

**Allyson Hansen, DO, FPD-AEMUS**  
University of South Florida, Morsani College of Medicine, Tampa, Florida

## **ADDRESS**

1 Davis Blvd Suite 503 Tampa, FL 33606

## **EDUCATION**

### **July 2020 - June 2021**

Tampa General Hospital

- *Emergency Medicine Ultrasound Fellowship*

### **July 2017 - June 2020**

Hackensack University Medical Center

- *Emergency Medicine Residency*

### **July 2013- May 2017**

Campbell University School of Osteopathic Medicine

- *Doctor of Osteopathic Medicine*

### **May 2009- August 2011**

University of South Florida

- *Biological/Premedical Sciences Major*

### **September 2006- May 2008**

University of South Florida

- *BA Finance*

### **May 2003-May 2006**

St. Petersburg College

- *AA Business Administration*

## **APPOINTMENTS**

### **2024-Present**

University of South Florida Morsani College of Medicine

Division of Emergency Medicine

- *Assistant Professor*

### **July 2022 - Present**

Tampa General Hospital, University of South Florida Morsani College of Medicine

Assistant Professor

- *Ultrasound Program Director, Emergency Medicine Residency*

- *Advanced Emergency Medicine Fellowship Program Faculty*

- *Emergency Medicine Attending*

## **APPOINTMENTS , Cont.**

- *Busy, urban, level 1 trauma and academic center >100k ED visits/year*
- *Teaching residents and medical students fundamentals of emergency medicine and emergency focused bedside ultrasound to help improve medical knowledge, hands on POCUS skills and fulfill their ACGME POCUS requirements for graduation*

### **August 2021 - 2025**

Tampa General North

Emergency Medicine Staff Physician

- *Busy, high acuity, community EDs, rural setting, limited resources, solo coverage with overnight ICU coverage for critical care procedures*
- *Busy, free-standing ED, solo coverage*

### **July 2021 - 2022**

Tampa General Hospital, University of South Florida Morsani College of Medicine

Collaborative Faculty

- *Teaching students, residents and faculty/staff emergency ultrasound*
- *Participate in related research activities*

### **July 2020 - Present**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

Instructor

- *Teaching health care professionals clinical application of bedside ultrasound*

### **July 2017- July 2020**

Hackensack University Medical Center, Hackensack, NJ.

Emergency Medicine Resident

- *Busy, level 2 community and academic center with high medical acuity, >100k ED visits/year*
- *Worked during the height of initial COVID-19 outbreak in Bergen County, the 14th hardest hit county in the U.S.*
- *SAEM Sonogames 2018, 2019 ultrasound competition team*

## **TEACHING, LECTURES & TRAINING**

### **2025**

#### **July**

- *Intern Ultrasound Bootcamp Instructor, University of South Florida resident hands-on, two day course in bedside ultrasound*

#### **May**

- *"Skin and Soft Tissue Ultrasound" Kahoot lecture, University of South Florida EM Residency Grand Rounds*

## **TEACHING, LECTURES & TRAINING, Cont.**

### **April**

- *Inaugural Tampa Bay POCUS Symposium, host, lecturer: "GUARD: Gastric Ultrasound for Aspiration Risk Determination," Tampa General Hospital*

### **January**

- *"Respiratory/Thoracic Board Review," lecture, University of South Florida EM Residency Grand Rounds*

## **2024**

### **November**

- *Point-of-Care Ultrasound for the Hospitalist, Tampa General Hospitalist Hands-On and Asynchronous didactics education, Tampa General Hospital*

### **September**

- *"2024 USF Sono Showdown!"*
- *Curriculum development and implementation of inaugural residency ultrasound competition, University of South Florida EM Residency Grand Rounds*

### **March**

- *"Knobology and Basic Ultrasound Physics," lecture, RUSH exam, hands-on training, University of South Florida Medical School, MS4 EPA Block Lecture Series*

### **February**

- *"GI Board Review," lecture, University of South Florida EM Residency Grand Rounds*
- *"VExUS," University of South Florida EM Ultrasound Fellowship Didactics*
- *Fascia Iliaca Block: Hands-on scanning on low-fidelity and live models, University of South Florida EM Residency Grand Rounds*

## **2023**

### **November**

- *"Penile Duplex," University of South Florida EM Residency Grand Rounds*
- *DVT Duplex hands-on training, University of South Florida Medical School EM and POCUS Interest Group*

### **July**

- *"POCUS Jeopardy!" University of South Florida EM Residency Grand Rounds*
- *"Billing For Your Ultrasounds" lecture, University of South Florida EM Ultrasound Fellowship Didactics*
- *University of South Florida Emergency Medicine Resident Intern Ultrasound Bootcamp Instructor: Hands-on, lectures and cadaver ultrasound guided procedures over a two day immersive ultrasound course*

### **March**

- *Point of Care Ultrasound Image Review, University of South Florida EM Residency Grand Rounds*
- *Ultrasound Physics, Knobology and the e-FAST exam, University of South Florida Medical School, MS4 EPA Block Lecture Series*

