



Massachusetts General Hospital

Sports Medicine Research Fellowship

Scott D. Martin, MD

Director, Sports Medicine Fellowship, MGH

Director, Joint Preservation Service, MGH

Associate Professor of Orthopaedic Surgery, Harvard Medical School

Head Team Physician, New England Patriots





DESCRIPTION

We are inviting third-year medical students (MS3) to apply for a Clinical Research Fellowship in Orthopaedic Sports Medicine at the Massachusetts General Hospital (MGH), a Harvard teaching hospital. The selected Research Fellow will be the 14th to go through this program, *one of the longest-running research fellowships in the country.*

This is an extremely competitive fellowship that is **awarded to one (1) rising fourth-year medical student** who has demonstrated a keen interest in orthopaedics and is a competitive candidate for orthopaedic residency.

This is a wonderful opportunity for a highly-motivated individual to supercharge their application for the orthopaedic residency match. This position is unique in that the medical student interacts with a nationally recognized orthopaedic surgeon on a daily basis. Furthermore, this position is unique in that it is a clinical research fellowship, meaning that it provides the opportunity to be mentored in a clinical setting, to learn and hone clinical examination skills, to attend lectures and conferences with orthopaedic residents and faculty, and to observe and assist in surgery.

OPPORTUNITIES

The Research Fellowship has a huge project pipeline and will result in several published manuscripts, book chapters, technique videos, and conference posters/podium presentations at national and international conferences.

FORMAL PROGRAMMING Orthopaedic resident surgery anatomy course, Grand rounds, Sports teaching conferences, Seminars, Professional meetings, and Development training courses

The Research Fellow works directly with Dr. Scott Martin on all matters and will lead the entire Research Group. The Research Fellow will have three primary responsibilities: writing publications, conducting prospective clinical trials in clinic, and reviewing and overseeing clinical research coordinator (CRC) projects and manuscripts.

RESPONSIBILITIES AND DAILY ACTIVITIES

- **Writing and Submitting Publications**
 - including managing revisions and edits requested by Reviewers
- **Clinic**
 - 2-3 times per week
 - enrolling patients into prospective trials & following-up on active enrollees
- **Surgery**
 - assist, participate, observe, learn in Sports Medicine cases
- **Manage & Mentor the Research Team**
 - including other medical students, post-baccalaureate CRCs
- **Developing Research Hypotheses, Performing literature reviews**
- **Composing Research Protocols, Drafting, Submitting IRB proposals**
- **Other IRB communications**
- **Collecting, Organizing, Analyzing Clinical Research Data**

Applicants are selected based on research experience and medical school performance, as well as enthusiasm and interest. The nature of the position makes excellent organizational and communication skills paramount.



APPLICATION TIMELINE

October 2024

Rolling applications for priority consideration deadline open

DECEMBER 1 2024, 11:59 PM EST

Deadline for priority consideration applications

Late December 2024

Interview Invitations for priority consideration applications

Jan/Feb 2025

Interviews

April/May 2025

Start of MGH Sports Medicine Research Fellowship!

MENTORSHIP

Dr. Martin is an Associate Professor of Orthopaedic Surgery at Harvard Medical School and the Head Team Physician/Chief Medical Officer for the New England Patriots. He is a member of the Sports Medicine Service, the Director of the Joint Preservation Service, and Director of the Sports Medicine Fellowship at Massachusetts General Hospital.

Dr. Martin is Board-Certified in Orthopedic Surgery has been named one of the top 100 doctors by Boston Magazine numerous times. He has received the prestigious Golden Apple Teaching Award and has been awarded the Distinguished Clinician Award by Harvard Medical School.



MASSACHUSETTS GENERAL HOSPITAL



Massachusetts General Hospital (MGH), located in Boston, Massachusetts, is one of the oldest and most renowned medical institutions in the United States, having been founded in 1811. It is the largest teaching hospital of Harvard Medical School and consistently ranks among the top hospitals in the country. MGH is known for its comprehensive clinical care, cutting-edge research, and innovation in medical treatments. With a robust focus on medical research, MGH operates the largest hospital-based research program in the U.S., advancing breakthroughs in various fields of medicine.

THE CITY OF BOSTON

Boston offers a wide range of activities and blends outdoor adventure, sports, and historical charm. The Charles River provides a scenic backdrop for kayaking, paddleboarding, and sailing, while its esplanade offers a popular running and biking path with beautiful views of the city skyline. Sports fans can immerse themselves in Boston's rich athletic culture by attending games of iconic teams like the New England Patriots (NFL), Boston Red Sox (MLB), Boston Celtics (NBA), and Boston Bruins (NHL). For those looking to explore Boston's historical side, Beacon Hill, with its cobblestone streets and gas-lit lanterns, offers a picturesque walk through one of the city's oldest and most charming neighborhoods. Lined with Federal-style row houses, it's a great spot to explore quaint shops, cafés, and the famous Louisburg Square. Whether you're a sports enthusiast, outdoor lover, or history buff, Boston has something for everyone.



