



Welcome!

This year you will be completing your SIUH Resident EMS Rotation! We are excited to have you for both ride-alongs and potential fly-alongs. This document is vital to your success and you are responsible for the entirety of this introductory letter.

Direct any questions to me as soon as possible, preferably before the rotation starts.

1. INTRODUCTION LECTURE

- a. You were all given an Introduction to EMS lecture during your Intern Orientation. The date for this lecture is Tuesday July 24th 2022 at 2:00 pm. *If you need a refresher before your rotation, please see Dr. Barbara prior to your rotation.*
- b. While on the ambulance, you are permitted to perform any of the skills that the EMS providers can perform. Procedures that are out of the scope of EMS care in NYC (i.e. tube thoracostomy, cricothyrotomy, central venous access, etc.) are not to be performed. *Any questions? Ask Dr. Barbara.*
- c. You cannot authorize any additional orders in the field unless you are an attending physician credentialed by the NYC REMAC (Regional EMS Medical Advisory Council). *Inherently, you are not permitted to tell the crews what to do.*
- d. This rotation has unique safety risks vs. other components of your residency curriculum. Important tips:
 - i. Stay with the crew.
 - ii. If the crew has begun to operate in a potentially unsafe scene (i.e. a “warm zone”), stay in the ambulance or with another EMS crew on standby in a safe scene (a “cold zone”). SIUH crews – including you! -- **are not permitted to operate in a “hot zone”** in the NYC 911 System.
 - iii. Wear your seatbelt in a moving vehicle at all times, regardless of providing patient care or not.
 - iv. Adhere to standard precautions while performing patient care.
 - v. Wear appropriate and safe attire given any weather risks.

2. ATTIRE & TURNOUT GEAR

- a. Your attire for the ride-alongs is to be professional at all times, but keep in mind that weather will be a factor. *You are also likely to be in less clean places than you might have expected.* Boots or dark rubber soled shoes (absolutely no sneakers) are recommended if you have them. Your SIUH black soft-shell jacket is acceptable to

wear as outerwear. Try to keep clothing to dark colors if possible. **Jeans, scrubs and sneakers are not accepted and you will be sent home if you are out of dress code. A replacement shift will be provided.**

- b. We have a full set of bunker gear (pants, overcoat, and helmet) for you to wear. There will be calls where you must have it on to be participating in patient care. It is kept in the resident's room in a large black duffel bag emblazoned with "SIUH EM RESIDENCY" on it. You will need to bring the gear with you on all your ride-alongs, including the first day of your rotation. We only have one set so this must be passed from one resident to the next. *Some of blocks have contiguous EMS rotations this year; please be responsible to get the gear back for the oncoming resident.*

3. SCHEDULE & RIDE-ALONGS:

- a. Schedules will be handed out at the Introduction lecture. For additional requests, please contact Dr. Barbara. Missed shifts must be discussed with the Chief Residents and / or Residency Program Directors.
- b. You will have a series of ride-alongs as well as attend conference. There are no overnights in favor of late-afternoon aka Tour 3 or 'swing' shifts.
- c. The majority of ambulance ride-alongs are with SIUH North EMS units. One is located at SIUH Prince's Bay campus.
 - i. North Campus 911 Units: show up at the EMS Trailer on the grounds of the North Site adjacent to Mason Avenue – see attached Maps 1&2.
 - ii. South Campus Interfacility Transfer Unit: show up at the EMS Office at 346 Seguine Avenue – see attached Map 3.
 - iii. You must be at the site 15 minutes before the stated shift start time with your gear. The ambulance will leave without you if you are not there early.
- d. Your role on the ambulance is to assist the crews. **All patient care decisions rest with the crew.** They will welcome your input and thought process but ultimately, they are responsible for patient care.
- e. At the end of each tour you will log your attendance through a Resident Evaluation form. The form is below as a link and QR code:

<https://forms.office.com/r/41Ld8604id>



The crews have been advised of this requirement; if you pull up the evaluation on your device, they will fill it out for you.