## **TEACHING, LECTURES & TRAINING, Cont.**

### **2022**

#### **September**

- Cardiac output and VTI, University of South Florida EM Residency Grand Rounds

#### **July**

- "Billing For Your Ultrasounds" lecture, University of South Florida EM Ultrasound Fellowship Didactics
- University of South Florida Emergency Medicine Resident Intern Ultrasound Bootcamp Instructor: Hands-on, lectures and cadaver ultrasound guided procedures over a two day immersive ultrasound course

## **TEACHING, SUPERVISORY**

### **Ongoing**

University of South Florida Emergency Medicine Residency, Tampa FL  
Emergency Medicine Ultrasound Director, Fellowship Faculty

- Weekly lectures, film review and hands-on ultrasound teaching in the department for those residents on ultrasound elective
- Attends weekly fellowship didactics, participates in image review, and contributes to hands-on ultrasound teaching

### **2025**

#### **October**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- Hands-on Training for the emergency medicine/CC physician: General POCUS Applications

### **2024**

#### **January**

Gulf Coast Ultrasound Institute, St. Petersburg, FL

- Private Course Teaching: Advanced Critical Care Ultrasound

### **2023**

#### **June**

Gulf Coast Ultrasound Institute, St. Petersburg, FL

- On-site training in Fayetteville VA Hospital in NC to emergency medicine and critical care professionals teaching fundamentals of POCUS during two day immersive course

#### **February**

Gulf Coast Ultrasound Institute, St. Petersburg, FL

- Hands-on Training for the emergency medicine/CC physician: General POCUS Applications
- Residency Lecture Series: Renal POCUS for the EM Physician and Ocular Ultrasound

### **2022**

#### **October**

Gulf Coast Ultrasound Institute, St. Petersburg, FL

- On-site training: POCUS for the family medicine doctor, East Carolina University, Greensboro, NC

## **TEACHING, SUPERVISORY, Cont.**

- *Hands-on Training for the emergency medicine/CC physician: MSK, Soft Tissue, Procedures & GI*

### **September**

Gulf Coast Ultrasound Institute, St. Petersburg, FL

- *Hands-on Training for the emergency medicine/CC physician: Adv EM Applications (fracture, ocular, foreign body, soft tissue/MSK and verification of ET tube placement) Nerve blocks & Echo*
- *Residency Lecture Series: Basic POCUS Evaluation for Suspected Pulmonary Embolism*

### **June**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *Hands-on Training for the emergency medicine/CC physician: General POCUS Applications*

### **April**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *Hands-on Training for the emergency medicine/CC physician: Nerve Blocks*

## **2021**

### **September**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *Hands-on Training for the emergency medicine/CC physician: General POCUS Applications*

### **June**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *Hands-on Training for the emergency medicine/CC physician: General POCUS Applications*

### **April**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *Hands-on Training for the emergency medicine/CC physician: General POCUS Applications*

## **2020**

### **December**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *Hands-on Training for the emergency medicine/CC physician: General POCUS Applications*

## **LECTURES BY INVITATION**

### **2025**

The Ohio State University POCUS Community of Practice

- "VExUS Score: Venous Excess Ultrasound"

Anesthesia Residency Grand Rounds, University of South Florida. Tampa, FL.

- "GUARD Protocol: Gastric Ultrasound for Aspiration Risk Determination"

### **2024**

Advanced Ultrasound Applications: A Virtual Symposium

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- "GUARD Protocol: Gastric Ultrasound for Aspiration Risk Determination"

## LECTURES BY INVITATION, Cont.

### **2023**

Society for Clinical Ultrasound Fellowships National Conference; Portland, ME.

- *"GUARD Protocol: Gastric Ultrasound for Aspiration Risk Determination"*

Gulf Coast Ultrasound Institute, Emergency Medicine and Critical Care Ultrasound Lab, St. Petersburg, FL.

- *"GUARD Protocol: Gastric Ultrasound for Aspiration Risk Determination"*

NAEMSP Annual Meeting, Tampa, FL.

- *"Ultrasound in EMS 101 For Medical Directors: From Idea to Successful Implementation"*

### **2021**

Gulf Coast Ultrasound Institute, St. Petersburg, FL.

- *"Ovarian Hyperstimulation Syndrome, POCUS Findings"*

## SCHOLARLY ACTIVITY

### **2025**

- Abstract: *118 Optimal Chest Compressions May Lie 4 cm Left of the Sternum*  
Martinez, L. D. Mbom, **A. Hansen**, B. Buchel, B. Cao, B. Villa, T. Smith, C. Derr  
*Annals of Emergency Medicine, Volume 86, Issue 3, S50 - S51*
- Publication: *Teran F, Owyang CG, Wray TC, et al; Resuscitative TEE Collaborative Registry (rTEECoRe). Investigators. Development and Implementation of a Multicenter Registry for Resuscitation-Focused Transesophageal Echocardiography. Ann Emerg Med. 2024 Oct 15:S0196-0644(24)00448-7. PMID: 39412464.*
- Survey: *Temporal Variability and Factors Influencing Resuscitative TEE Use in Emergency and Critical Care: A rTEECoRe Study*

### **2024-Present**

University of South Florida, Tampa General Hospital

- *Observational Study: CPR-TEACH: Cardiac Position Using Real Time Transthoracic ECHO to Identify the Area of Maximal Compression for Hemodynamic Optimization*
- *USF eIRB approved*
- *Currently enrolling*

### **2023**

University of South Florida In Collaboration with The Center for Resuscitative Science, University of Pennsylvania

- *Poster Presentation: American Heart Association Resuscitation Science Symposium; November 11, 2023; Philadelphia, PA.*
- *Abstract: Circulation (Volume 148, Issue Suppl\_1, Page A273, 11/06/2022) [https://www.ahajournals.org/doi/10.1161/circ.148.suppl\\_1.273](https://www.ahajournals.org/doi/10.1161/circ.148.suppl_1.273)*
- *Poster Presentation: 10th Annual Meeting of the North American Section of the International Academy of Cardiovascular Sciences, "Qualification of transesophageal echocardiography (TEE) Use During out of hospital cardiac arrest at Tampa General Hospital"*

## **SCHOLARLY ACTIVITY, Cont.**

### **2020/21**

University of South Florida, Tampa General Hospital

- Publication: Derr, C., Shteyman, A., Jackson, S.A., Lu, Y., Campbell, T., De Lucia, A., Merritt, R., Lupez, K., Elkes, J., **Hansen, A.**, Jelic, T., DeRespino, A. and Grant, A. (2022), Determination of Endovaginal Ultrasound Proficiency and Learning Curve Among Emergency Medicine Trainees. *J Ultrasound Med*, 41: 1741-1752. <https://doi.org/10.1002/jum.15857> Prospective Study: Transvaginal Ultrasound Confidence and Proficiency Amongst Emergency Medicine Residents
- Presented at 2021 POCUS World Conference
- Hackensack University Medical Center
- Publication: Zakharchenko S, **Hansen A**, Ibikunle A, Devasagayaraj R, Charles P. Intracranial hemorrhage detected through a craniotomy site with point of care ultrasound. *JACEP Open*. 2021; 2:e12419. <https://doi.org/10.1002/emp2.12419>

### **2019**

Hackensack University Medical Center EM Residency Research Day

- Prospective study: Does POCUS of the orbit in two vs. one plane add to diagnostic accuracy?

### **2016**

Campbell University IPE Student Research Symposium

- Case study: Kaposi Sarcoma in an Immunocompetent Patient
- Case study: Focal Neurologic Deficits Map out Location of Brain Tumor

### **2010-2011**

University of South Florida Dept. of Undergraduate Research

Mentor/Primary Investigator: Jeff G. Konin, PhD.

- Parent's Perception of Post-Game Recovery Beverage For Youth Ice Hockey Players
- Presented at 3<sup>rd</sup> Annual Central European Congress of Sports Medicine, PM&R

## **DIGITAL SCHOLARSHIP**

### **2023 - Present**

- Youtube Channel: USF Emergency Ultrasound
- Instagram Content Creator & Collaborator: @usfemergencymed, 1,496 Followers

### **2023**

#### **November**

- Author, University of South Florida Emergency Medicine Blog: The GUARD Protocol Gastric Ultrasound for Aspiration Risk Determination May
- Editor, University of South Florida Emergency Medicine Residency Blog: POCUS for Cricothyrotomy

#### **April**

- Editor, University of South Florida Emergency Medicine Residency Blog: DVT in 1,2,3!

## **DIGITAL SCHOLARSHIP, Cont.**

### **March**

- *Editor, University of South Florida Emergency Medicine Residency Blog: US Guided Subclavian Cannulation*

### **January**

- *Editor, University of South Florida Emergency Medicine Residency Blog: "POCUS for Peritonsillar Abscess"*

### **2021**

### **April**

- *Creator, University of South Florida Emergency Medicine Residency Blog: "VTI for Fluid Resuscitation"*

## **OTHER SCHOLARSHIP**

### **2021**

- *ACEP Residency Education SubCommittee, creator and editor of crowd-sourced FOAMED EM US Qbank*

## **SPECIALITY ACTIVITY**

### **2023-Present**

- Ultrasound Education Subcommittee, American College of Emergency Physicians

### **2023**

- ALiEM: Faculty Incubator Course

## **SERVICE**

### **2020-2021**

- High Level Disinfection Committee, Tampa General Hospital

## **PROFESSIONAL MEMBERSHIPS, LICENSES**

FPD-AEMUS: Advanced Emergency Medicine Ultrasonography Focused Practice

Designation

Florida Medical License

DEA + X-Waiver License

American College of Emergency Physicians

Florida College of Emergency Physicians

Society for Clinical Ultrasound Fellowships

Society for Academic Emergency Medicine

ACLS, ATLS, PALS, BLS