APPLICATION INSTRUCTIONS

December 1st, 2024 for priority consideration.

A second deadline of January 19th, 2025 will be available for those who could not apply for priority consideration, but the position is not guaranteed to still be available on January 19th.

REVIEW Rolling basis, early application is favorable Interested individuals should submit a short application consisting of:

1. 2x2 Headshot
2. Include the earliest start date after completion of third year of medical school
 - mid-April/early May required
3. Confirm access to a vehicle for the entirety of the fellowship
4. Statement of past research experience and reason for interest in this particular fellowship
5. USMLE Step 1 Score Report
6. USMLE Step 2 Score Report or date
 - priority will be given to those who have completed Step 2 before beginning the fellowship
7. CV (up to date)
8. 1 letter of recommendation is appreciated but not required

The application should be emailed to: scottmartinresearchgroup@gmail.com with the subject line "Orthopaedic Research Fellowship— Applicant's [First & Last] Name"

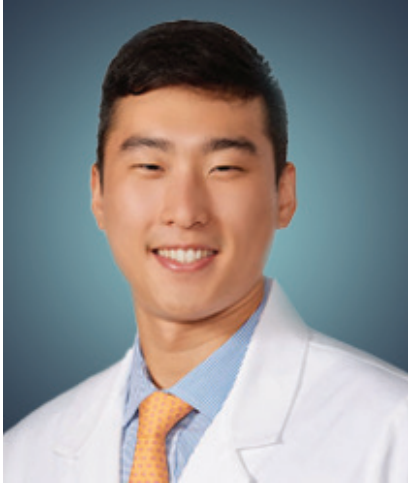
Not carefully following the above instructions may result in removal from consideration.

The first round of interview offers for individuals who apply by the December 1st priority deadline will be sent by the end of December 2024.

All questions should be directed to scottmartinresearchgroup@gmail.com.



CURRENT MGH SPORTS RESEARCH FELLOW



Jeffrey Mun

2024-2025

Geisinger Commonwealth SOM

Jeff grew up in Seoul, South Korea. He earned a Bachelor of Arts in biology and swam on the varsity team at Swarthmore College. After graduating in 2020, he conducted a year of endocrinology research through the Intramural Research Training Award program at the National Institute of Health Clinical Center. He currently attends Geisinger Commonwealth School of Medicine, where he has completed his first three years. He is excited to join Dr. Martin's research team as a research fellow. Outside of medicine, Jeff enjoys trail running, triathlon, and baking.

PRIOR MGH SPORTS RESEARCH FELLOWS



Stephen Gillinov, 2023-2024, Yale University SOM

Selected Publications

- Gillinov SM, LaPorte ZL, Lee JS, Siddiq BS, Dowley KS, Cherian NJ, Eberlin CT, Kucharik MP, Martin SD. Social determinants of health disparities increase five-year revision rates but not postoperative complications following primary hip arthroscopy. *Arthroscopy*. 2024 Aug 19;S0749-8063(24)00574-7. PMID: 39168257
- Gillinov SM, Siddiq BS, Cherian NJ, Martin SD. Puncture Capsulotomy Technique During Hip Arthroscopy. (Video) Puncture capsulotomy during hip arthroscopy. *JBJS Essential Surgical Techniques* 14(2):e23.00061, April-June 2024. <https://doi.org/10.2106/JBJS.ST.23.00061> PMID: 38903605.
- Gillinov SM, Lee JS, Siddiq BS, Dowley KS, Torabian KA, Dean MC, Cherian NJ, Cote MP, Martin SD. Association Between Severity of Chondrolabral Junction Breakdown and Functional Outcomes After Hip Arthroscopy for Acetabular Labral Tears. *The American Journal of Sports Medicine*. 2024;0(0) Published Online Ahead of Print June 14, 2024. <https://doi.org/10.1177/03635465241255950> PMID: 38872427



Bilal Siddiq, 2023-2024, University of Tennessee SOM

Selected Publications

- Siddiq BS, Gillinov SM, Cherian NJ, Martin SD. Arthroscopic Reconstruction of the Acetabular Labrum using Autograft Hip Capsule. (Video) *JBJS Essential Surgical Techniques*. (In press)
- Siddiq BS, Mun JS, Dean MC, Gillinov SM, Lee JS, Dowley KS, Cherian NJ, Martin SD. Os Acetabuli Do Not Portend Inferior 2-Year Functional Outcomes in Patients Undergoing Arthroscopic Acetabular Labral Reconstruction. *Arthroscopy*. <https://doi.org/10.1016/j.asmr.2024.101026> 2024 Oct 15. Online ahead of print.
- Siddiq BS, Giorgino R, Gillinov SM, Lee JS, Dowley KS, Cherian NJ, Martin SD. Neither Bone Marrow Aspirate Concentrate nor Platelet-Rich Plasma Improve Patient Reported Outcomes After Surgical Management of Acetabular Labral Tears; However, Bone Marrow Aspirate Concentrate May be Effective for Moderate Cartilage Damage: A Systematic Review. *Arthroscopy*. <https://doi.org/10.1016/j.asmr.2024.100991> 2024 Aug 27. Online ahead of print.



