, FAAOS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kevin G. Shea, MD**

Ownership interest, an executive role, and/or is an employee: nView, Inc.Sarcio, Inc  
Researcher: \*\*NO\*\*  
Consultant/Advisor: nView, Inc.Sarcio, Inc  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): Superior Organoid Technologies Medical Advisory BoardnView Medical Advisory Board  
Other financial or material support: \*\*NO\*\*

**Benjamin West Sheffer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Thomas Shields**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Chang-Ho Shin, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Claire Shivers**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Benjamin J. Shore, MD, MPH, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**M Wade Shrader, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Beth Shubin Stein**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ARTHREX

Independent contractor: \*\*NO\*\*

Royalty: ARTHREX

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Harry L. Shufflebarger, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: STRYKER

Independent contractor: \*\*NO\*\*

Royalty: DEPUY,STRYKER

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Claudio Silveri**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Rachel Silverstein, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Micah Sinclair, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kumar Amerendra Singh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mallika Singh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sulabh Singhal**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rishi Sinha**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ernest Sink, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Caitlyn Siu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David L. Skaggs, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: NUVASIVE  
Consultant/Advisor: BIOMET,GLOBUS,ZIMMER  
Speaker: BIOMET,ZIMMER  
Independent contractor: \*\*NO\*\*  
Royalty: BIOMET,GLOBUS,MEDTRONIC,ZIMMER,Wolters Kluwer Health  
Stock (excludes mutual funds): Green Sun Medical, Zipline Medical, Inc  
Other financial or material support: \*\*NO\*\*

**Kevin Smit, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brian G. Smith, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Isabel Smith**



Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tyler Scott Smith**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brian D. Snyder, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: NIAMS\_NICHD,OREF  
Consultant/Advisor: OREF,ORTHOPEDIATRICS,Alcyone  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lok Wah Noah So**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anshul Sobti**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jennifer Beth Soep, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Garrett Sohn**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jochen Son-Hing, MD, FRCSC**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mi Hyun Song**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Christopher D. Souder, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jeffrey Spardy**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Joshua N. Speirs, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**David D. Spence, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ORTHOPEDIATRICS

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: Elsevier

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Samantha Anne Spencer, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lauren Spirov**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Paul D. Sponseller, MD, MBA**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: DEPUY,GLOBUS,NUVASIVE,ORTHOPEDIATRICS

Speaker: DEPUY,NUVASIVE

Independent contractor: \*\*NO\*\*

Royalty: GLOBUS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Vincent Staggs**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: MERCK

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shawn C. Standard, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: NUVASIVE,SMITH&NEPHEW,WishbonePega Medical "Orthopediatrics"

Speaker: NUVASIVE,Wishbone

Independent contractor: NUVASIVE,SMITH&NEPHEW,WishbonePega Medical

Royalty: NUVASIVE,SMITH&NEPHEW,Pega MedicalWishbone

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Anthony A. Stans, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Phoebe Catherine Stark**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kristen Marie Stearns-Reider**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Teri Stech**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Richard Steiner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Suzanne E. Steinman, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew Thomas Stepanovich, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Byron Stephens, MD, MSCI**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: NUVASIVE,STRYKER  
Consultant/Advisor: DEPUY,NUVASIVE,Carbofix  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lindsay Patricia Stephenson, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Peter M. Stevens, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: OrthofixOrthopediatrics  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Blair Stewig**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Joseph Stone, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alan K. Stotts, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Harms Study Group**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Pediatric Spine Study Group**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher:

BIOMET,DEPUY,GLOBUS,MEDTRONIC,NUVASIVE,ORTHOPEDIATRICS,STRYKER,SYNTHES,ZIMMER, nView Medical, Boston Orthotics & Prosthetics, Pacira

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Austin Sturdivant**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Peter F. Sturm, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Green Sun Medical

Other financial or material support: \*\*NO\*\*

**Chris Stutz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Alvin W. Su, MD, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Daniel J. Sucato, MD, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: GLOBUS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Parker Suit**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*



Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Camille Sullivan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mikaela Sullivan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Nicholas Sullivan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Carmen Sulton**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kristie J. Sun**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ishaan Swarup, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Anna Marie Swetz**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Marc Swiontkowski**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: NIAMS/NIH  
Consultant/Advisor: JBJS  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Akbar Nawaz Syed**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Johanna Syvänen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sean Tabaie, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: ORTHOPEDIATRICS

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Saeid Tabatabaei**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Vishwas R. Talwalkar, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Divya Talwar**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**BARRY TAN**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Omar Tarawneh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Magdalena Tarchala, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Naureen Tareen**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nazgol Tavabi**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Daveda Taylor**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Tristen Taylor**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Sally Tennant, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Elizabeth Terhune**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Mihir M. Thacker, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Evelyn S. Thomas, DO**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Rachel Mednick Thompson, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**David C. Thornberg**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matt Thornton**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Tanner Thornton**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Meagan E. Tibbo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kali Tileston, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Abhishek Tippabhatla**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jarred Todd**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Wei Seong Toh**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**James E. Toledano, Jr, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ORTHOPEDIATRICS

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Vernon T. Tolo, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: Editor Emeritus of Journal of Bone and Joint Surgery

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Marc Tompkins**

Ownership interest, an executive role, and/or is an employee: Sarcio, Inc.

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Haley N. Tornberg**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*



Other financial or material support: \*\*NO\*\*

**Beltran Torres-Izquierdo**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Laura Lowe Tosi, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Caroline Tougas, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kristin Toy**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Arianna Trionfo, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Stockton Troyer**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Walter Lam Huu Truong, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Kirsten Tulchin-Francis, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: POSNA - co-PI and co-I

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: General Dynamics Information Technologies (panel reviewer, CDMRP, Department of Defense)

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Analog Devices (formerly, Maxim Integrated)

Other financial or material support: \*\*NO\*\*

**Alexander Turner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jennifer Ty, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Molly Uchtman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Dallyn Udall**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Armagan Can Ulusaloglu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**V. Salil Upasani, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Daedalus Medical Solutions  
Stock (excludes mutual funds): ORTHOFIX, ORTHOPEDIATRICS  
Other financial or material support: \*\*NO\*\*

**Bella Vakulenko-Lagun**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Mauricio Valdez**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kelly Vanderhave, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sara Van Nortwick, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew William Veerkamp, Jr.**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Frances Velez-Bartolomei**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Anna D. Vergun, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Yashvi Verma, MSc, BSc**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Esben Vestergaard**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: Nordic InfucareRubin Medical

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Justin Vickery**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Don Virostek**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Keshin Visahan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael G. Vitale, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: STRYKER,ZIMMER

Speaker: BIOMETRIC,STRYKER

Independent contractor: \*\*NO\*\*

Royalty: Wolters KluwerZimVie Spine

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Bjoern Vogt, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: NUVASIVE,ORTHOFIX,SMITH&NEPHEW,MereteKyowa KirinBioMarin

Speaker: NUVASIVE,ORTHOFIX,SMITH&NEPHEW,MereteKyowa KirinBioMarin

Independent contractor: \*\*NO\*\*

Royalty: NUVASIVE,ORTHOFIX,SMITH&NEPHEW,MereteKyowa KirinBioMarin

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jordan Vokes, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Rushabh Vora**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**John Vorhies, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: Nview Medical

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Nview medical

Other financial or material support: \*\*NO\*\*

**Carley Vuillermine, FRACS, MBBS, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**William Hunter Waddell**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Daniel Wagner**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Charlotte Wahle**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brian Wahlig**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sean Waldron, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Eric J. Wall, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Lindley B. Wall, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*



Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Halle Walls**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Angela Wang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: ARTHREX,BIOMET  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Dean Wang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MITEK,Vericel, Newclip  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

### **Shengqing Wang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**William C. Warner, Jr, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: MEDTRONIC,MEDTRONIC\_SOFAMOR

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: Elisiver publishing

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jonathan R. Warren**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Peter M. Waters, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Colyn Watkins, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michelle C. Welborn, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: ZIMMER

