



# Project Haiti

## Volunteer Informational Packet

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## Overview of the Organization

Atria Connect is an organization that aims to improve the way healthcare providers volunteer abroad. Our model comprises of the following three core values:

- (1) **Personalized Point-of-Care Medicine**, using novel low-cost medical technologies from startups, industry, and research labs to address problems specific to each location we're aiming to help,
- (2) **Self-Sustainability**, our ultimate end goal is to teach physicians in developing areas so that they are able to pass down medical knowledge and expertise from one generation to the next, and also to other nearby communities, and
- (3) **Continuity of Care**, sending smaller teams of physicians and accompanying medical students at regular biweekly intervals to maximize our impact in the target communities, as opposed to the traditional “medical mission” model with large groups of experts visiting infrequently.

Put succinctly, other organizations working in the field of global health, such as Doctors without Borders and the Red Cross, traditionally send large groups of doctors over a relatively short period of time. Many focus on providing medical resources from the ground up, providing access to basic medical equipment, supplies, and knowledge in developing areas.

Atria Connect fills the niche of continuing medical service work after the baseline medical resources have been established. Our organization targets established medical clinics and hospitals in developing countries and provides them with advanced, low-cost medical devices specially focused to solve a medical problem particularly pertinent in the area. In order to train the local healthcare providers, Atria Connect sends small groups of doctors of the course of many months to help reinforce medical teaching. The ultimate goal is to adequately train medical professionals abroad so that they are able to use the devices we provide them, and so that they can help the local satellite communities and others in the area receive quality medical care.

This fall, our organization will be starting *Project Haiti*, where together, we will be helping the Alma Mater Hospital in Gonaives, Haiti. The informational packet will detail the specifics for your scheduled volunteering trip.

### Project Haiti Overview

Project Haiti is a 3-month effort coordinated by Atria Connect, working out of the Alma Mater Hospital in Gonaives, Haiti. Atria Connect will be sending down small teams of 4-6 people every trip. There will be a minimum of 2 trips per month and a maximum of 4 trips per month, with the goal of minimizing the number of weeks of separation between each trip. Each team shall consist of 2-3 licensed physicians or other qualified medical experts (as determined by the Atria Connect coordinators) with travel costs partially reimbursed, in addition to 1-3 medical students, undergraduates, or other interested parties/individuals.

During each trip to Gonaives, the team of students and physicians will be either rounding with the Haitian physicians in the Alma Mater Hospital or seeing patients in the clinics and teaching hands-on scanning with appropriate patients. Expert physicians will not be expected to make medical management decisions for the patients (but data from their scans may be helpful in this regard). Each workday shall be approximately 8-10 hours. A Philips Lumify Ultrasound device will be provided to use during the trip, generously donated by Philips Healthcare. In addition to instructing the Haitian physicians, the team of physicians may elect to engage in other activities including:

- Examining patients and educating premedical undergraduate students and/or medical students on some specifics of a particular case
- Lectures for either students or the local physicians (online lectures will be provided, but refresher lectures are encouraged as per the volunteer physician's field of expertise). The availability of projectors, computers, and other electronics is uncertain in the hospital.

Pictures of the local area in Gonaives as well as the Alma Mater Hospital can be found on Atria Connect's website at [www.atriacconnect.org](http://www.atriacconnect.org).

The guest hosts in Haiti, the guide from Port-au-Prince to the Alma Mater Hospital, and all of the volunteers will make every effort to keep everyone as safe as possible and make it a pleasant experience for all involved. That said, Haiti is a developing country which presents a set up somewhat unique risks including but not limited to communicable infections, road accidents, etc.

