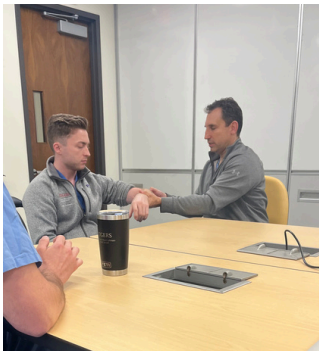
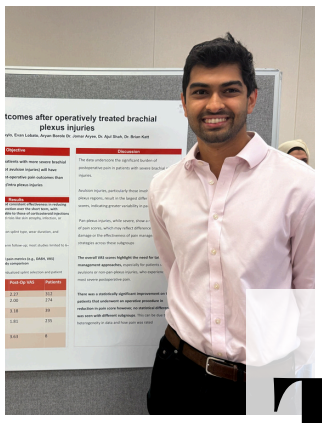












JULY 2025, VOL. 3, ISSUE 1

The Student View

RWJMS Orthopaedic Surgery Interest Group

Newsletter





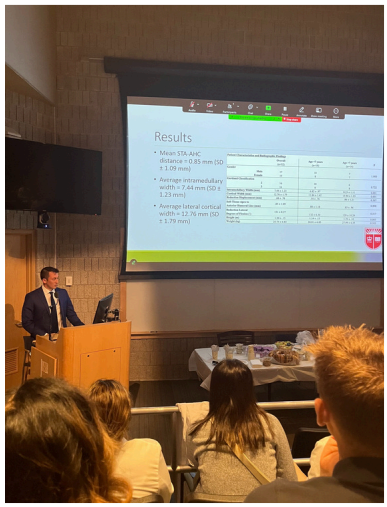
















JULY 2025, VOL. 3, ISSUE 1

The Student View

RWJMS Orthopaedic Surgery Interest Group Newsletter

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Spring-in-Review

Over the past semester, the Robert Wood Johnson Orthopaedic Surgery Interest Group (OSIG) hosted a total of **21 events**, featuring a diverse array of educational lectures, hands-on workshops, and experiential learning opportunities for our medical students. This newsletter highlights some of our key initiatives and achievements from the past semester as well as the outstanding accomplishments of our medical students.



To kick off the new year, OSIG partnered with several Rutgers undergraduate organizations—including the **One Health Club, Asian Pacific American Medical Student Association, Alpha Epsilon Delta Honor Society, Phi Delta Epsilon Medical Fraternity, GlobeMed,** and the **American Medical Student Association** — to host a panel featuring **nine first-year medical students.**







The panelists shared about their path to medical school and their experiences as current Robert Wood Johnson medical students. The **maiden** launch of this **Undergraduate Pathways** program provided an opportunity for OSIG to collaborate with the Rutgers undergraduate community while also providing an avenue for first-year medical students to share their knowledge and inspire the next generation of physicians.

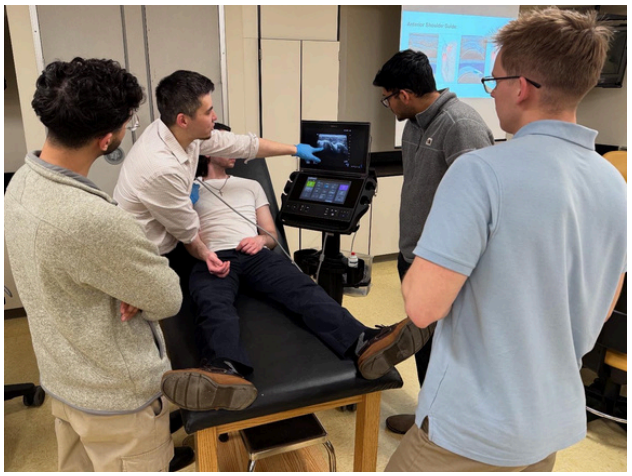
Spring-in-Review

To promote hands-on learning and enhance clinical skill development, OSIG organized **3 bio-skills** workshops, each designed to provide students with practical experience in key areas of musculoskeletal medicine. These included an **upper extremity splinting and casting workshop**, a **knee examination techniques session**, and the **inaugural Ultrasound Workshop** — hosted in **collaboration** with the **Diagnostic Radiology** and **Sports Medicine Interest Groups**.