4. TEXTBOOKS:

- a. The textbooks for this rotation are located in the resident library, which you may need for your final academic activity. Journals of choice for EMS are Prehospital Emergency Care, Annals of Emergency Medicine, and Journal of Emergency Medicine.
- b. Dr. Barbara can provide .pdf chapters of the recognized EMS Medicine textbook as needed.

5. SKYHEALTH FLY-ALONGS:

- a. Helicopter EMS fly-along days are available through Northwell SkyHealth. Fly-Along dates are set on your individual schedule.
 - i. SkyHealth patient types
 1. High-risk interfacility patients – *crew expertise & reduced interfacility time*
 2. LVAD / ECMO / Balloon pump / Neonatal care – *cumbersome devices not amenable to ground transport*
 3. Time sensitive rescue procedures – *flight is faster than ground*
 - ii. Rotation specifics:
 1. SkyHealth base address: 1965 Smithtown Ave, Ronkonkoma NY 11779 (see Map 4)
 2. Day starts at 0700. **CHECK A MAP SERVICE FOR TRAVEL TIME** as it can be ~90 minutes from SIUH North campus on a weekend.
 - a. The day starts with a huddle regarding the day's events / weather plans.
 - b. Please obtain a safety orientation to the vehicle including your approach and expectations.
 3. Scrubs and/or your SIUH soft shell jacket are acceptable. Closed toe shoes / boots are absolutely needed. No flight suit is required.
 4. In between calls you can hang out in their lounge / kitchen. Bringing food is a good idea.
 - iii. These dates are reserved for you, but the experience is not mandatory and **you must opt-in to perform the Fly-Along**. The opt-in is electronic with URL and QR links below.

<https://forms.office.com/r/zUJUxsCfAG>



- iv. If you opt-in, you are excused from the ride-along shift the day prior to the Fly-Along. If there is a cancellation in your SkyHealth Fly-Along, a backup ground tour will be scheduled for you.

6. ACADEMIC COMPONENT:

- a. Your academic completion will consist of three components:
 - i. Basic Life Support (BLS) Case Follow-Ups
 - ii. Advanced Life Support (ALS) Case Follow-Ups

- b. Case Write-Ups
 - i. You must choose four calls to look up, 2 from your BLS ride-alongs and 2 from an ALS ride-alongs. Try to choose interesting cases and then review the Emergency Department outcomes of these two patients. This means looking up what the results were of the ED & hospital workups in the EDIS and EMR.
 - ii. We will discuss the cases in person or remotely at the conclusion of your rotation.
 - iii. At the minimum, please answer the following questions with your chart review:
 - 1. WHAT WAS THE ED DIAGNOSIS / DISPOSITION?
 - 2. DISCUSS THE EMS CARE THAT OCCURRED.
 - 3. WHAT WAS THE IMPACT OF EMS CARE ON THE EVENTUAL OUTCOME OF THE PATIENT?
 - 4. DISCUSS THE TRANSITION OF PATIENT CARE FROM EMS TO HOSPITAL.
 - iv. Tips:
 - 1. Demonstrate your medical decision-making!
 - 2. Read a recognized EM source (Tintinalli, Rosen) about the diagnosis you are discussing
 - 3. Cite emerging or recognized literature regarding management of the diagnosis
 - 4. Consider the spectrum of healthcare the patient encountered from 911 call to hospital arrival and final disposition.

7. ADDITIONAL EMS EXPERIENCE!

- a. Provisions have been made for an EMS Selective as well as a Wilderness Selective in your senior year.

I absolutely need to hear about any safety issues that arise immediately. If you think you should call me, **CALL ME**. I can be reached by the following:

- Microsoft Teams chat or audio call.
- My cellular phone number is 917 903 7475 and will be on at all times during your rotation.
- My spectralink is 718 226 4157 & desk number is 718 226 5032.
- You can also call the on-call chief resident if you cannot reach me.

Welcome to EMS!