## **Volunteer Obligations**

### *Licensed Physicians, Sonographers, ECHO Technicians, and Other Qualified Medical Experts*

Atria Connect and Alma Mater Hospital will be providing reliable transportation from Port Au Prince Airport to the hospital and return. Physicians and additional healthcare experts are the team leaders in any team sent to volunteer by Atria Connect. Team leaders are also the primary contacts representing Atria Connect on-ground (i.e. in Haiti) during the duration of the trip. These individuals have the following obligations:

- Teaching physicians in the Alma Mater Hospital on how to use the medical devices and assist in interpreting patient data. The teaching curriculum should be a combination of personal expertise and also the standardized teaching curriculum included in this packet, up to personal discretion.
- Assessment with feedback to local trainees, and documenting their progress on a standardized form. (The undergraduates will also assist with this. The purpose of the assessment of the trainees is to help direct their education and what to concentrate on. The physician group who will be visiting at the end of *Project Haiti* (Team KAPPA 2) will be responsible for a final assessment of the trainees' ability to scan the common physiological systems in point-of-care ultrasound. All documentation must be uploaded to the individual's user account on Atrium.
- Providing an educationally stimulating experience for undergraduates and medical students accompanying on the trip.
- Help obtain ultrasound gel packets from their hospital of affiliation, if possible.
- Represent themselves and Atria Connect in a responsible manner. The Alma Mater Hospital states that physicians do not need to necessarily wear button-down shirts, ties, and other formal wear while volunteering; a scrub top or other appropriately professional yet comfortable attire is recommended (basically no pajamas, shorts or anything revealing or excessively informal). It is very important that we respect the culture of the community we are serving. We recommend that physicians bring their own scrubs or lab coats with them, although the hospital states that they will be able to provide some if necessary.

Should any unclear circumstances arise during the trip, please refer to the section on Contact Information (pg. 9).

### *Medical Students, Undergraduates, Pre-Medical Students, Other Personnel*

These individuals will accompany physicians and other experienced medical personnel on the volunteering trips, and have the following responsibilities:

- Providing assistance to team members (within personal capabilities) to the fullest extent. Individuals will not interfere with the medical responsibilities of other team members, which are the most important priority.
- Documenting progress made by the Haitian physician trainees in terms of a direct assessment of hands-on skills at acquiring and interpreting the scans obtained , as well as a general overview of patient visits. Individual patient visits do not necessarily need to be documented. The documentation process is up to individual discretion, but at the end of the trip, all documentation must be uploaded to the individual's user account on Atrium. The goal is to regularly assess the skills of the physicians we are training.
  - This is not a standardized requirement, but up to the discretion of the attending physician(s) leading the trip.
- Becoming proficient in any medical information or skills necessary to fulfill a useful role during the trip. This includes, but is not limited to, learning basic clinical medicine (learning material will be provided), learning basic ultrasound probe techniques and imaging analysis, and learning how to make ultrasound imaging gel using basic household materials. Students may be asked to assist in donating basic, low-cost household materials (such as cooking ingredients) to assist in ultrasound imaging.
- Act in a responsible manner and treat the trip as a valuable educational experience. Specifically in regards to attire, the Alma Mater Hospital states that individuals do not need to necessarily wear button-down shirts, ties, and other formal wear while volunteering; a medical shirt or other appropriately professional yet comfortable attire is recommended (basically no pajamas or anything excessively informal). Dependent on the situation, the hospital states that they will be able to provide lab coats if necessary. Scrubs will also be made available at the hospital in Haiti.

## Waiver

Please electronically return the waiver form on the following page to [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org). You must return the signed waiver in order to participate on the volunteer trip with Atria Connect. Please contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org) (E) or (408)761-8752 (M) if you have any questions or concerns.

**GROUP TRAVEL AND ACCIDENT WAIVER AND RELEASE OF LIABILITY FORM**

I HEREBY ASSUME ALL OF THE RISKS OF PARTICIPATING IN ANY/ALL ACTIVITIES ASSOCIATED WITH THIS EVENT, including by way of example and not limitation, any risks that may arise from negligence or carelessness on the part of the persons or entities being released, from dangerous or defective equipment or property owned, maintained, or controlled by them, or because of their possible liability without fault.

I certify that I am physically fit, have sufficiently prepared or trained for participation in this activity, and have not been advised to not participate by a qualified medical professional. I certify that there are no health-related reasons or problems which preclude my participation in this activity.

I acknowledge that this Accident Waiver and Release of Liability Form will be used by the event holders, sponsors, and organizers of the activity in which I may participate, and that it will govern my actions and responsibilities at said activity.

