# Welcome

## Thank You

We are so excited to welcome you to the Inaugural Johns Hopkins Orthopaedic Surgery Research Symposium! We came up with the idea to host this event back in July, when, on one of our dedicated research days, we were talking about how nice it would be to have an avenue for everyone here to share the innovative projects they were all working on with one another. Everybody wants practice presenting their work in front of larger audiences before heading to conferences, and we felt this event would be the perfect opportunity to do just that. We hoped to give people an event where they could hear about cool research, chat with other people in the field, and, most importantly, have a good time.

Thanks to all who helped make this event happen, and thanks to our speakers for all the interesting presentations!

John P. Avendano '23-'24 Poggi Fellow, rising M4

> William ElNemer '23 Silberstein Fellow, M2

#### To our mentors:

Dr. Dawn LaPorte Dr. Babar Shafiq Dr. Amiethab Aiyer Dr. Richard Skolasky

...for supporting the conceptualization of this idea, from start to finish, and providing us with the necessary resources and advising to help make it a reality.

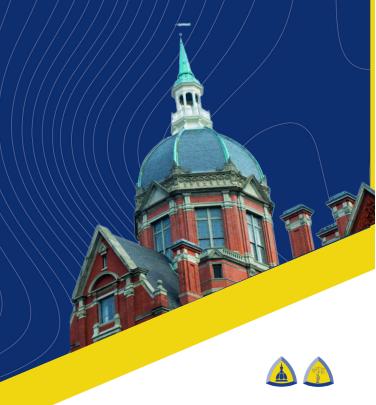
#### To our panel of abstract reviewers:

Dr. Paul Sponseller
Dr. Greg Osgood
Dr. Adam Levin
Dr. Vishal Hegde
Dr. Amiethab Aiyer
Dr. Edward McFarland
Dr. Richard Skolasky

...for reviewing all submissions to this symposium and providing us with insightful feedback and comments.

Lastly, thank you to all presenters and attendees for coming out and helping make this event a special evening for all involved! The 2024 Inaugural
Johns Hopkins

# Orthopaedic Surgery Research Symposium



February 29th, 2024

### Schedule

Note: All presentations are 5 minutes each.

#### 5:30-5:35 pm

Opening & Welcome Address

#### 5:35-6:10pm

#### Kim, Andrew (Research Fellow):

The Impact of Resident Geographical Background on the Orthopaedic Surgery Residency Match

#### Vankara, Ashish (MS3):

The Influence of Parental Occupation and Education Level in Orthopaedic Surgery Residency Applicants

#### Seidenstein, Ali (PGY-1):

Relationship Dynamics During Medical Residency: A Study on Match Choices, Strain, and Support Systems

#### Kishan, Arman (Research Fellow):

How low can we go? A randomized controlled trial of low-quantity initial opioid prescriptions for shoulder surgery

#### Glenn, Eve (MS1):

Predictors of Acute Compartment Syndrome in Tibial Plateau Fractures: A Systematic Review **Q&A** (10 minutes)

#### 6:10-6:45pm

#### Schmerler, Jessica (MS3):

Differences in Rates of Surgeon Attrition from Academia in the United States by Gender and Subspecialty

#### Murdock, Chris (PGY-2):

Trends in Racial, Ethnic, and Gender Diversity in Orthopaedic Surgery Sports Medicine Fellowships from 2007-2023

#### Green, Will (MS2):

Research and Innovation in the Treatment Options of Dupuytren's Contracture: Analysis Using an Integrated Data Network

#### Bergstein, Victoria (MS2):

Hyperparathyroidism is Associated with Increased Revision Risks Within 10 Years of Total Shoulder Arthroplasty

#### Thomas, Kiyanna (Research Fellow):

Trends in surgical procedures for shoulder instability among patients with Ehlers-Danlos syndrome or joint hypermobility syndrome

Q&A (10 minutes)

#### 6:45-7:20pm

#### Zhu, Stanley (Research Fellow):

Correlation between Altmetric score and traditional bibliometric measures for rotator cuff tear manuscripts

#### Haft, Mark (Research Fellow):

Higher Reoperation Rates Observed following Primary Rotator Cuff Repair Augmented with Bioinductive Bovine Collagen Implant for Rotator Cuff Tears

#### Elsabbagh, Zaid (MS1):

Does Use of GLP-1 Agonists Increase Perioperative Complications in Patients Undergoing Shoulder Arthroplasty?

#### Okeke, Laurence (Research Fellow):

The Clinical Utility of the One Finger Test for Symptomatic Acromioclavicular Pathology

#### Goldfarb, Sarah (MS2):

Clinical Outcomes in Patients Undergoing Reverse Shoulder Arthroplasty for Dislocation Arthropathy versus Osteoarthritis of the Shoulder **Q&A** (10 minutes)

#### 7:20-8:05pm

Dinner

#### 8:05-8:40pm

#### Ghanem, Diane (Research Fellow):

ChatGPT-4 Knows Its A B C D E but Can't Cite Its Source

#### Li, Steve (Research Fellow):

No Difference in Postoperative Infection Rate in Arthroscopic Rotator Cuff Repair When Using Reusable Versus Single-Use Instrumentation

#### Shu, Henry (MS4):

A Novel Pelvic Training Model for Fluoroscopic Imaging in Orthopaedic Trauma

#### Al-Ali, Samir (MS2):

Factors Affecting Early Antibiotic Delivery in Open Tibial Shaft Fractures

#### Siler, Brad (MS2):

Healthcare Costs for the Initial Management of Osteosarcoma

Q&A (10 minutes)

#### 8:40-9:15pm

#### Cha, Myung-Jin (Research Fellow):

Predicting Major Compensatory Deformity in Congenital Scoliosis

#### Reichard, Gabrielle (Research Fellow):

Behind the Curtain in Questionnaire Scoring: Non-Standard Responses

#### Foltz, Mary (Research Fellow):

Low Back Pain Treatment Options Based on Statistical Shape Models: Spinal Decompression vs. Non-Operative

#### Joshi, Aditya (Research Fellow):

Age as a Criterion in Multilevel Posterior Cervical Fusion Surgery: A Propensity Scored Analysis

#### Nazario Ferrer, Gabriel

(Research Fellow): Overview of Clinical Outcomes Following

Lumbar Laminectomy and Laminotomy: A Systematic

Review

Q&A (10 minutes)

#### 9:15-9:25pm

Awards

#### 9:25-9:30pm

Closing Remarks