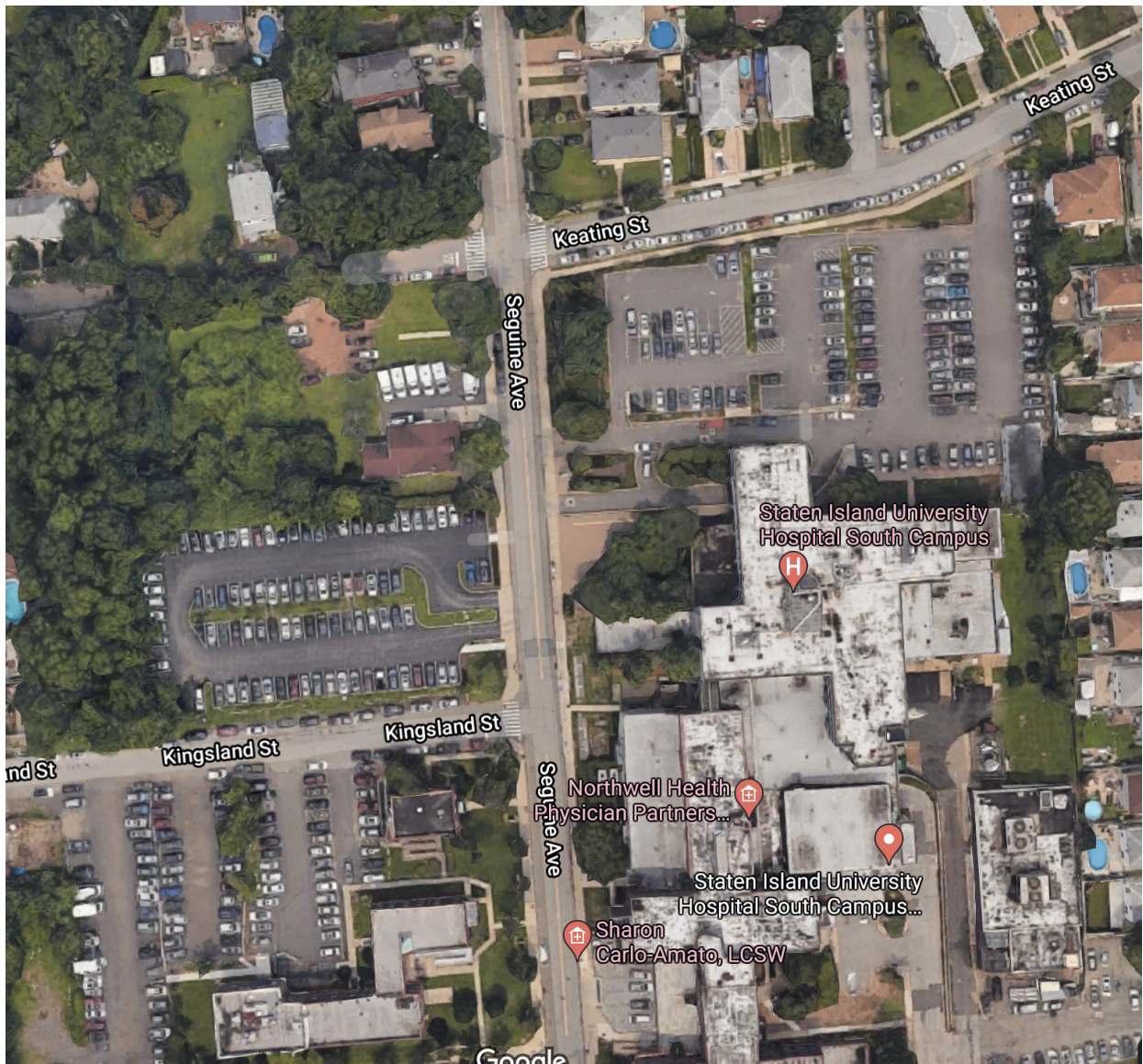
--PJB

Paul Barbara, MD FACEP FAEMS
Associate Medical Director, Northwell Health Center for EMS
Medical Director, Emergency Management & Clinical Preparedness
Director, Emergency Department Division of EMS, Staten Island University Hospital
office: 718.226.5032