In consideration of my application and permitting me to participate in this activity, I hereby take action for myself, my executors, administrators, heirs, next of kin, successors, and assigns as follows:

- (A) I WAIVE, RELEASE, AND DISCHARGE from any and all liability, including but not limited to, liability arising from the negligence or fault of the entities or persons released, for my death, disability, personal injury, property damage, property theft, or actions of any kind which may hereafter occur to me including my traveling to and from this activity, THE FOLLOWING ENTITIES OR PERSONS: Atria Connect and/or their directors, officers, employees, volunteers, representatives, and agents, and the activity holders, sponsors, and volunteers;
- (B) INDEMNIFY, HOLD HARMLESS, AND PROMISE NOT TO SUE the entities or persons mentioned in this paragraph from any and all liabilities or claims made as a result of participation in this activity, whether caused by the negligence of release or otherwise.

I acknowledge that Atria Connect and their directors, officers, volunteers, representatives, and agents are NOT responsible for the errors, omissions, acts, or failures to act of any party or entity conducting a specific activity on their behalf.

I acknowledge that this activity may involve a test of a person's physical and mental limits and carries with it the potential for death, serious injury, and property loss. The risks include, but are not limited to, those caused by terrain, facilities, temperature, weather, condition of participants, equipment, vehicular traffic, lack of hydration, and actions of other people including, but not limited to, participants, volunteers, monitors, and/or producers of the activity. These risks are not only inherent to participants, but are also present for volunteers.

I hereby consent to receive medical treatment which may be deemed advisable in the event of injury, accident, and/or illness during this activity.

I understand while participating in this activity, I may be photographed. I agree to allow my photo, video, or film likeness to be used for any legitimate purpose by the activity holders, producers, sponsors, organizers, and assigns. The Accident Waiver and Release of Liability Form shall be construed broadly to provide a release and waiver to the maximum extent permissible under applicable law.

I CERTIFY THAT I HAVE READ THIS DOCUMENT AND I FULLY UNDERSTAND ITS CONTENT. I AM AWARE THAT THIS IS A RELEASE OF LIABILITY AND A CONTRACT. I SIGN IT OF MY OWN FREE WILL.

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Participant's Signature	Date	Participant's Name (Print)	Age

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Parent/Guardian Signature (If participant is under 18 years old, Parent or Guardian must also sign.) Date

**Important Disclosures**

Please read the following information carefully. Because Atria Connect volunteers will be working in a developing country, there are a few details regarding Haiti that all volunteers should know before their scheduled trip:

- The United States Government has ranked Haiti Travel Advisory as Level 3, meaning that the government has suggested personnel to reconsider travel to Haiti. More information can be found here: [travel.state.gov/content/travel/en/traveladvisories/traveladvisories/haiti-travel-advisory.html](https://travel.state.gov/content/travel/en/traveladvisories/traveladvisories/haiti-travel-advisory.html)
- American embassy employees are under a curfew from 1:00 a.m. to 5:00 a.m. Curfew for volunteers on the Haiti trip will be 10:00 p.m. to 6:30 a.m.
- The quality of living may be lower than expected and could come a shock to some individuals. Food and lodging will be modest; Atria Connect will attempt to make accommodations as comfortable as possible. If you have specific questions or concerns about on-ground logistics, please feel free to let any Atria Connect coordinator know, or contact the organization at [info@atriacconnect.org](mailto:info@atriacconnect.org).
- Private transportation to and from the airport in Port-au-Prince to Gonaives will be provided.
- Atria Connect and its associated directors, officers, volunteers, representatives, and agents are not liable for any medical issues or associated costs. The trip coordinators will work to minimize the risk for such accidents, although no guarantees can be made.
- Ayiti Air Anbilans is an unaffiliated, independent nonprofit based in Haiti that provides emergency helicopter air lift to take individuals to the major hospitals in Port-au-Prince or to emergency medical providers in the United States should it be required. Based on prior volunteer experiences in Haiti, it is unlikely that volunteers will require the use of this service, although it is available if needed. For more information about the Haitian Air Ambulance, please see [www.haitiairambulance.org/faqs/](http://www.haitiairambulance.org/faqs/).

