



**Harvard Medical School -
Massachusetts General Hospital**

Orthopaedic Foot and Ankle Fellowship



Introduction and Welcome

Thank you for your interest in the Harvard Medical School/Massachusetts General Hospital Orthopaedic Foot and Ankle Fellowship program. This booklet is intended to give you an overview of the fellowship year.

Our commitment is to help you develop into an accomplished orthopaedic foot and ankle surgeon – clinically insightful, technically capable across a wide range of surgical procedures, and a critical analyst of the latest research. We pride ourselves on the interdisciplinary care of each patient, working as a team with other surgical and medical specialties, as well as podiatrists, physical therapists, cast techs, medical assistants, research assistants and support staff.

We have compiled the following information to assist you in learning about the fellowship experience, our philosophies, and our team. That said, this manual is in no way exhaustive or meant to discourage you from asking any questions about our program. Please let any of us know of any questions you may have.

Fellowship Structure

The program offers two fellowship spots of one-year duration. Eligible fellows must successfully graduate from a residency program in orthopaedics. Fellows are credentialed at Massachusetts General Hospital (MGH), the flagship teaching hospital of Harvard Medical School, as well as Newton-Wellesley Hospital (NWH), a 300-bed community hospital in a Boston suburb. The current fellowship is divided into two six-month blocks based on a mentorship model, designed to foster a lifelong network of support and friendship. You will spend six full months with Dr. DiGiovanni, as well as an additional six months with Dr. Guss and Dr. Waryasz.

Fellows are credentialed at all hospitals and clinical sites as full attending physicians, with the goal of progressively nurturing a high degree of independence in both the operating room and clinical settings. Through an apprenticeship model with graduated autonomy, fellows are comfortable running their own foot and ankle clinic and are technically capable of independently operating on a spectrum of complex foot and ankle pathology by the end of their fellowship year. The opportunity to operate independently with immediate attending back up readily available, as a supplement to the expansive amount of time spent operating alongside an attending, is something past fellows have relished.

Fellows also run a longitudinal, personal clinic that mirrors clinics run by the attending staff, often physically alongside an attending clinic. Fellows see their own patients 1.5 to 2 clinic days

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a week in order to foster independent decision-making in clinic, management strategies, and ownership of care. As always, attending staff members are always readily available to answer questions and facilitate the care of patients.

Faculty

During the year you will work closely with team members across the service, including orthopaedic foot & ankle surgeons, physician assistants and podiatrists. These include:

[Foot and Ankle Service](#)

Christopher DiGiovanni, MD, FAOA

Associate Professor, Harvard Medical School

Vice Chairman (Academic Affairs)

Chief, Division of Orthopaedic Foot and Ankle Surgery

Massachusetts General Hospital/ Newton Wellesley Hospital

Vice-President, Board of Directors

American Orthopaedic Foot & Ankle Society

Daniel Guss, MD, MBA

Assistant Professor, Harvard Medical School

Director, Harvard-MGH Foot & Ankle Fellowship

Attending Surgeon

Massachusetts General Hospital/ Newton Wellesley Hospital

Gregory Waryasz, MD

Instructor in Orthopaedic Surgery, Harvard Medical School

Attending Surgeon

Massachusetts General Hospital/ MGH North Shore Outpatient Center

Brian Abbott, PA

Massachusetts General Hospital/ Newton Wellesley Hospital

Physician Assistant to Dr. Christopher DiGiovanni

Michael (Drew) Vrolyk, PA

Massachusetts General Hospital/ MGH North Shore Outpatient Center

Physician Assistant to Dr. Gregory Waryasz

[Podiatry Service](#)

Usman Akram, DPM

Massachusetts General Hospital

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Carol Divaio, DPM

Massachusetts General Hospital

Stuart Kigner, DPM

Massachusetts General Hospital

Sarah Rose-Sauld

Massachusetts General Hospital

Norman Wortzman, DPM

Lead Podiatrist

Massachusetts General Hospital

Scott Yates, DPM

Massachusetts General Hospital

Educational Program - Basic Curriculum

General requirements: In accordance with the general teachings defined by the American Orthopaedic Foot & Ankle Society, our Fellowship program emphasizes professionalism, clinical competence and system-based practice.

