

Gregory Ian Mines

EMPLOYMENT EXPERIENCE

All Florida Orthopaedic Associates	St Petersburg, Florida
Primary Care Sports Medicine	Aug 2022-present
Prisma Health Steadman Hawkins Clinic of the Carolinas	Greenville, South Carolina
Primary Care Sports Medicine Fellow	July 2021-June 2022
Bayfront Health Family Medicine Residency	St Petersburg, Florida
Chief Resident 2020-2021	July 2018-June 2021

EDUCATION

University of South Florida Morsani College of Medicine	Tampa, FL
Doctor of Medicine	May 2018
Tufts University School of Medicine	Boston, MA
Masters of Biomedical Sciences	February 2014
Thesis Topic: Receptor-ligand interactions in the malaria invasion process	
University of Miami	Coral Gables, FL
Bachelor of Science in Biology	May 2012
Minors: Chemistry, Psychology	

Professional Experiences/Membership

Tampa Bay Rowdies Team Physician	2023-present
USA Karate Team Physician	2021-2022
Greenville Drive High A Professional Baseball Team Physician	2021-
2022	
Converse College Team Physician	2021-2022
North Greenville University Team Physician	2021-2022
Travelers Rest High School Team Physician	2021-2022
Governor's School for the Arts Physician	2021-2022
Lakewood High School Team Physician	2018-
present	
University of South Florida Training Room	2017, 2018
AMSSM National Conference Attendee	2019-2023
AAFP Member	2017-2023
FAFP Member	2017-2023
AMSSM Member	2018-present
ACSM Member	2022-present

Professional Honors and Leadership

Poster Presentation - <i>My Flipping Elbow, Persistent Pain in an Adolescent Gymnast</i>	April 2019
AMSSM National Conference. Houston, Texas	
Poster Presentation – <i>Trampolines, A Tendency for Injury</i>	April 2020
AMSSM National Virtual Conference	
5 Minute Consult Author – <i>Concussion, Autism Spectrum Disorders</i>	2021, 2020

Licensure/Certification

Florida Medical License, Active
DEA License, Active
ACLS/BCLS/PALS/ALSO, Active
South Carolina Medical License, Inactive

RESEARCH EXPERIENCE

Tufts University School of Medicine

Boston, MA

Student Research Assistant in the Chishti Lab

May 2013 – May 2014

- Investigating the role and interactions of the Rhoptry Protein Complex within *Plasmodium falciparum* during the malarial invasion process and exploring the inhibition of the interaction and invasion of the Rhoptry Protein Complex in furtherance of a global malaria vaccine
- Using phage display library screens to select for segments of the Babesia genome responsible for coding proteins involved in the erythrocyte invasion process

Publication: Baldwin, Michael, Innocent Yamodo, Ravi Ranjan, Xuerong Li, Gregory Mines, Marina Marinkovic, Toshihiko Hanada, Steven S. Oh, and Athar H. Chishti. "Human Erythrocyte Band 3 Functions as a Receptor for the Sialic Acid-independent Invasion of Plasmodium Falciparum. Role of the RhopH3–MSP1 Complex." *Biochimica Et Biophysica Acta (BBA) - Molecular Cell Research* 1843.12 (2014): 2855-870. Web.

University of Miami Department of Biology

Coral Gables, FL

Student Research Assistant in the Browne Lab

August 2010-May 2011

- Generated a gene network map for brain and eye development in *Parhyale hawaiiensis* (an amphipod crustacean) through gene network analysis of the closest known animal models

Marine Science Institute at UCSB

Santa Barbara, California

Student Research Assistant in the Warner Lab

June-July 2006

- Investigated the effects of maternal nutrition and environmental conditions on the anatomic development of the larvae in the *Stegastes partitus* (the bicolor damselfish) through microscopic imaging and over 5,000 microscopic quantitative morphometric measurements
- Presented original research in a symposium, later published by Dr. Jameal F. Samhouri

GRADUATE HONORS & AWARDS

USF Morsani College of Medicine Admissions Committee Voting Member

2017-2018

Chair of the Downtown Advisory Committee at USF Morsani College of Medicine

2016-2018

UNDERGRADUATE HONORS & AWARDS

Singer Scholarship (highest merit-based full academic scholarship)

Marta Weeks Endowed Scholarship

Foote Fellow (exemption from core curriculum requirements)

Selected to interview incoming undergraduate candidates for full merit scholarships, 2009-2012

Selected for University of Miami IMPACT Leadership Retreat in Fort Myers, FL, Fall 2008