Consultant/Advisor: DEPUY,NUVASIVE,ORTHOPEDIATRICS,STRYKER,ZIMMER,Alexion/Astrozenica

Speaker: DEPUY,NUVASIVE,ORTHOPEDIATRICS,STRYKER,ZIMMER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Nicole Welch**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Elizabeth Wellings, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Daniel Weltsch, MD, MPH**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jessica Westfall**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Cambria Wethey**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Patrick William Whitlock, MD, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: MUSCULOSKELETAL

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): Moderna

Other financial or material support: \*\*NO\*\*

**Roger F. Widmann, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: MEDTRONIC,SpineGuard

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: ORTHOPEDIATRICS,SpineGuard

Stock (excludes mutual funds): SpineGuard

Other financial or material support: \*\*NO\*\*

**Jacob Wild, BS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Michael Wilk**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Madeleine Willegger**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Matthew William**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Brendan Williams, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Samuel Clifton Willimon, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Emily Wilson**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Philip Wilson, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Elsevier  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Robert Lane Wimberly, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: Elsevier - textbook royalties  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Sam Wimmer**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Janus Wong**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Keng Lin Wong**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: 3M-KCI  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Kenneth Pak Leung Wong**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jidapa Wongcharoenwatana**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Katherine Lindsey Wood**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Tishya A L Wren, PHD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jonathan Wright**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Po-Kuei Wu**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Charles Wyatt, NP**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Cody Wyles**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**JOHN WILLIAM XEROGEANES**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: ARTHREX,Trice

Speaker: ARTHREX

Independent contractor: \*\*NO\*\*

Royalty: ARTHREX

Stock (excludes mutual funds): Trice

Other financial or material support: \*\*NO\*\*

**Sricharan Yadali**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*



Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Shi Yan**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Daniel Yang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Guang Yang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Kenneth Guangpu Yang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Scott Yang, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Burt Yaszay, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: DEPUY,MEDTRONIC,NUVASIVE,STRYKER,Biogen  
Speaker: DEPUY,NUVASIVE,STRYKER  
Independent contractor: \*\*NO\*\*  
Royalty: GLOBUS,NUVASIVE,ORTHOPEDIATRICS,STRYKER  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Yi-Meng Yen, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Caglar Yilgor, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: MEDTRONIC  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Petya Yorgova**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Petya Yorgova**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ernest Y. Young, MD, MS**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Jason Young**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Megan Lynn Young, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Taylor Zak**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*  
Researcher: \*\*NO\*\*  
Consultant/Advisor: \*\*NO\*\*  
Speaker: \*\*NO\*\*  
Independent contractor: \*\*NO\*\*  
Royalty: \*\*NO\*\*  
Stock (excludes mutual funds): \*\*NO\*\*  
Other financial or material support: \*\*NO\*\*

**Ira Zaltz, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: Orthopediatrics

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Karina A. Zapata, PT, DPT, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Benjamin Zendejas**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: STRYKER

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Emily Zhang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Hong Zhang, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: GLOBUS

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Jessica Zhang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Shipin Zhang**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Eric Zhao**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**George Zhao**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Lei Zhao**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Jenny Liu Zheng**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Jacob Zide, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Remy Zimmerman**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

### **Dan Ariel Zlotolow, MD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: Checkpoint

Independent contractor: \*\*NO\*\*

Royalty: ACUMED, ARTHREX

Stock (excludes mutual funds): McGinley Orthopaedics

Other financial or material support: \*\*NO\*\*

### **Bryn Zomar, PhD**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*

**Dr David Zurakowski**

Ownership interest, an executive role, and/or is an employee: \*\*NO\*\*

Researcher: \*\*NO\*\*

Consultant/Advisor: \*\*NO\*\*

Speaker: \*\*NO\*\*

Independent contractor: \*\*NO\*\*

Royalty: \*\*NO\*\*

Stock (excludes mutual funds): \*\*NO\*\*

Other financial or material support: \*\*NO\*\*