Professionalism: The fellow is expected to demonstrate respect, compassion, and integrity to faculty, staff, and their patients. He/She is expected to be responsive to the needs of his/her patients and demonstrate commitment to excellence and on-going professional development.

Clinical competence: The fellowship has been designed to develop advanced technical competence in the field of foot and ankle. Focus will be on advanced skills in the operating room, diagnostic competence in the clinic, and will foster analytic research excellence through our robust research program.

The surgical experience: The fellow is scheduled to be in the operating room 2.5-3 days/week with an Attending. The fellow will operate in the Main OR at both MGH and NWH, as well as our Ambulatory Care Centers at MGH, NWH and Northshore Danvers.

The outpatient experience: The fellow is scheduled to be in clinic 1.5-2 days/week, either independently or with a faculty member. The outpatient clinics allow the fellow the chance to follow patients s/he has operated on, to see new patients and devise management plans. The fellow has their "own patients" and are expected to manage all patient needs with input from faculty as necessary. The fellow has administrative assistance to manage these clinics.

Inpatient responsibilities: There are two fellows and one PGY-3 resident on service. The inpatient care is typically divided up by the service member who is on site at MGH for the day. There is a physician extender for floor coverage at both MGH and NWH hospitals.

Call responsibilities: Fellows take non-trauma call with their attending. Fellows will round on inpatient consults and bill when appropriate.

Educational Conferences and Meetings:

Multidisciplinary topic conference: Each Tuesday morning there is a multidisciplinary conference at the Foot & Ankle Center in Waltham. The fellow is expected to attend and participate actively. The current structure is as follows: 1st week – indications conference/case presentations presented by the fellows and Faculty; 2nd week – multidisciplinary lecture; 3rd week - journal club lead by fellows and other disciplines; 4th/5th week – Faculty presentations. There are also several presentations by invited speakers throughout the year.

Indications conference: This weekly conference is held on each Monday or Tuesday. It is designed to review the indications for, and treatment options pertaining to, the surgical cases for the next 2 weeks. It is designed to be a very interactive discussion and is consistently highlighted by the Fellows as one of their best learning opportunities.

Departmental conference: Each Thursday morning there is morbidity/mortality conference or grand rounds at MGH. Fellow attendance is expected. Fellows often present service cases at “M&M” conference and engage in multidisciplinary discussions with other orthopaedic surgery specialties.

Research conference: There are weekly research as a hallmark of the Foot & Ankle Research and Innovation Lab (FARIL), attended by faculty, national and international research fellows, residents, medical students, and other participating members of the FARIL community. These conferences occur Tuesday mornings at MGH – Waltham.

Conferences: We believe strongly that training outside of the hospital is an important part of the fellowship experience. Each fellow is allotted a \$2,000 stipend to spend on educational conferences and/or other educational related expenses.

Salary and Benefits: Salary is commensurate with that of a PGY-6 in our system. The salary for the 2019-2020 academic year is \$80,000. Salaries are adjusted by 2-3% each year. Benefits include many competitive health, dental, and vision coverage options. Each fellow is allotted 3 weeks of vacation time to use for conferences, interviews, family time, etc.

Research

General

The Foot & Ankle Research and Innovation Lab (FARIL) opened January 1, 2019. FARIL is a groundbreaking initiative by the MGH Foot & Ankle service focused on pioneering breakthroughs in foot and ankle research and innovation that will directly impact the care of the foot and ankle patients. Perhaps the most important quality of FARIL is its ability to integrate all aspects of Foot & Ankle care by incorporating every facet of research. From top institutions in the US to internationally recognized academia, FARIL researchers bring their diverse training and experience to create new tests and treatments. FARIL also brings together organizations (MGH research institute, AOFAS) and industry leaders to implement new technology used to treat foot and ankle injuries. With patient care at its center, FARIL brings every component of foot and ankle research to one cutting-edge location.

Fellows are expected to complete two research projects throughout the academic year. By the end of the fellowship, you are expected to have a manuscript prepared for presentation at the AOFAS meeting with the ultimate goal of publication.