During the Ultrasound workshop, students had the opportunity to rotate through **4 stations of ultrasound machines** and examine their peers for shoulder, hip, and or knee injuries under physician and technician supervision. The session included a basics of ultrasound review, where students learned about the various applications of ultrasound, along with the different types of machines and probes and their specific uses.





In addition to the bio-skills workshops, OSIG hosted **11 talks and Q&A panels**, including an **interprofessional Sports Medicine Panel** where healthcare providers from different backgrounds including non-operative sports medicine, orthopaedic surgery, pain management and rehabilitation, and physical therapy provided insights into what a career in sports medicine entails. Furthermore, in collaboration with a Rothman Orthopaedics biostatistician, OSIG hosted an **Introduction to Research Design and Statistics** session for our students.



Furthermore, our fourth-year medical students led a **post-match panel**, during which they shared their experiences and offered guidance to underclassmen on the residency application process. They discussed match statistics, provided insights into building a strong application, and advice on what it takes to be a successful orthopaedic surgery residency applicant.

Spring-in-Review

In response to the increasing competitiveness of the orthopaedic surgery residency application process, our advisor, **Dr. Brian Katt**, conducted personalized **one-on-one** advisory meetings with **33 Robert Wood Johnson medical students** over several days, offering individualized guidance and support. This effort is just one of many examples highlighting the department's strong commitment to student success.



While OSIG remains deeply committed to supporting the education of our medical students, we also strive to cultivate a strong sense of **community** within the organization. As a group we participated in the **Highland Park 5K**, where OSIG organized a team of over **20 runners** in support of the Highland Park Public School system.

Moreover, our students consistently demonstrated a strong sense of **camaraderie**, as they continue to coordinate their attendance at various events across the tri-state area - including the **Temple Spine Symposium**, where Rutgers Robert Wood Johnson Medical School had the largest representation from a single institution, and **The Perry Initiative** held at Rutgers New Jersey Medical School in Newark, New Jersey.



Temple Spine Symposium
at
Temple University, Philadelphia
Pennsylvania



The Perry Initiative
at
New Jersey Medical School, Newark
New Jersey

Congratulations Class of 2025!



We're incredibly proud of our graduating M4s, who have worked hard, found meaningful ways to engage in scholarship, and grown into thoughtful, capable individuals ready to take on the challenges of residency. It's been a privilege to watch their journey.

Sincerely,

Dr. Brian Katt

OSIG Faculty Advisor





Congratulations Class of 2025!



Giulia Frias
Temple University Hospital



Alioune Diane
New York Presbyterian Hospital - Columbia University Medical Center



Kevin Guerrero
New Jersey Medical School



Divya Anand
Zucker School of Medicine - Northwell Lenox Hill Hospital



Anisha Tyagi
Maimonides Medical Center



John Avendano
Johns Hopkins Hospital



Daniel Fernandes
Hackensack University Medical Center



Benjamin Basseri
Harbor - UCLA Medical Center

Award Spotlight

We are beyond proud to celebrate ***Alioune Diane*** on his remarkable achievement of receipt of the **Edward J. III Excellence in Medicine Foundation Scholarship**.



The **EJI Excellence in Medicine Awards** have been held annually since 1939 to honor outstanding providers and leaders in medical care, education, research, and public service who have made a significant impact on healthcare in New Jersey. The Foundation also supports the development of **future healthcare professionals** by recognizing students who have demonstrated exceptional achievement not only in academics but also in research, leadership, and community service within the state.

Alioune is one of only *10 students* across various healthcare disciplines in New Jersey to receive this prestigious award.