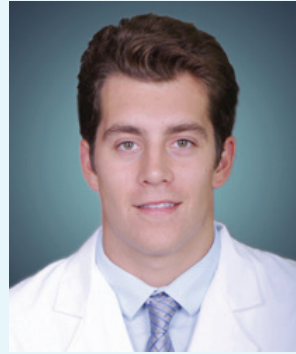
PRIOR MGH SPORTS RESEARCH FELLOWS



Nathan Cherian, MD
2022-2023
Current Position:
Orthopaedic Surgery
Resident, University of
Nebraska



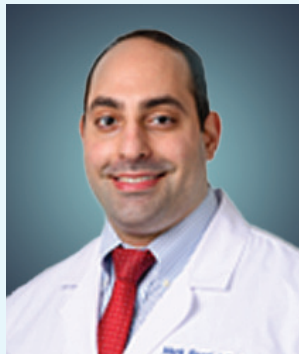
Christopher Eberlin, MD
2021-2022
Current Position:
Orthopaedic Surgery
Resident, University of Iowa



Michael Kucharik, MD
2020-2021
Current Position:
Orthopaedic Surgery
Resident, University of South
Florida



Paul Abraham, MD
2019-2020
Current Position:
Orthopaedic Surgery
Resident, University of
Southern California



Mark Nazal, MD
2018-2019
Current Position:
Orthopaedic Surgery
Resident, University of
Kentucky



John Stelzler, MD
2017-2018
Current Position:
Pediatric Orthopedic Surgery
Fellow, Children's Hospital of
Philadelphia, Pennsylvania



William Conaway, MD
2016-2017
Current Position:
Attending Orthopaedic
Surgeon, Connecticut
Orthopaedics



Noah Quinlan, MD
2015-2016
Current Position:
Attending Orthopaedic
Surgeon,
Bassett Healthcare Network



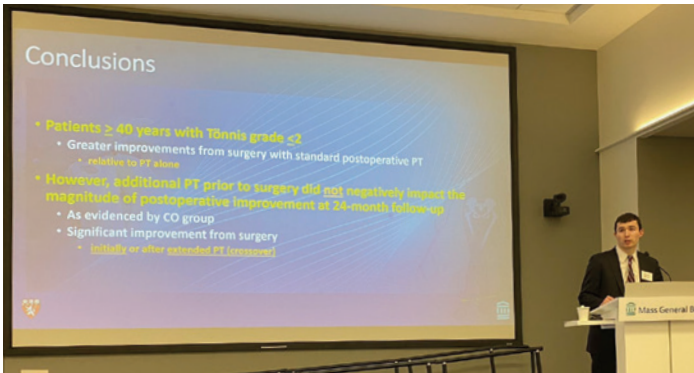
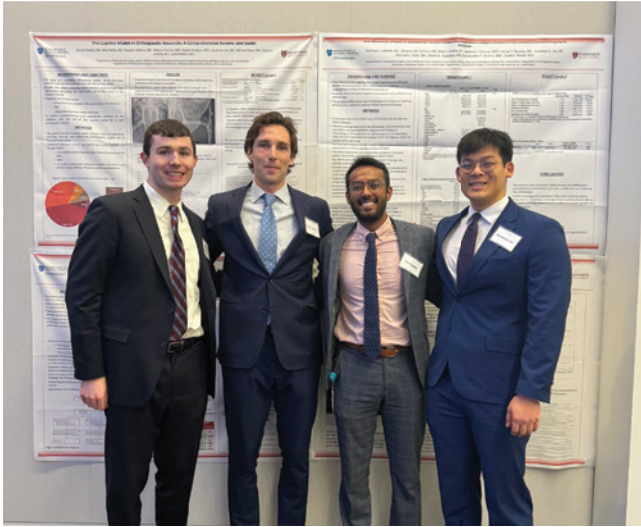
Shivam Upadhyaya, MD
2014-2015
Current Position:
Attending Orthopaedic
Surgeon,
South Florida Orthopaedics



Kyle Alpaugh, MD
2013-2014
Current Position:
Attending Orthopaedic
Surgeon,
Massachusetts General Hospital



FELLOWSHIP PICTURES



QUESTIONS? Please reach out to:

scottmartinresearchgroup@gmail.com or the current research fellow jmun@mg.harvard.edu