We realize you are clinically busy. We have several international research fellows, research students and statisticians to assist you with your research projects.

Partners Healthcare System Research Patient Data Registry (RPDR)

The RPDR gathers clinical data from several hospital systems at Partners Healthcare. (Enterprise Master Patient Index - EMPI, Hospital Decision Support System - EPSI (formerly TSI), Physician Billing System - IDX and EPIC, Longitudinal Medical Record - LMR, Corporate Provider Master - CPM, Clinical Data Repository - CDR, and Partners Personalized Medicine - PPM) and stores the data in one central data warehouse. Researchers can query this data by using an online query tool. The query tool returns aggregate totals of patient data that are populated with appropriately obfuscated, de-identified/encrypted data as per HIPPA privacy rules and the HHS Common Rule. With the proper IRB approval, researchers may access the patient's detailed medical records for their specified cohorts of patients. The detailed medical records are returned to researchers in an encrypted Microsoft Access file and text (.txt) files. Detailed medical records may include the following types of data: Transfusion, Cardiology, Contact Information, Demographics, Diagnoses, Discharge Notes, Endoscopy, Laboratory Tests, PEAR Allergies, LMR Health Maintenance, LMR Medications, LMR Notes, LMR Problems, LMR Vital Signs, Medications, Microbiology, Operative Notes, Pathology Reports, Procedures, Providers,

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Pulmonary, Radiology Reports, Radiology Tests and Transfusion. Furthermore, images from hospital image repositories can be returned and viewed online.

Staff

Bart Lubberts, MD, PhD.

Instructor in Orthopaedic Surgery, Harvard Medical School

Director of Research and Development, Foot & Ankle Research and Innovation Lab

Sarah Yeates

Clinical Research Program Manager

Hospital and Service Information

For more information about our hospitals and service in general, please visit our websites:

<http://www.massgeneral.org/ortho/>

<http://www.massgeneral.org/ortho-foot-ankle/>

<https://www.nwh.org/orthopaedics/orthopaedic-surgery>

Alumni (Clinical)

We maintain great relationships with all our former clinical fellows. Please feel free to contact any of them. Some of our more recent graduates are listed below:

Current Fellows:

Austin Davidson, MD – Ardaavidson@partners.org (University of Tennessee - Campbell Clinic)

Nasser Heyrani, MD – Nheyrani@partners.org (University of California – Davis Medical Center)

Past Fellows at MGH and Brown:

** = Academic position * = Private practice or private academic position

Nicole Arcand, MD*

Fellowship Year: 2008-2009

Norwich Orthopedic Group, CT

Phone: 860-889-7345

Adam Brodsky, MD*

Fellowship Year: 2005-2006

Orthopedic Surgery and Sports Medicine, CT

Phone: 203-32-7331

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Tonya Dixon, MD**

Fellowship Year: 2016-2017

University of Cincinnati Medical Center, OH

Chief, Division of Foot & Ankle Surgery, Department of Orthopaedics

Phone: 513-584-1000

Mark Drakos, MD**

Fellowship Year: 2009-2010

Hospital of Special Surgery, NY

Fellowship Director, Foot & Ankle Service

Team physician for New York Knicks and UFC

Phone: 212-606-1112

Todd Fellars, MD**

Fellowship Year: 2012-2013

Naval Medical Center San Diego, CA

Chief, Division of Foot & Ankle Surgery, Department of Orthopaedics

Phone: 619-5325507

Julie Johnson, MD*

Fellowship Year: 2011-2012

Desert Orthopedic Center, NV

Phone: 760-568-2684

Paul Kerner, MD*

Fellowship Year: 2007-2008

Triangle Ortho, NC

Team physician for USA Men's Lacrosse Team

Phone: 919-846-3938

Shaun Kink, MD*

Fellowship Year: 2016-2017

McLean County Orthopedics, IL

Phone: 217-836-4458

Tony Mechrefe, MD*

Fellowship Year: 2006-2007

Kent Hospital, RI

Phone: 401-738-3777

Timothy Miller, MD*

Fellowship Year: 2013-2014

KSF Orthopedic Center, OH

Phone: 281-440-6960

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Daniel Moon, MD**

Fellowship Year: 2015-2016

University of Colorado Sports Medicine and Performance Center, CO
Foot & Ankle Service, Department of Orthopaedics