### **Recommended Travel Insurance**

Atria Connect recommends its volunteers to purchase travel insurance for the duration of their trip. Insurance costs are *not* covered by Atria Connect, and are up to the discretion of each individual volunteer. Travel insurance for volunteers are recommended, but is by no means required in order to participate on a volunteering trip. For more information or recommendations on travel insurance plans, please contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org).

### **Travel Information and Information about the Alma Mater Hospital**

Please read the following information carefully. For each trip, all attendees are asked to fly in at approximately the same time to MIA (Miami International Airport) (unless otherwise notified). From there, we ask that all of the personnel for a single trip take the same flight to PAP (Port-au-Prince International Airport, Toussaint Louverture International Airport) so that on ground transportation can be coordinated in a seamless manner. Please see the listed flight information below. This ensures that if one flight is delayed, the volunteering team is not separated. *If you cannot make the listed flight from MIA to PAP, we **cannot** guarantee that we will be able to provide ground transportation from the airport to the hospital for you.* Please plan flights early and contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org) if you have any questions.

After all volunteer personnel arrive in PAP, Atria Connect has arranged for a private SUV vehicle to provide us transportation from Port-au-Prince to the Alma Mater Hospital and nearby lodging accommodations. The United States Government has recommended travelers to avoid wandering off or spending too much time lingering at the airport, so waiting time between flight and on-ground transportation will be minimized appropriately. The SUV ride is estimated to take approximately four hours.

Haiti is in the same time zone as the east coast of the United States, and as of 2017, practices daylight savings similarly as most of the United States. From September to 4 November 2018, Haiti will be in the EDT (UTC--4:00) time zone, and then afterwards will shift back to the EST (UTC--5:00) time zone on 4 November 2018. Please plan flight travel accordingly.

The lodging accommodations for the volunteers will be the guest house that is approximately a block away from the Alma Mater Hospital (estimated 5-minute walk). Volunteers will be able to each receive their own bed in the guest house, although not necessarily in separate rooms of the house. The guest house comes with complimentary Wi-Fi/internet connection and three meals a day. However, it should be noted that the guest house does *not* have air conditioning. Volunteers can expect to walk to and from the hospital on a daily basis. Curfew for volunteers on the Haiti trip will be 10:00 p.m. to 6:30 a.m. In general, the work-day for Haitian physicians at the Alma Mater Hospital runs from 8:00a to 4:00p, without much deviation; the Alma Mater Hospital director remarks that the hospital does not start getting busy until around 8:30a to 9:00a in the morning. Food and water will be provided on behalf of the guest house - please contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org) if you have any dietary restrictions or life-threatening allergies. In general, the dietary service provided at the guest house can accommodate vegetarian dietary restrictions and, to an extent, gluten-free restrictions.

Transportation back to the Port-au-Prince International Airport will be provided in a similar manner as that to the Alma Mater Hospital at the beginning of the trip. We recommend volunteer personnel to take the same return flight to Miami, although individuals are free to choose to arrange their own flight details at their personal discretion. If you will be taking a flight that is different from the flight listed below for the return flight, please contact your trip lead(s) (primary medical team members) and Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org) so that the trip coordinators and trip leaders are made aware of individual flight plans.

The Alma Mater Hospital has a total of 70 bedspaces in its facility. Some of the residents and new medical staff speak English, although not all of the staff members at the hospital speak English. French and Creole are the languages of choice. The Alma Mater Hospital will provide a medical translator to made available for volunteers. There are a total of 10 doctors and 2 residents on staff in the hospital with varying degrees of medical knowledge and expertise.

In regards to medical devices and facilities, the hospital has a surgical unit that is not completely functional - the facility is currently undergoing construction and remodeling so some of the outpatient services have been moved to inpatient areas, and the surgical center has been recently used as a consultation area. There is an operating room available that is most often used for minor procedures, such as paracentesis, Caesarean sections, etc. There is no surgeon on staff at the hospital, but there is a family practice doctor, a gynecologist, and a nurse anaesthetist. Surgical supplies can be expected but are limited in scope.

If you have any questions related to travel or the hospital setting, please contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org). Please find the hour-by-hour travel itinerary on pages 6 through 11 of the promotional packet for Project Haiti.

