William John Donohue Fraser

**EDUCATION**

University of Colorado Global Emergency Medicine and Public Health Fellowship (July 2023- Present)

* Faculty and Fellow at UCHealth Anschutz
* Training in global health foundations of emergency medicine education, emergency systems development, humanitarian assistance, disaster management, community and public health, travel and ﬁeld medicine, and program management

University of Colorado (July 2023-Present)

* Master of Public Health (MPH)

Prisma Health Emergency Medicine Residency (July 2020 – July 2023)

* American Board of Emergency Medicine (ABEM) Eligible
* Chief Resident (2022-2023)
* Global Health Subspecialty Track

University of Central Florida College of Medicine (August 2016 – May 2020)

* Doctor of Medicine

University of South Florida (August 2014 – May 2015)

* Master of Science, Medical Science

 University of Central Florida (August 2008 – December 2012)

* Bachelor of Science, Biology

**HONORS AND AWARDS**

**Doximity Global Health Travel Scholarship**

**Child Family Health International (CFHI)**

Thomas Hall Scholarship Recipient, one-month, partial scholarship, 2020

**University of Central Florida College of Medicine (UCF COM)**

Honors in Autopsy Presentation, 1st Place, 2017

* Group presentation

UCF COM Institutional Scholarship, four-year, partial tuition scholarship, 2016-2020

**University of South Florida Morsani College of Medicine (USF MCOM)**

Dean’s List 2014-2015

**University of Central Florida (UCF)**

Florida Bright Futures, 2008-2012

Dean’s List, 2008-2012

Police Benevolent Association (PBA) Brian Chappell Memorial Scholarship, 2008-2012

**GRANTS**

 **Prisma Health Grant in Aid – (Prisma Health 2022)**

* $7000 funding grant for quality improvement project based on ultrasound guided nerve blocks in a tertiary care hospital in Blantyre, Malawi

**Chapman Initiative Grant, Jules B. Chapman, M.D. and Annie Lou Chapman Private Foundation (UCF 2019-2024)**

* $100,000 private grant utilized to fund the Chapman Initiative primarily geared towards Chapman Compassionate Care for the Homeless

**EXTRACURRICULAR & COMMUNITY SERVICE ACTIVITIES**

 **Clinical Instructor, Emergency Medicine (AETC), Queens Hospital, Blantyre, Malawi** (03/2023)

* Directed ultrasound-based care in the AETC for emergency medicine residents
* Lead critical care resuscitations
* Developed and lead toxicology simulation cases

 **Course Instructor, PIVOT, Ranomafana, Madagascar** (07/2022)

* Developed advanced, context-specific echo curriculum

Taught point-of-care ultrasound to hospital staff over 2-week course

**Instructor/Outreach Clinic Provider, OneWorld Health, Masindi, Uganda** (03/2022)

* Two-week medical outreach clinic
* Clarius handheld ultrasound teaching at Masindi Kitara Medical Center (MKMC) in Masindi, Uganda

**Chapman Compassionate Care, Orlando, FL, *Co*-*Founder*** (March 2017 – 2020***)***

* Medical student organization focused on ways to improve medical outreach to the medically underserved homeless population
* Developed charter, recruited students, gained IRB approval and organized outreach events geared towards assessing medical needs prior to first outreach event
* Organized collaboration with Orange County Health Department to bring free vaccinations to homeless community of Orlando
* Ongoing project involving physician recruitment, wound care clinic, patient education, and improving clinical education for medical students at UCF

**Miami Community Health Clinic, Miami, FL, *Volunteer* (**December 2018)

* Networked and volunteered with students from the Miller School of Medicine in their community health care clinic

**Homeless Outreach Partnership Effort (H.O.P.E.) Team, Orlando, FL, *Volunteer* (**November 2017 – February 2018)

* Community run service to reach out to people who are experiencing homeless and connect them to social workers and appropriate medical care facilities

**KNIGHTS Clinic, Orlando, FL, *Volunteer*** (October 2017 – Present)

* Student-run free clinic providing health care to low-income patients in the Central Florida community

**Apopka Clinic, Apopka, FL, *Patient Pair*** (October 2017 – Present)

* Patient Pair/translator- Clinic served to deliver care to farmworkers who are underserved or do not have access to an appropriate level of medical care

**Medical Students Providing Across Continents (MedPACt), *Member*** (September 2016 – 2020)

**Salvation Army, Tampa, FL, *G.E.D. Teacher*** (August 2014 – January 2016)

* Volunteer work dedicated to helping adults with a history of substance abuse gain the competency to pass the GED

 **Fundabiem, Quetzaltenango, Guatemala, *Volunteer Teacher*** (June 2014 – July 2014***)***

* Basic English teacher for children with learning disabilities

**Muscular Dystrophy Association, Palm Beach County, FL, *Camp Counselor*** (February 2014 – April 2014***)***

* Camp counselor in charge of assisting a child with muscular dystrophy

**Delta Upsilon International Fraternity, *Vice President/Financial Chair/Member*** (September 2008-December 2012)

* Organized & managed budget of $100,000 for a 150-member organization

**WORK EXPERIENCE**

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**University of Colorado Anschutz (Denver, Colorado)**