Phone: 720-670-7506

Brandon Morris, MD

Fellowship Year: 2018-2019

University of Kansas Medical Center, KS

Phone: 970-420-5855

Damien Richardson, MD

Fellowship Year: 2018-2019

Newport Orthopaedic Institute, CA

Phone: 415-730-8121

Bryan Vopat, MD**

Fellowship Year: 2015-2016

University of Kansas Medical Center
Foot & Ankle Service, Department of Orthopaedics
Team physician for Kansas City Chiefs

Phone: 785-658-5355

Scott Van Valkenburg, MD**

Fellowship Year: 2013-2014

SUNY Upstate Medical University, NY
Foot & Ankle Service, Department of Orthopaedics

Phone: 315-464-4472

Philip Walton, MD*

Fellowship Year: 2014-2015

Resurgens Orthopedics, GA

Phone: 770-962-4300

Gregory Waryasz, MD*

Fellowship Year: 2017-2018

Massachusetts General Hospital, MA
Foot & Ankle Service, Department of Orthopaedics
Team physician for MLS New England Revolution

Phone: 781-487-4338

Jonathon Wolf, MD*

Fellowship Year: 2014-2015

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West Idaho Orthopedics and Sports Medicine, ID
Phone: 208-869-3666

Mark Yakavonis, MD**

Fellowship Year: 2017-2018
Yale New Haven Health, CT
Phone: 203-869-1145

[Past Residents of Dr. DiGiovanni Who Became Foot & Ankle Surgeons](#)

** = Academic position * = Private practice or private academic position

Nicole Arcand, MD*

Residency Graduation Year: 2007 (Brown)
Norwich Orthopedic Group, CT

Jason Bariteau, MD**

Residency Graduation Year: 2012 (Brown)
Emory University Hospital, GA
Foot & Ankle Service, Department of Orthopaedics

Steve Behrens, MD**

Residency Graduation Year: 2011 (Brown)
Hospital for Special Surgery, NY
Foot & Ankle Service, Department of Orthopaedics

Brad Blankenhorn, MD**

Residency Graduation Year: 2010 (Brown)
Brown University, School of Medicine
Chief, Foot & Ankle Service, Department of Orthopaedics

Eric Bluman, MD**

Residency Graduation Year: 2003 (Brown)
Brigham and Women's Hospital, Boston, MA
Foot & Ankle Service, Department of Orthopaedics

Todd Borenstein, MD*

Residency Graduation Year: 2015 (Brown)
Cedars Sinai Hospital, Los Angeles, CA
Foot & Ankle Service, Department of Orthopaedics

Amanda Fantry, MD**

Residency Graduation Year: 2016 (Brown)
Advance Orthopaedics, Hartford, CT

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Tyler Gonzalez, MD, MBA**

Residency Graduation Year: 2017 (MGH)
Wake Orthopaedics, Raleigh, NC

Seth O'Donnell, MD*

Residency Graduation Year: 2017 (Brown)
Care New England, RI

Heather Gotha, MD**

Residency Graduation Year: 2014 (Brown)
Dartmouth – Hitchcock Medical Center, NH
Chief, Foot & Ankle Service, Department of Orthopaedics

Justin Greisberg, MD**

Residency Graduation Year: 2000 (Brown)
New York-Presbyterian Hospital, NY

Ray Hsu, MD**

Residency Graduation Year: 2015 (Brown)
Brown University, School of Medicine, RI
Foot & Ankle Service, Department of Orthopaedics

Michal Kozanek, MD, PhD*

Residency Graduation Year: 2016 (MGH)
Excel Orthopaedic Specialists, MA

Craig Lareau, MD**

Residency Graduation Year: 2013 (Brown)
New England Orthopaedic Surgeons, MA
Foot & Ankle Service, Department of Orthopaedics

Alec Macaulay, MD*

Residency Graduation Year: 2016 (MGH)
Orthopaedic Services of Cayuga Medical Center, NY

Anthony Mechrefe, MD*

Residency Graduation Year: 2005 (Brown)
Ortho Rhode Island, RI

Florian Nickisch, MD**

Residency Graduation Year: 2004 (Brown)
The University of Utah, UT
Foot & Ankle Service, Department of Orthopaedics

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Amar Patel, MD*

Residency Graduation Year: 2007 (Brown)
Rockhill Orthopaedic Specialists, MO

Steve Tocci, MD*

Residency Graduation Year: 2007 (Brown)
Community Orthopaedic Medical Group, CA

Josh Vaughn, MD*

Residency Graduation Year: 2016 (Brown)
Down East Orthopaedics, ME

Bryan Vopat, MD**

Residency Graduation Year: 2013 (Brown)
University of Kansas Medical Center, KS
Foot & Ankle Service, Department of Orthopaedics
Team physician, Kansas City Chiefs

Greg Waryasz, MD**

Residency Graduation Year: 2015 (Brown)
Massachusetts General Hospital, MA
Foot & Ankle Service, Department of Orthopaedics
Team physician for MLS New England Revolution

Alan Zonno, MD*

Residency Graduation Year: 2009 (Brown)
Rockhill Orthopaedic Specialists, MO

Alumni (Research)

We have a fast-growing number of past and present research students and Harvard Research Fellows from across our country and beyond, who have worked in our Foot & Ankle Research and Innovation Lab. Below is the list of Research Fellows and students since 2015:

Current Research Fellows (> 6 months)

Soheil Ashkani, MD	Iran
Rohan Bhimani	USA
Phongpanot Sornsakrin, MD	Thailand
Dr. Jirawat Saengsin, MD	Thailand
Dr. Go Sato, MD	Japan

Current Research Students (< 6 months)

Christiaan Horsman	Netherlands
Escar Kusema	USA

Past Research Fellows (> 6 months)

Mohamed Abdelaziz, MD	Egypt
Matteo Buda, MD	Italy
Song Ho Chang, MD	Japan
Hong Joon Choi, MD	Korea
Dr. Noortje Hagemeijer, MD	Netherlands
Peter Kvarda, MD	Hungary
Dr. Ying Liu, MD	China
Bart Lubberts, MD	Netherlands
Jafet Massri, MD	Chile
Li Yu, MD	China
Ms. Elaheh Ziaei Ziabari, PhD	Iran

Past Research Students (< 6 months)

Sophia Anderson	USA
Camden Bohn	USA
Shiame Bouharba	France
Sofie Breuking	Netherlands
Jack Casey	USA
Mary Kate Coogan	USA
Matthew D'Antuono	USA
Jan de Bruijn	Netherlands
Pim Van Dijk	Netherlands
Ariella Goldberg	USA
Noah Hawks-Ladd	USA
Reinout Heijboer	Netherlands
Dan Lemmers	Netherlands
Thomas Mobley	USA
Robert Prince	Netherlands
Lodewijk Res	Netherlands
Quinten Rikken	Netherlands
Kelsy Romatoski	USA
Shivish Shah	USA
Junho Song	USA
Xaverius Stavenuiter	Netherlands

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Jack Tesoriero	USA
Charlotte Wahle	USA
Kathryn Whitelaw	USA
Nicola Young	USA

For More Information:

You are welcome and encouraged to contact Marta Hyatt, Tricia Laliberte, or Dr. Daniel Guss with any questions. Their contact information can be found below. Please note, in compliance with the SF match code of conduct, all answers to questions need to be done in a public format; therefore, the answers to any questions will be sent to all fellows who interviewed.

Contact Information

Fellowship Director:

Daniel Guss, M.D., M.B.A.
Assistant Professor, Harvard Medical School
Department of Orthopaedic Surgery
Division of Foot & Ankle Surgery
Massachusetts General Hospital & Newton Wellesley Hospital
Email: Dg910@mgh.harvard.edu
Phone: 1-617-643-5701

Fellowship Coordinators:

Marta Hyatt
Massachusetts General Hospital
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Yawkey Building, Suite 3F
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