*Flight Information/Travel Teams*

**Team ALPHA 1**

**Outbound Flight:**

Tuesday, September 11, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Monday, September 17, 2018  
American Airlines Flight 903  
(PAP to MIA, 1:55p to 4:08p)

**Trip Lead(s):**

Gordon Johnson, M.D. [johnsongordy@yahoo.com](mailto:johnsongordy@yahoo.com)  
Karoline Lund, M.D. [karolinelund3@gmail.com](mailto:karolinelund3@gmail.com)

**Trip Attendees:**

Michael Yao [myao@caltech.edu](mailto:myao@caltech.edu)  
Junedh Amrute [junedh.amrute89@gmail.com](mailto:junedh.amrute89@gmail.com)  
Ciro Fusco [fuscoc@pdx.edu](mailto:fuscoc@pdx.edu)

**Team BETA 1**

**Outbound Flight:**

Monday, September 24, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Sunday, September 30, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Martin Rofael, M.D.  
[mrofael@alamedahealthsystem.org](mailto:mrofael@alamedahealthsystem.org)

**Trip Attendees:**

**Team GAMMA 1**

**Outbound Flight:**

Monday, October 8, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Sunday, October 14, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Nils Petter Oveland, M.D./Ph.D.  
[nils.petter.oveland@me.com](mailto:nils.petter.oveland@me.com)  
Victoria Vatsvag, Sonographer  
[victoria.vatsvag@promednor.no](mailto:victoria.vatsvag@promednor.no)

**Trip Attendees:**

**Team DELTA 1**

**Outbound Flight:**

Monday, October 22, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Sunday, October 28, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Sarah Moore, M.D./MPH [SEMOORE@LHS.ORG](mailto:SEMOORE@LHS.ORG)

**Trip Attendees:**

**Team TAU 1**

Monday, November 12, 2018  
Delta Flight 685  
(ATL to PAP, 11:30a to 2:35p)

**Return Flight:**

Friday, November 16, 2018  
American Airlines Flight 903  
(PAP to MIA, 1:55p to 4:08p)

**Trip Lead(s):**

Benji Mathews, M.D. [benji@umn.edu](mailto:benji@umn.edu)  
Sanjay Patel, M.D. [spatel30@cookcountyhhs.org](mailto:spatel30@cookcountyhhs.org)  
Kreegan Reiersen, M.D. [reie0017@umn.edu](mailto:reie0017@umn.edu)

**Trip Attendees:**

**Team ZETA 1**

**Outbound Flight:**

Monday, November 26, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Sunday, December 2, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Karen Cosby [kcosby40@gmail.com](mailto:kcosby40@gmail.com)

**Trip Attendees:**

**Team ZETA 2**

**Outbound Flight:**

Monday, December 3, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Sunday, December 9, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Elina Polyakova [epolyakova@cookcountyhhs.org](mailto:epolyakova@cookcountyhhs.org)

**Trip Attendees:**

**Team KAPPA 1**

**Outbound Flight:**

Monday, December 10, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Sunday, December 16, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Anna Maw, M.D./M.S. [anna.maw@ucdenver.edu](mailto:anna.maw@ucdenver.edu)

Stefan Tchernodriniski M.D. [stefant@uic.edu](mailto:stefant@uic.edu)

**Trip Attendees:**

**Team KAPPA 2**

**Outbound Flight:**

Saturday, December 15, 2018  
American Airlines Flight 377  
(MIA to PAP, 7:10a to 9:16a)

**Return Flight:**

Saturday, December 22, 2018  
American Airlines Flight 903  
(PAP to MIA, 2:00p to 4:20p)

**Trip Lead(s):**

Danielson Jesper, M.D.  
[Jesper.Danielson@capiostgoran.se](mailto:Jesper.Danielson@capiostgoran.se)  
Gigi Liu, M.D. [gliu12@jhmi.edu](mailto:gliu12@jhmi.edu)

**Trip Attendees:**

The list of travel attendees is still being finalized. If you have any interested personnel that you believe would be interested in participating in Project Haiti this fall, please have them contact Atria Connect at [info@atriconnect.org](mailto:info@atriconnect.org).