His passion for orthopaedics began even before entering medical school during his three years as an **Orthopaedic Clinical Research Assistant**. This early experience sparked a deep and lasting interest in the field which he continued to pursue in medical school as the **President** of the 2022–2023 executive board of the RWJMS Orthopaedic Surgery Interest Group (OSIG). In this role, he launched the school's first **Orthopaedic Operating Room Shadowing Program** and assisted in establishing the inaugural RWJMS Orthopaedic Surgery Summer Immersion Program, designed to provide rising second-year medical students with hands-on exposure and a deeper understanding of the field.





Alioune's commitment to student development extended beyond clinical interests as he co-founded the **Financial Literacy Interest Group** and his years of dedication to academic excellence, leadership, and service culminated in his induction into the **Alpha Omega Alpha (AOA) Honor Medical Society** during his final year of medical school.

This award is a small example of all Alioune has accomplished throughout his journey to becoming a physician. As he now embarks on the next chapter of his journey in New York City as one of the newest members of the **Columbia-NYP Orthopaedic Residency Program**, we continue to look forward to following all he will achieve!

Award Spotlight

Congratulations to ***Anisha Tyagi*** on being named as a **Rutgers Rising Star** — an incredible recognition of her scholarly achievements and dedication to the Rutgers community.



The **Rutgers Rising Star Scholars Program** recognizes exceptional medical students who consistently demonstrate a strong commitment to the core pillars of the **Rutgers Health mission**— scholarly achievement, excellence in discovery, innovation, entrepreneurship, and dedicated service to the Rutgers community.

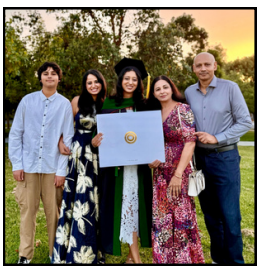
This honorary distinction is awarded to a select group of students from both Robert Wood Johnson and New Jersey Medical School. This year, **Anisha was one of only *24 students* chosen** for this highly competitive and distinguished honor.



Anisha, a biomedical engineering graduate from Columbia University, has consistently demonstrated a strong commitment to innovation and advocacy throughout her academic journey. At RWJMS, she continued this passion by **co-founding** the school's chapter of **Medical Students for a Sustainable Future**, advocating for the health of both patients and our planet. She also **spearheaded** the creation of RWJMS's tenth academic distinction track: the **Distinction in Climate Health and Environmental Sustainability**.

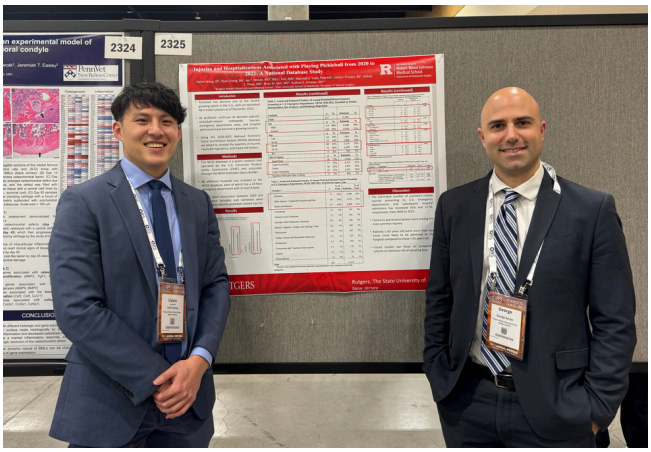


Anisha consistently demonstrated a commitment to supporting her peers as she devoted her time to OSIG and served as a **mentor**, such as through her participation in the **Fourth-Year Post-Match Panel** where she advised future residency applicants how to best approach the process. Her strong **dedication to service** is equally evident through her role as a **Caring Companion** and as a member of the **Disabilities Awareness Committee**, where she worked to promote inclusivity and patient-centered care. Anisha's commitment to scholarly excellence and community engagement culminated in her induction into the **Alpha Omega Alpha (AOA) Honor Medical Society** during her final year of medical school.

