



2023

Research Grant Winners and Spring Micro Grant Winners

2023 Research Grant Winners

Angela S.M. Kuo Memorial Award

Eric Fornari, MD — \$50,000

Psychological Assessment of Scoliosis Patients Undergoing Surgery (PASS)

Albert Einstein College of Medicine, Bronx, NY

Arthur H. Huene Memorial Award

Wudbhav (Woody) Sankar, MD — \$30,000

Contrast-Enhanced Ultrasound to Evaluate Femoral Head Perfusion in DDH

The Children's Hospital of Philadelphia, Philadelphia, PA

St. Giles Young Investigator Award

Michael Patrick McClincy, MD — \$30,000

Evaluation of Capsular Impact on Hip Biomechanics Under Physiologic Loading

Gillette Children's University of Pittsburgh, Pittsburgh, PA

POSNA Research Grants (3)

- **Allen Kadado, MD — \$30,000**
Sensitivity, Specificity, and Accuracy of Dynamic Spinal Cord Mapping
The Research Institute at Nationwide Children's Hospital, Columbus, OH
- **Richard Schwend, MD — \$30,000**
Why Do Patients with SCFE Have Increased Mortality and Morbidity?
The Children's Mercy Hospital, Kansas City, MO
- **Alexandre Arkader, MD — \$30,000**
Genetic Profiling in Multiple Hereditary Exostosis
The Children's Hospital of Philadelphia, Philadelphia, PA

POSNA Research Start-Up Grant

Daniel Gregory, MD — \$10,000

Wearable Sensors for Gait Surveillance in Children with Cerebral Palsy

Shriners Hospitals for Children, Boston, MA

POSNA Registry Grant (3-year grant - Year 2 of 3)

Anthony Philip Cooper, FRCS, MBChB — \$148,900 total (Year 1 \$49,600)

International Limb Differences Registry

University of British Columbia, Vancouver, BC, Canada

Clinical Trial Planning Grant

Mohan Belthur, MD — \$30,000

Screw Vs. K-wire Fixation for Pediatric Lateral Condyle Fractures: a RCT

Phoenix Children's Hospital, Phoenix, AZ

Roshen N. Irani Research Grant

Rachel Thompson, MD — \$20,000

The Role of Social Determinants in Return-to-Activity Following Fractures

The Regents of the University of California, Los Angeles, CA

Roshen N. Irani Research Training Grants (2)

- **Madeleine Jackson, MD — \$10,000**

Relationship of Perigenicular Ligaments and the Physeal Perichondral Ring

The Regents of the University of California, San Diego, CA

- **Taylor R. Johnson, MD — \$10,000**

SET Screws: A Novel Approach to Anterior Spinal Growth Modulation

The Board of Trustees of the Leland Stanford Junior University, Palo Alto, CA

POSNA QSVI Grants (2)

- **Maryse Bouchard, MD, MSc, FRCSC — \$12,998.14**

Improving Regional Anesthesia for Foot Surgery in Children with CMT

The Hospital for Sick Children, Toronto, Ontario, Canada

- **Jason B. Malone, DO — \$14,992**

The Utilization of Ultrasound to Diagnosis Pediatric Elbow Fractures

Nemours Children's Hospital, Orlando, FL



2023 Spring Micro Grant Winners

Joshua Abzug, MD — \$1,000 (Funded by CurveBeam AI)

Using a Music Glove as a Tool for Hand Rehabilitation

University of Maryland School of Medicine, Baltimore, MD

Maryse Bouchard, MD, MSc, FRCSC — \$1,000 (Funded by Miach Orthopaedics)

Exposure to Community Pediatric Orthopaedics in Canadian Residency Training

The Hospital for Sick Children, Toronto, Ontario, Canada

Lindsay Crawford, MD — \$1,000 (Funded by PediTST)

Effect of Sleep in Adolescents on Bone Healing Evaluated by Range of Motion

The University of Texas Health Science Center at Houston, Houston, TX

Ryan Katchky, MD — \$1,000 (Funded by PediTST)

Developing an Outpatient Surgical Pathway for Paediatric Orthopaedic Trauma

The University of Western Ontario, Ontario, Canada

Collin May, MD, MPH — \$998.40

Posttraumatic Stress After Limb Lengthening/Deformity Correction Surgery

Boston Children's Hospital, Boston, MA

Susan A. Novotny, PhD — \$1,000

Why Adults with Child-Onset Conditions Decline Research Participation?

Gillette Children's Specialty Healthcare, St. Paul, MN

Gabrielle Rauls, BS — \$925

Radiation Exposure of Pediatric Orthopedic Operating Room Staff

Medical University of South Carolina, Charleston, SC

Apurva S. Shah, MD, MBA — \$1,000

Functional Outcomes of Upper Limb Differences Registry: CRUS

The Children's Hospital of Philadelphia, Philadelphia, PA

Margaret Wright, MD — \$1,000

"How Do I Get Back on the Field?" ACL Reconstruction Educational Videos

Nicklaus Children's Hospital, Miami, FL