**Contact Information**

For general inquiries, please contact [info@atriconnect.org](mailto:info@atriconnect.org). For non-emergency inquiries related to travel logistics or volunteering, please direct emails to Michael Yao at [michael.yao@atriconnect.org](mailto:michael.yao@atriconnect.org). For non-emergency inquiries during the duration of the volunteer trip, please contact Dr. Ricardo Henri at [ricardsh93@yahoo.fr](mailto:ricardsh93@yahoo.fr). Below are contacts within the Alma Mater Hospital for non-emergency situations:

- Dr. Ricardo Henri (Physician, Atria Connect Liaison, Alma Mater Hospital): E: [ricardsh93@yahoo.fr](mailto:ricardsh93@yahoo.fr)
- Reverend Wilner Saint Hilaire (General Director, Alma Mater Hospital). E: [wilhilaire2000@yahoo.fr](mailto:wilhilaire2000@yahoo.fr)
- Sister Jacqueline Picard (Director of Foreign Affairs, Alma Mater Hospital). E: [jackieprjm@gmail.com](mailto:jackieprjm@gmail.com)
- Elise Dor (General Administrator, Alma Mater Hospital). E: [lisedine@hotmail.com](mailto:lisedine@hotmail.com)
- Michel Hugues (Chief Medical Officer). E: [m\\_hugues72@hotmail.com](mailto:m_hugues72@hotmail.com)
- Norvilus Bertrand (Assistant Medical Officer), E: [norvilbert@yahoo.fr](mailto:norvilbert@yahoo.fr)

For emergency situations that arise during the volunteer trip, please call one of the following numbers, as appropriate:

- Emergency Haiti Ambulance: Dial 118 (Haitian phones only)
- Emergency Haiti Police: Dial 114 (Haitian phones only)
- United States Embassy in Port-au-Prince, Haiti: Dial 011-509-2229-8000
  - American Citizen Services Office - Afterhours Emergencies: Dial 011-509-2229-8122
  - American Citizen Services Office - Monday to Friday 7AM-3:30PM: Dial 011-509-2229-8900

International volunteers should also find emergency contact information in Haiti relevant with respect to their country of origin/citizenship. In the case of an emergency, please also call or text Michael Yao at (408)761-8752 should there be an emergency, so that Atria Connect is made aware of the emergency situation.

Volunteer teams should connect with one another and become familiar with team members. Atria Connect recommends team members to exchange pertinent contact information (i.e. phone number, email) prior to the scheduled volunteering trip. The availability of contact information is important to ensure the safety and security of all team members during the duration of the trip. Volunteers are free to connect in any way they see fit, although Atria Connect offers their *Atrium* platform to connect volunteers as well. Atria Connect will not be able to release the contact information of volunteers without their consent, and thus will not be responsible in connecting individual volunteer members with one another. For more information or if there are any questions or concerns, please contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org).

### **Itinerary Overview (subject to change)**

8:00a	Morning breakfast at the Guest House
8:45a	Leave for the Alma Mater Hospital (Approximately a 5 minute walk from the Guest House)
9:00a	Arrive at Hopital Alma Mater. (Please visit their website at <a href="https://www.hopitalalmamater.org">https://www.hopitalalmamater.org</a> to see photos of the hospital and guest house, as well an overview of the hospital as a whole)
9:00-9:30a	Discuss a brief overview lecture for the topic of the day <ul style="list-style-type: none"> <li>• For example, in Team ALPHA 1, the first day will be fundamentals of scanning, followed by OBGYN with Dr. Lund and renal with Dr. Johnson, then cardiac scanning on the third day, etc. Please base your curriculum based on the recorded progress of prior trips and your own medical specialties.</li> </ul>
9:30a	Work with Haitian Physicians at the the ward or clinic to scan patients, or to teach Haitian Physicians on a 1:1 basis (team splits up here)
11:50a	Return to the Guest House
12:00p	Lunch at the Guest House
12:45p	Leave for the Alma Mater Hospital
1:00p	Work with Haitian Physicians at the the ward or clinic to scan patients, or to teach Haitian Physicians on a 1:1 basis (team splits up here)
4:00-5:00p	End of Work Day

### *Recommended:*

- At the end of the trip, Atria Connect invites volunteers to spend one night in Port-au-Prince and possibly tour the national museum to discover the history of Haiti, from the times of the native Tainos to the present. The tour of the museum takes approximately half an hour. Volunteers may also visit the Iron Market as well. Recreational spending will not be financially supported by Atria Connect.