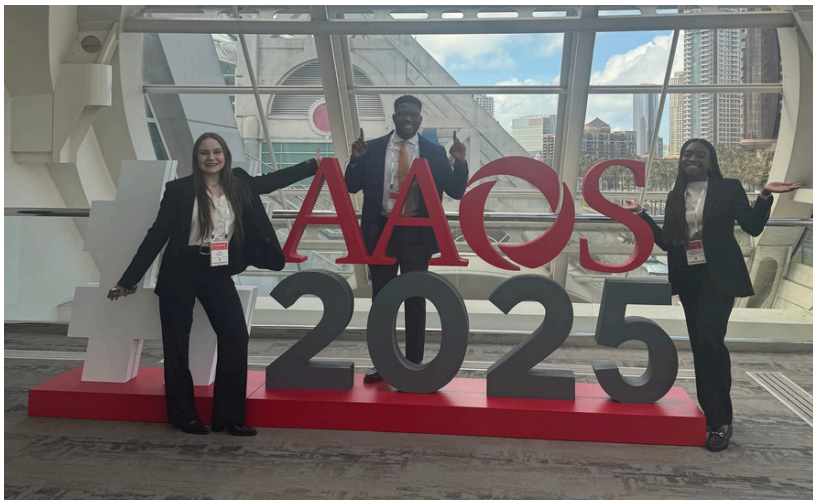


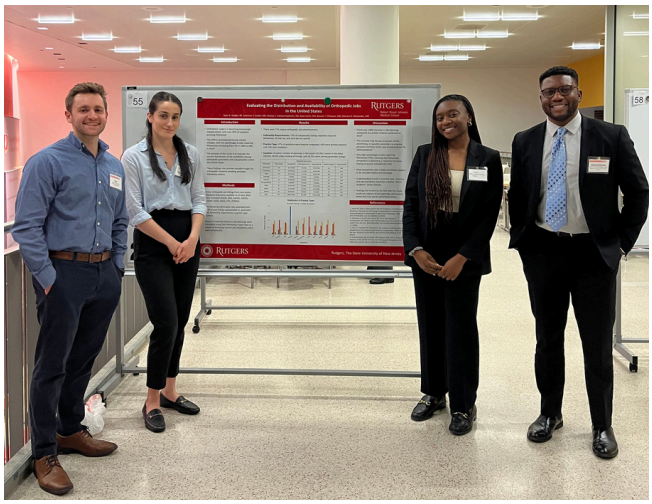
This award represents just one of the many accomplishments Anisha has achieved throughout her journey. As she begins the next chapter of her journey in New York City - joining the **Orthopaedic Residency Program at Maimonides Medical Center** - we look forward to witnessing all she will continue to accomplish in the years ahead!

Medical Student Scholarly Achievements



Our medical students continue to demonstrate a growing curiosity in the sciences and innovation as they travel across the country — from the East Coast to the West Coast—to present their many research projects and engage with the latest advancements in the field of orthopaedics. Some highlights from this semester include student presentations at the **Orthopaedic Research Society (ORS)** meeting in Phoenix, Arizona; the **Greater Philadelphia Orthopaedics Research Symposium (GPORS)** in Camden, New Jersey; and the **American Academy of Orthopaedic Surgeons Annual Meeting** in San Diego, California.





Posters

Evaluating the Safety of Early Return-to-Play in Athletes Suffering From Metacarpal and Scapohoid Fractures: A Systemic Review - **Presented at ORS**

Calvin Wang, BS; Jason Daniels, MBS; Daniel Devine, BA; Michael Simon, MD; David Kirschenbaum, MD; Brian Katt, MD

A Substantial Increase in Injuries and Hospitalizations Assocaited with Playing Pickleball form 2020 to 2022: A National Database Study - **Presented at ORS**

Ryan Cheng, BA; Jay Moran, MD; Billy Kim, MD; Marshall Yuan, PharmD; Connor O'Leary, BA; ***Calvin Wang, BS***; Joshua Dines, MD; Brian Katt, MD; Andrew Jimenez, MD

Assessing the Impact of Dementia on Total Hip Arthroplasty Outcomes - **Presented at ORS**

George Asrian, BS; Ryan Terrany, MBS

Developing A Novel Orthopaedic Surgery Summer Program for Medical Students - **Presented at Ruth Jackson Orthopaedic Society Great Lakes Meeting**