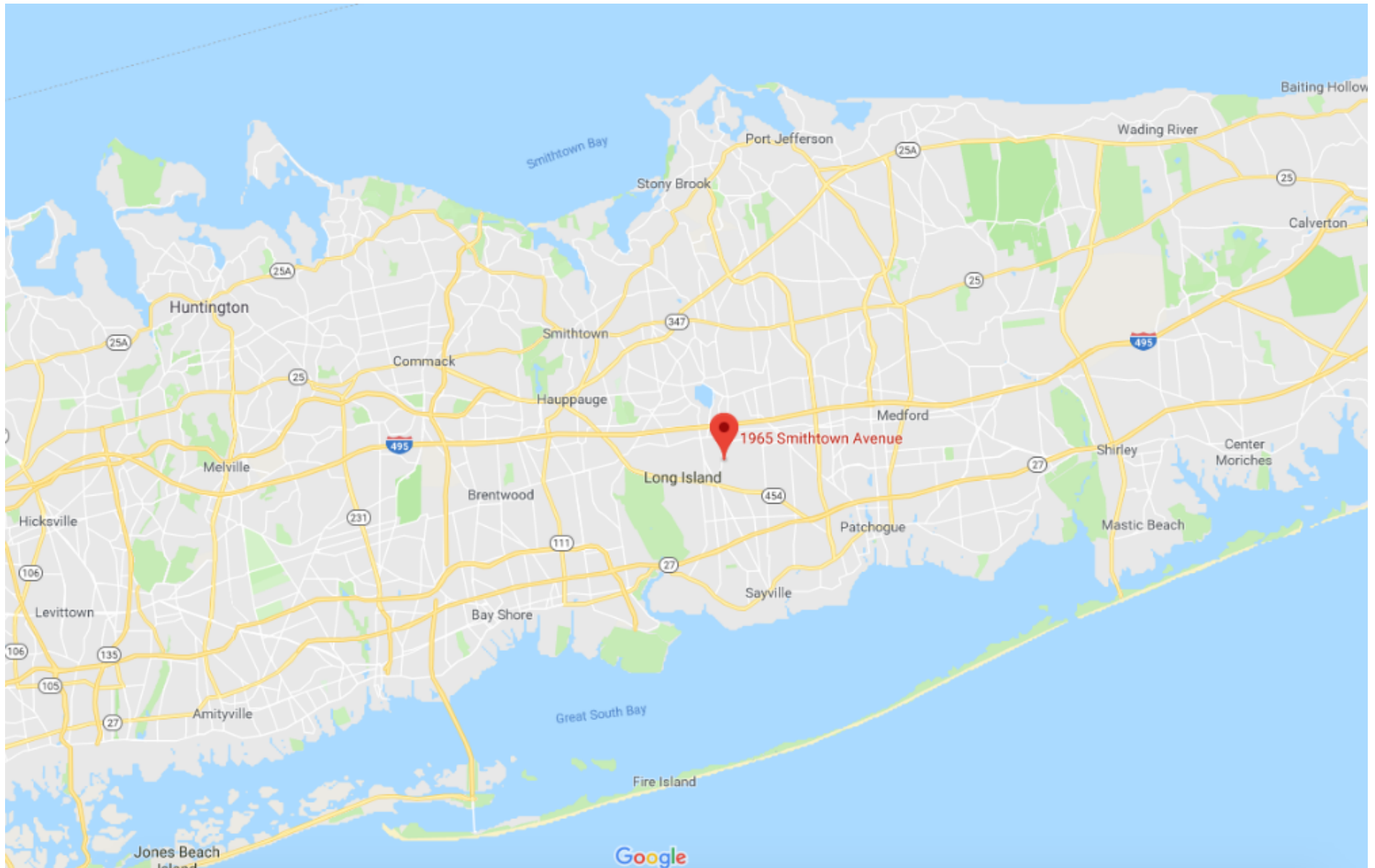


Maps 1&2 - SIUH North EMS Trailer Location





Maps 3 - SIUH South EMS Office



Map 4 – SkyHealth Base