A more detailed itinerary may be found on pages 8-11 of the Project Haiti Promotional Packet.

### **Financial Information**

#### *Residents of the United States*

During Project Haiti, Atria Connect will reimburse air transportation and any layover hotel stays up to a total of \$800 USD for up to 15 physicians, based on time of sign-up, in addition to ground transportation costs for its primary medical team, which includes, but is not limited to, licensed doctors, nurses, sonographers, other medical specialists, etc. Primary medical team members will be expected to pay approximately \$270 each to cover lodging, food, and water costs, as well as the remainder of the air travel costs exceeding \$800. If you are unsure if you fall under the designation of 'primary medical team,' please email Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org).

Please note that Atria Connect will not reimburse medical/travel insurance costs, emergency medical expenses (if applicable), leisure purchases, or any other costs not associated with transportation, lodging, and food and water expenses.

Other volunteer personnel attending any volunteering trip are expected to pay a total of \$1,875 USD in order to participate in a volunteering trip. Individuals that fall under this category include, but are not limited to, additional physicians, undergraduate students, premedical students, graduate students, medical students, and community members. This sum helps pay for travel expenses, such as transportation, lodging, food and water, and miscellaneous expenses. The \$1,875 will cover all of the individual's non-recreational expenses (specifically air transportation, ground transportation, lodging, food, and water only). Atria Connect encourages individuals to crowdfund or apply for funding grants from their affiliated institutions or grants from local community establishments. International students, which are described as those whose country of origin is outside of the United States, can be expected to pay the same amount of \$1875, but Atria Connect will not cover the costs of their airline travel to the United States; Atria Connect will only cover the air travel from Miami to Port-au-Prince and back for these students. Under special circumstances, Atria Connect may work with interested volunteers to negotiate funding on a case-by-case basis.

Atria Connect reserves the right to deny *any* volunteer the opportunity to partake in a volunteer trip, so long as the notification is received by the potential volunteer within 7 days of the official start date of the trip.

For any financial inquiries, please contact Michael Yao at [michael.yao@atriacconnect.org](mailto:michael.yao@atriacconnect.org).

## Web-Based Curriculum

Below is a standardized curriculum put together by Dr. Gordon Johnson, Atria Connect's Chief Medical Adviser and Co-Founder. The curriculum is aimed to help local physicians establish proficiency and (hopefully) mastery of ultrasound probe techniques and data reading/analysis to improve point-of-care medicine and medical treatment. It is meant to be a long-term, 3-month overview of the skills that the on-ground physicians should be able to demonstrate.

The links to video-based curriculum materials can be found here, taken from Ultrasound 'Course in a Box' focusing on Point of Care Ultrasound Basics:

- **Module 1** Machine Basics: <https://3lliottjody.wistia.com/medias/fy5b5mq27b>
- **Module 2** Trauma Ultrasound: <https://3lliottjody.wistia.com/medias/i2zkfcfhyq>
- **Module 3** Cardiac Imaging Basics: <https://3lliottjody.wistia.com/medias/j4x9dv8zig>
- **Module 4** Four Basic Cardiac Views: <https://3lliottjody.wistia.com/medias/nv09s3a10l>
- **Module 5** Basic Cardiac Pathology: <https://3lliottjody.wistia.com/medias/a3w79pjktx>
- **Module 6** PIV Finding Finding a Vein: <https://3lliottjody.wistia.com/medias/yvdi0r8x46>
- **Module 7** PIV Placing the IV: <https://3lliottjody.wistia.com/medias/0psee3luyo>
- **Module 8** CVL Basics: <https://3lliottjody.wistia.com/medias/pj7a0x87pm>
- **Module 9** CVL Placing the Line: <https://3lliottjody.wistia.com/medias/aos9wfmbff>
- **Module 10** RUQ: <https://3lliottjody.wistia.com/medias/rqi4y1nqp8>
- **Module 11** Renal: <https://3lliottjody.wistia.com/medias/4wf8oqxzts>
- **Module 12** RUSH Protocol: <https://3lliottjody.wistia.com/medias/ouyt6t6evr>
- **Module 13** Soft Tissue: <https://3lliottjody.wistia.com/medias/7tm0vvilr5>
- **Module 14** Aorta: <https://3lliottjody.wistia.com/medias/ofgm7n8si2>