Jhillika Patel, MHS; Jomar Aryee, MD; Jason Yang, MD; Thomas McPartland, MD; Charles Gatt, MD; Brian Katt, MD

N+?: MRI Preoperative Planning to Avoid Graft-Tunnel Mismatch in BTB ACL Reconstruction - **Presented at GPORS - *Best Presentation Award Winner***

Anna Zakusylo, MBS; Evan Lobato, ATC; Eric Nussbaum, ATC; Kenneth Swan, MD; Patrick Buckley, MD; Charles Gatt, MD

Posters - Continued

Exploring the Impact of VR Headsets on Medical Students' Perceptions, Leanring Experiences, and Skill Development in Orthopedic Surgery Training: A Qualitative Investigation - **Presented at GPORS**

Andrew-Gerard Baddoo, BA; Nicole Badalyan, MS; Anirudh Kulkarni, BS; Sydney Thai, BS; Brian Katt, MD

Unilateral Incomplate Coalition of the Capitate, Trapezoid, and Tapezium with Trapezoid Fracture: Case Report - **Presented at GPORS**

Neal Dalal, BS; Steven Racki, BS; Benjamin Blitz, BS; Dane Pizzo, MD; Brian Katt, MD; David Kirschenbaum, MD

Elbow Soft Tissue Apex as a Marker for the Anterior Humeral Line: An Anatomic Landmark for Pinning of Pediatric Supracondylar Humerus Fractures - **Presented at GPORS**

Jared Sain, MD; Evan Lobato, ATC; Henry Resnikoff, BS; Joseph Hawes, BS; Aryan Borole, BS; ***Kike Afolabi-Brown, BS***; Jomar Aryee, MD; Stephen Adolfsen, MD

Elbow Soft Tissue Apex as a Marker for the Anterior Humeral Line: An Anatomic Landmark for Pinning of Pediatric Supracondylar Humerus Fractures - **Presented at the Medical Student Orthopedic Society Symposium - *MSOS Presentation Award Winner***

Jared Sain, MD; ***Evan Lobato, ATC***; Henry Resnikoff, BS; Joseph Hawes, BS; Aryan Borole, BS; Kike Afolabi-Brown, BS; Jomar Aryee, MD; Stephen Adolfsen, MD

Comparison of AAOS Appropriate Use Criteria with Large Language Model Recommendations for Treatment of Knee Osteoarthritis - **Presented at the Medical Student Orthopedic Society Symposium**

Bashar Zaidat, BA; ***Ryan Stadler, BS***; Lucy Sheng, BS; Akiro H. Duey, MD; Alexander Yu, MD; Jun S. Kim, MD; Samuel K. Cho, MD

Medical Student Publications

A Smaller Sample Size Is Associated With Lower Rates of Reporting of Harms in Randomized Controlled Trials Cited in the AAOS Clinical Practice Guidelines for Anterior Cruciate Ligament Injuries ***- The American Journal of Sports Medicine***

Ryan Stadler, BS; Ryan Terrany, MBS; Suleiman Sudah, MD; Kathryn Whitelaw, MD; Mariano Menendez, MD; Charles Gatt, MD; Ryan Plyler, MD

A Substantial Increase in Injuries and Hospitalizations Associated with Playing Pickleball from 2020 to 2022: A National Database Study ***- Arthroscopy, Sports Medicine, and Rehabilitation***

Ryan Cheng, BA; Jay Moran, MD; Billy Kim, MD; Marshall Yuan, PharmD; Connor O'Leary, BA; Calvin Wang, BS; Joshua Dines, MD; Brian Katt, MD; Andrew Jimenez, MD

Evaluating the Performance of ChatGPT4.0 vs. ChatGPT3.5 on the Hand Surgery Self-Assessment Exam: A Comparative Analysis of Performance on Image-Based Questions ***- Cureus***

Kiera Vrindten, MBS; Megan Hsu, BA; Yuri Han, BA; Brian Rust, MD; Heili Truumees, BS; Brian Katt, MD

Matching Human Expertise: Chat GPT's Performance on Hand Surgery Examinations ***- HAND***

