



**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.

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.

## Fellowship Structure

The program offers three fellowship positions of one-year duration. Eligible fellows must have successfully graduated from an orthopaedic residency program. 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 nearby suburb.

The current fellowship is divided into two six-month blocks based on a mentorship model designed to foster lifelong friendships. You will spend six full months with **Drs. Christopher DiGiovanni, Greg Waryasz, and Lorena Bejarano-Pineda**, as well as an additional six months with **Drs. John Kwon, Daniel Guss and Philip Kaiser**. This structure allows exposure to all staff while preserving a one-on-one relationship. Flexibility exists and fellows are enabled to adapt their schedule to attend unique cases or learning opportunities. Furthermore, exposure to all faculty year around is achieved through various didactic sessions, conferences, journal clubs, labs and other academic teaching sessions.

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 clinic 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 clinic that parallels clinics run by the attending staff. Fellows see their own patients 1 clinic day a week in order to foster independent decision-making, management strategies, and ownership of care. As always, attending staff 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**

Professor, Harvard Medical School  
Vice Chairman (Academic Affairs)  
Chief, Division of Orthopaedic Foot and Ankle Surgery  
Massachusetts General Hospital | Newton-Wellesley Hospital  
President, Board of Directors, American Orthopaedic Foot & Ankle Society

#### **John Y. Kwon, MD**

Associate Chief, Division of Orthopaedic Foot and Ankle Surgery  
Associate Professor, Harvard Medical School  
Attending Surgeon  
Massachusetts General Hospital | Mass General/North Shore Outpatient Center

#### **Daniel Guss, MD, MBA**

Assistant Professor, Harvard Medical School  
Director, Harvard-MGH Foot & Ankle Fellowship  
Attending Surgeon  
Massachusetts General Hospital | Newton-Wellesley Hospital

#### **Lorena Bejarano-Pineda, MD**

Instructor in Orthopaedic Surgery, Harvard Medical School  
Attending Surgeon  
Massachusetts General Hospital | Mass General/North Shore Outpatient Center

#### **Philip Kaiser, MD**

Instructor in Orthopaedic Surgery, Harvard Medical School  
Attending Surgeon  
Massachusetts General Hospital | Mass General/North Shore Outpatient Center

#### **Gregory Waryasz, MD**

Instructor in Orthopaedic Surgery, Harvard Medical School  
Attending Surgeon  
Massachusetts General Hospital | Mass General/North Shore Outpatient Center

#### **Soheil Ashkani Esfahani, MD**

Chief Scientific Officer, Foot & Ankle Research and Innovation Laboratory (FARIL)  
Massachusetts General Hospital

Harvard-MGH Orthopaedic Foot and Ankle Fellowship

**Brian Abbott, PA**

Massachusetts General Hospital | Newton-Wellesley Hospital  
Physician Assistant to Dr. Christopher DiGiovanni

**Patrick Maguire, PA**

Massachusetts General Hospital | Newton-Wellesley Hospital  
Physician Assistant to Dr. John Kwon

**Michael (Drew) Vrolyk, PA**

Massachusetts General Hospital | Mass General/North Shore Outpatient Center  
Physician Assistant to Dr. Gregory Waryasz

[Podiatry Service](#)

**Gurneet Khangura, DPM**

Massachusetts General Hospital

**Adam Landsman, DPM, PhD**

Massachusetts General Hospital

**Stuart Kigner, DPM**

Massachusetts General Hospital

**Sarah Rose-Sauld, DPM**

Massachusetts General Hospital

**Norman Wortzman, DPM**

Lead Podiatrist

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 their patients, fellow faculty, and staff. S/he is expected to be responsive to the needs of her/his 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.

**Surgical experience:** The fellow is scheduled in the operating room 3-4 days/week with an attending faculty member. 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.

**Outpatient experience:** The fellow is scheduled in clinic 1-2 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 and with assistance from our administrative staff and physician extenders.

**Inpatient responsibilities:** There are three fellows and one PGY-3 Harvard orthopaedic 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 who assist with daily management.

**Call responsibilities:** Fellows may assist faculty who participate in call at various institutions based on clinical necessity and educational opportunity. There are no primary call responsibilities. 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 be an active participant. The current structure is as follows: 1<sup>st</sup> week – indications conference/case presentations presented by the fellows and Faculty; 2<sup>nd</sup> week – multidisciplinary lecture; 3<sup>rd</sup> week - journal club lead by fellows and other disciplines; 4<sup>th</sup>/5<sup>th</sup> week – Faculty presentations. There are also several presentations by invited speakers throughout the year as well as periodic resident presentations.

**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 meetings attended by members of the Foot & Ankle Research and Innovation Lab (FARIL), clinical 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. Participation in local and national conferences is strongly encouraged.

**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 and other independent endeavors.

## Research

### General

The Foot & Ankle Research and Innovation Lab (FARIL) opened January 1, 2019. FARIL is a groundbreaking initiative by the Mass General 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 various organizations (MGH research institute, AOFAS) and industry leaders to implement new technology used to treat foot and ankle injuries. With patient care at its guiding focus, 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 two manuscripts prepared for presentation at the AOFAS meeting with the ultimate goal of publication. Multiple support staff are available to assist with initiation and completion of projects, including several international research fellows, research students, residents and statisticians.

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

### Staff

#### **Soheil Ashkani Esfahani, MD**

Chief Scientific Officer, Foot & Ankle Research and Innovation Laboratory (FARIL)

#### **Sarah Yeates**

Clinical Research Program Manager

## Hospital and Service Information

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

[www.massgeneral.org/orthopaedics](http://www.massgeneral.org/orthopaedics)

[www.massgeneral.org/orthopaedics/foot-ankle](http://www.massgeneral.org/orthopaedics/foot-ankle)

[www.nwh.org/orthopaedics/orthopaedic-surgery](http://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:

Arianna Gianakos – [Agianakos@partners.org](mailto:Agianakos@partners.org) (Robert Wood Johnson Barnabas Health)

Fernando Raduan – [Fraduan@partners.org](mailto:Fraduan@partners.org) (UNIFESP, Brazil)

### 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

#### **Lorena Bejarano-Pineda\***

Fellowship Year: 2020-2021  
Massachusetts General Hospital  
Phone: 617-724-9338

#### **Adam Brodsky, MD\***

Fellowship Year: 2005-2006  
Orthopedic Surgery & Sports Medicine, CT  
Phone: 203-32-7331

#### **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

#### **Austin Davidson, MD\*\***

Fellowship Year: 2019-2020  
Knoxville Orthopaedic Clinic  
Phone: 865-558-4400

#### **Mark Drakos, MD\*\***

Fellowship Year: 2009-2010  
Hospital of Special Surgery, NY  
Fellowship Director, Foot & Ankle Service  
Team physician for New York Knicks & 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

#### **Nasser Heyrani, MD\*\***

Fellowship Year: 2019-2020  
Corona-Temecula Orthopaedic Associates  
(951)735-6060



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**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  
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

**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: 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: MLS New England  
Revolution  
Phone: 781-487-4338

**Jonathon Wolf, MD\***

Fellowship Year: 2014-2015  
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 & 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

### **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

Harvard-MGH Orthopaedic Foot and Ankle Fellowship

**Florian Nickisch, MD\*\***

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

**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: MLS New England  
Revolution

**Alan Zonno, MD\***

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

## Alumni (Research)

We have a 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	Ying Liu, MD	China
Matteo Buda, MD	Italy	Bart Lubberts, MD	Netherlands
Song Ho Chang, MD	Japan	Jafet Massri, MD	Chile
Hong Joon Choi, MD	Korea	Li Yu, MD	China
Noortje Hagemeijer, MD	Netherlands	Elaheh Ziaei Ziabari, PhD	Iran
Peter Kvarda, MD	Hungary		

### Past Research Students (< 6 months)

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

## For More Information

You are welcome and encouraged to contact Marta Hyatt, Tricia Laliberte or 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](mailto:Dg910@mgh.harvard.edu)  
Phone: 1-617-643-5701

### Fellowship Coordinators:

Mrs. Marta Hyatt  
Massachusetts General Hospital  
55 Fruit Street  
Yawkey Building, Suite 3F  
Boston, MA 02114  
Email: [MNhyatt@partners.org](mailto:MNhyatt@partners.org)  
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Mrs. Tricia Laliberte  
Massachusetts General Hospital – Waltham  
40 Second Avenue  
Building 52, Suite 1150  
Waltham, MA 02451  
Email: [PLaliberte@Partners.org](mailto:PLaliberte@Partners.org)  
Phone: 781-487-4336