

Welcome

Thank You

The 2024 Inaugural
Johns Hopkins

Orthopaedic Surgery Research Symposium

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 EInemer
'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!



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 Score 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