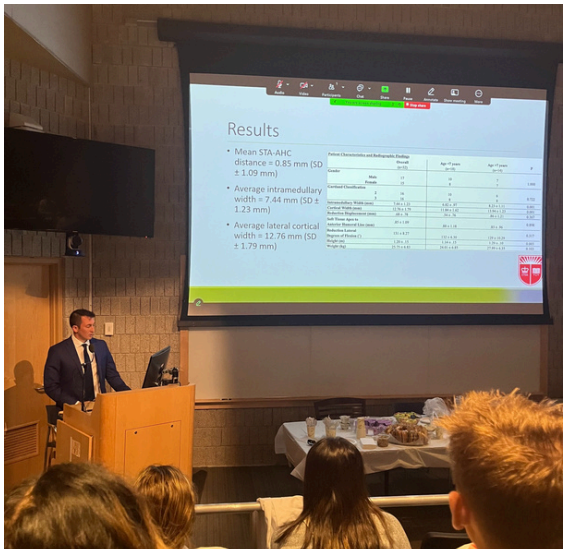
Zachary Kirschenbaum, BS; Yuri Han, BA; Kiera Vrindten, MBS; Hanbin Wang, MD; Ronald Cody, EdD; Brian Katt, MD; David Kirschenbaum, MD

Reconstruction and Regeneration of Composite Fingertip Injuries Using Accelular Bladder Matrix ***- Journal of Hand Surgery Global Online***

Usman Zareef, MD; Anna Green, MD; Caroline Moore, PA-C; Hari Iyer, MD; Brian Katt, MD; Ajul Shah, MD

Rutgers RWJ Department of Orthopaedics Research Day

This May, the Department of Orthopaedic Surgery at Rutgers RWJMS held its annual **Research Day**, offering residents, staff, and medical students the opportunity to present their ongoing research projects. OSIG members from various class levels presented an impressive **5 oral presentations** to the department as well as **16 posters** throughout the day. This remarkable level of student involvement at Research Day showcases the Rutgers RWJMS Orthopaedic Surgery department's **supportive mentorship** and **research culture** for our students to **excel**.



Presentations

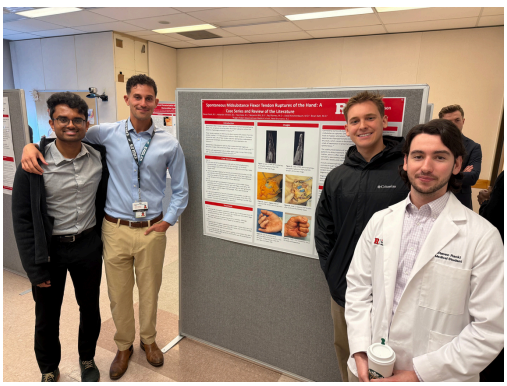
Elbow Soft Tissue Apex as a Marker for the Anterior Humeral Line: An Anatomic Landmark for Pinning of Pediatric Supracondylar Humerus Fractures
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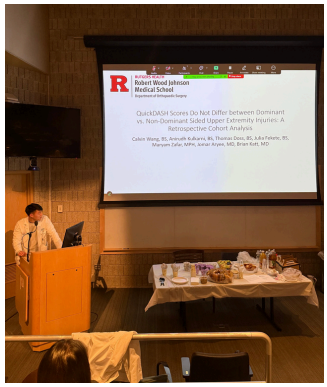
Matching Human Expertise: ChatGPT's Performance on Hand Surgery Examinations
Zachary Kirschenbaum; Yuri Han; Kiera Vrindten; Hanbin Wang; Ronald Cody; Brian M. Katt; David Kirschenbaum

QuickDASH Scores Do Not Differ between Dominant vs. Non-Dominant Sided Upper Extremity Injuries: A Retrospective Cohort Analysis
Calvin Wang; Anirudh Kulkarni; Thomas Doss; Julia Fekete; Maryam Zafar; Jomar Aryee, Brian M. Katt