**Assistant Professor/Global Health Fellow in Emergency Medicine**

* Clinical faculty/attending physician at university campus and free-standing emergency departments

**McCleod Health (Cheraw, South Carolina)**

***Emergency Medicine Physician*** (October 2022 – June 2023)

* Clinical attending at rural access hospital

**Prisma Health (Columbia, SC)**

***Emergency Medicine Resident*** (July 2020 – June 2023)

* Completion of Emergency Medicine Residency
* Chief Resident (2022-2023)

**USF Health Byrd Alzheimer’s Institute**

***Research Assistant*** (October 2014 – June 2016)

* Managed a team of 10 undergraduate students and their research projects
* Planned and developed personal research projects

**LANGUAGE**

 **Spanish Proficiency Level: B1**

* Cultural/Spanish immersion Quetzaltenango, Guatemala (5/2014-7/2014)
* Infectious Disease/Spanish immersion with International Health Central American Institute (IHCAI) in San Jose, Costa Rica (6/2017-7/2017)
* Cultural/Spanish immersion Medellin, Colombia (1/2019-2/2019)

**PRESENTATIONS AND PUBLICATIONS**

Corriher T, **Fraser W,** et. al. Utilizing Ultrasound-guided Midline Catheters with Residents in the Emergency Department. Poster Presentation. Discover USC. April, 2022. Columbia, South Carolina. *1st place Case Reports/Small Series/Learning Innovation.*

Samson M, **Fraser W**, Lebowitz D (October 06, 2019) Treatments for Primary Immune Thrombocytopenia: A Review. Cureus 11(10): e5849. doi:10.7759/cureus.5849

O’Sullivan J, Lee J, **Fraser W**, Ladde J. End Tidal Carbon Dioxide Predicts Early Mortality after Trauma and is Associated with Injury Severity. Poster Presentation. Society for Academic Emergency Medicine (SAEM). May 15, 2019. Las Vegas, Nevada.

**Fraser W**, Seller S, Friedes C; et.al. Vaccination Rates for the Influenza Virus Among People who are Homeless in Orlando, Florida. Poster Presentation, University of Miami DOCS Community Health Leadership Conference, December 7, 2018. Miami, Florida.

Friedes C, Fraser W, Sellers S; et. al. Needs Assessment Data Informs Development of a New Mobile Student-Run Clinic in Central Florida. University of Miami DOCS Community Health Leadership Conference, December 7, 2018. Miami, Florida.

Sellers S, Fraser W, Friedes C, et. al. Needs Assessment Validates the Importance of Interdisciplinary and Specialist Care in Central Florida Homeless Population. Poster Presentation, University of Miami DOCS Community Health Leadership Conference, December 7, 2018. Miami, Florida.

**Fraser W**, Friedes C, Rolle C, DeJesus E. Assessment of Efficacy, Tolerability, and Adherence to Truvada and the Change of STI Incidence in a High-Risk Urban Population Utilizing Pre-Exposure Prophylaxis – Poster Presentation, UCF FIRE Conference February 2018. Orlando, Florida.

Friedes C, **Fraser W,** Rolle C, Hinestrosa F. Analysis of Specific Antiviral Therapy on the Reversal of Hepatitis C Induced Liver Fibrosis -a Case Series – Poster Presentation. UCF FIRE Conference, February 2018. Orlando, Florida.

 Kovalenko A, Sandusky L, Watler M, Roehrs D, Shair H, Barakat A, **Fraser W**, et. al. Polyamine Dysregulation in Animal Models of Tauopathy; Impacts on Pathology and Behavioral Performance – Poster Presentation, USF Research Day, February 2017. Tampa, Florida.

Ma C, Hunt J, Sandusky L, Alvarez R, **Fraser W**, et. al. Modulation of GPRC6A Signaling to Mitigate Tauopathies. Poster Presentation, USF Research Day February 2016. Tampa, Florida.

**Fraser W**, Ma C, Lee D. Allosteric Antagonists to GPRC6A Modulate Alpha-Synuclein – Poster Presentation, USF Research Day, February 2016. Tampa, Florida.

Sandusky LA, **Fraser W**. Polyamine Dysregulation and Tau: Independent and Synergistic Impacts on Affective and Cognitive Processing USF Research Day, February 2016. Tampa, Florida.

 Ratnasamy K, Schuetz C, **Fraser W**, et. al. Emerging Role of Hypusination in Modulating Tau Fate – USF Research Day, February 2016. Tampa, Florida

Sandusky L, **Fraser W**, Shair H, et. al. Examining the Role of the Polyamine System in Animal Models of Tauopathy. – Society for Neuroscience, October 2015. Chicago, Illinois.

**PROFESSIONAL MEMBERSHIPS**

 SAEM, 2022 – Present

 Global Emergency Medicine Academy (GEMA)

 Academy of Emergency Ultrasound (AEUS)

 EMRA, 2017 - Present

 ACEP, 2017- Present

American Medical Student Association, 2015 - Present

Florida Medical Association, 2016 - Present

**SKILLS AND INTERESTS**

* Healthcare outreach, clinical medicine in low resource environments, international medicine and research, ultrasound, public health, medical education and development of emergency medicine curriculum, health equity