Additional paper-based curriculum materials can be found in **Appendix A**, provided and created by Dr. Gordon Johnson. **Appendix A** is meant more as a guideline than anything else. The physicians are asked to focus on their individual areas of expertise in establishing their individual curriculums for the week. The Haitian trainees will be scored on a scale quantifying four general cases: ‘mastery of view,’ ‘correct view,’ ‘partial view,’ and ‘incorrect view/unable to view.’ The data will be entered into the Atrium database.

The material is meant strictly for usage related to or affiliated with Atria Connect; volunteers and other medical professionals are free to copy and utilize these materials for personal, unaffiliated reasons provided that they are made explicit to and approved by Atria Connect and its affiliated directors prior to distribution.

### **Appendix A: Sponsors**

Much of Project Haiti is financially supported by friends, family, and members of the community. Atria Connect would like to thank all individuals and organizations for their charitable donations and support in putting together Project Haiti. In particular, the organization would like to thank Dr. Nilam Soni for donating 10 point-of-care ultrasound textbooks to the Alma Mater Hospital. Atria Connect is also supported by Philips Healthcare through their generous donation of a Lumify REACTS ultrasound system; this project greatly appreciates their support. Atria Connect is also supported by SonoSim through their generous donation of SonoSim training simulators and associated software. Finally, Atria Connect thanks Crimson Education for their work and support in recruitment of student participation.

**Appendix B: POCUS Competency Assessment Chart/Curriculum Overview (under construction)**

<b>Session</b>	<b>Objectives</b>
1. Introduction to Ultrasound	<ul style="list-style-type: none"> <li>-Basic Ultrasound Principles</li> <li>-Ultrasound Terminology</li> <li>-Transducer Types</li> <li>-Essential Keyboard Controls (if applicable)</li> </ul>
2. Musculoskeletal Ultrasound	<ul style="list-style-type: none"> <li>-Basic Ultrasound Scanning Techniques</li> <li>-Demonstrate Ultrasound Appearance of Muscle, Tendon, Bone, and Nerve</li> <li>-Visualization of Forearm Muscles</li> <li>-Visualization of Biceps Tendon</li> <li>-Visualization of Midforearm Radius and Ulna: Transverse and Longitudinal</li> <li>-Visualization of Median Nerve and Carpal Tunnel</li> </ul>
3. Vascular and Cardiac Ultrasound	<ul style="list-style-type: none"> <li>-Demonstrate Parasternal 4-Chamber Views of the Heart</li> <li>-Demonstrate Carotid Artery/Jugular Vein Images</li> <li>-Discuss M-mode and Pulsed Flow Echocardiography</li> <li>-Visualization of Carotid Artery and Jugular Vein</li> <li>-Visualization of Aorta and Vena Cava</li> <li>-Visualization of 4-Chamber View</li> <li>-Visualization of Parasternal Axis</li> <li>-M-mode and Pulsed Field</li> </ul>
4. Ultrasound of the Abdomen	<ul style="list-style-type: none"> <li>-Demonstrate Ultrasound Appearance of Liver, Kidney, Gallbladder, Spleen, Bladder, Bowel, and Pancreas</li> <li>-Visualization of Liver</li> <li>-Visualization of Gallbladder</li> <li>-Visualization/Measurement of the Common Bile Duct</li> </ul>
5. Genitourinary Ultrasound	<ul style="list-style-type: none"> <li>-Visualization of Spleen</li> <li>-Visualization of Bladder</li> <li>-Visualization of Kidney</li> </ul>
6. Ultrasound and Procedural Skills	<ul style="list-style-type: none"> <li>-Localization of Foreign Bodies</li> <li>-Visualization of Internal Jugular Vein</li> <li>-Visualization of Radial Artery</li> <li>-Visualization of Needle in Vascular Space</li> </ul>