Smaller Sample Size is Associated with Lower Rates of Harms Reporting in Randomized Controlled Trials Cited in the AAOS Clinical Practice Guidelines for ACL Injuries
Ryan D. Stadler; Ryan Terrany; Suleiman Y. Sudah; Mariano E. Menendez; Charles J. Gatt; Ryan Plyler

Evaluating the Safety of Early Return-to-Play after Metacarpal or Scaphoid Fracture: A Systematic Review
Calvin Wang; Jason Daniels; Daniel Devine; Mike Simon; David Kirschenbaum; Brian M. Katt







Research Year Highlight

We are thrilled to highlight our very own **Sydney Thai**, who will be spending the upcoming year as a 2025 - 2026 **Poggi Pediatric Orthopaedics Research Fellow** at **Johns Hopkins Medicine** in Baltimore, Maryland.

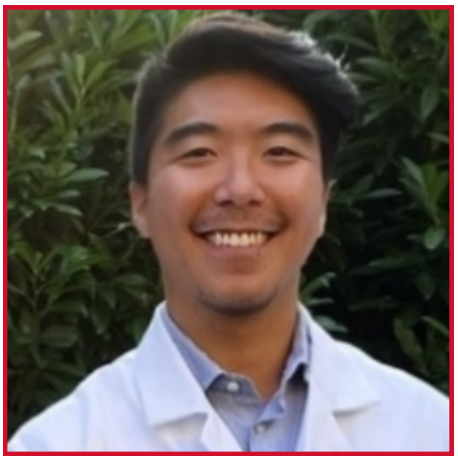


This **highly selective**, year-long fellowship offers medical students a unique opportunity to contribute to high-quality research in **pediatric orthopaedics** while also staying actively involved in clinical care. As a fellow, Sydney will meaningfully contribute to research projects alongside renowned faculty and continue developing her hands-on skills through direct involvement in the clinic - a unique **blend of academic and clinical growth** for her research year.



This is the second year that RWJMS has sent one of our medical students to this fellowship as one of our graduating students, **John Avendano**, is a **previous Poggi Research Fellow** from 2023 - 2024 and will soon be joining the **Johns Hopkins Orthopaedic Surgery Residency Program** as one of their newest residents. This continued connection highlights the growing ***inter-institutional relationships*** fostered by OSIG, as its network and impact continue to expand on a national level.

Congratulations to Our Residents!
Orthopaedic Fellowship Match 2025



Jason Yang, MD
Spine
University of California San Diego



Ryan Scheer, MD
Sports
Houston Methodist



Matthew Diehl, MD
Spine
Nashville Spine Fellowship

Welcome to the Residency Class of 2030!



Casey Cardillo, MD
Georgetown University School of Medicine



Hance Wilbert, MD
Saint Louis University Medical School



Quinn Kirkpatrick, MD
Sidney Kimmel Medical College at Thomas Jefferson University

Rutgers Robert Wood Johnson Department of Orthopaedic Surgery

Fracture Conference*

Monday mornings at 7:30 AM in MEB 102 at RWJUH and via Zoom

Grand Rounds*

Thursday mornings at 7:30 AM in MEB 102 at RWJUH

***Dress code**: white coat, business casual. It is recommended that medical students sit in the first two rows of the lecture hall in MEB 102.

The link for the Department Calendar can be found here

Departmental Social Media

For residency **YouTube** click **here**

For residency **Instagram** click **@rutgersrwjortho**

Stay Up to Date on Everything OSIG!

OSIG Social Media

You can find recordings of our previous events in **OSIG playlist** on the Residency **YouTube** click **here**

For OSIG **Instagram** click **@rutgers.osig**

For OSIG **Linktr.ee** click **/Rutgers_OSIG**

For Alumni

- We are in the process of building and expanding our alumni network. Our goal is to have connections nationwide to benefit our students and graduates alike.

- If you would like to **update your contact information**, please click **here** or scan the following QR code:

- OSIG is committed to providing the best learning experiences for our students and growing a vibrant alumni community through networking events. If you would like to contribute to our cause, please use the following link to **make a donation** or scan the following QR code: