



**EVERYONE DESERVES ACCESS TO THE BEST HEALTHCARE AVAILABLE.
OUR VOLUNTEERS ARE MAKING THIS POSSIBLE.**

MAJOR STRIDES FOR THE VIETNAM PEDIATRIC PROGRAM

Beginning in early 2014, Global Healing began a three-year clinical training program at the Vietnam National Children's Hospital (VNCH) for physicians and nurses in the emergency medicine department, pediatric intensive care unit (PICU), and neonatal intensive care unit (NICU).

The curriculum has provided the framework for clinical training that equips medical staff to become trainers themselves in several important core competencies.

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Nurses perform morning rounds in the NICU with Global Healing volunteer trainers.

BLOOD BANK QUALITY SYSTEMS GROW IN HAITI



HUM Blood Bank is taking a major step in its transition from record keeping on paper to an industry standard computerized record keeping process.

Global Healing is currently focusing on establishing quality systems at Haiti's Hôpital Universitaire de Mirebalais (HUM) and training the blood bank technologists on transfusion medicine topics and skills relevant to the Haitian patient population.

When Global Healing trainers last departed from Haiti, the HUM Blood Bank was taking a major step in its transition from record keeping on paper to an industry standard computerized record keeping process. Using the new system, the hospital will be able to better maintain inventories, ensure that the correct blood is given to the correct patient, and track transfusion reactions.

For example, in one month 167 donors were drawn, of whom 96 were volunteers and the remainder were family members. 237 units of red blood cells (RBC) were ordered for transfusion, 141 units were transfused, and 4 units were sent to other hospitals, leaving 76 units of RBC in stock. Thirty-five donors were deferred, primarily for anemia and low body mass, and 13 donated units were rejected due to positive tests for disease markers. This level of detail was never available before implementation of the new information system. Global Healing and HUM will continue to build upon these capabilities to continuously improve quality and monitor trends in future years. ...CONT'D ON PAGE 3



Dr. Enrique Tomé (5th from right) and colleagues in Roatán.

FROM THE FIELD: HONDURAS

We want to introduce you to pediatric surgeon Dr. Enrique Tomé, who performs surgeries on an average of 20 children during each medical mission. During the last eight years, Dr. Tomé and his anesthesiologist partner, Dr. Armando Sánchez, have flown at least once a year to the Honduran island of Roatán to undertake this medical mission. During their service time, they have operated free of charge on more than 150 children in need. Since surgical care at the Public Hospital on the island is limited, they primarily provide ambulatory (or outpatient) surgeries and operations not requiring pathological evaluation.

“One of the most challenging parts of the medical conditions these children present is consistent access to care where there is no comprehensive care system to treat these conditions.” -Dr. Tomé.

The kids who receive care are identified in advance by Dr. Karla Cerritos, the pediatrician in charge of the Roatán Volunteer Pediatric Clinic (RVPC), who also does the post-surgery follow-up to provide continuity of care. The successful surgeries allow these children to grow and develop normally and live essentially normal lives.

Global Healing established the RVPC in 2003 as a joint project with Public Hospital Roatán to provide much needed medical care to children on the island. Our pediatric outpatient clinic in Honduras sees thousands of children each year. We have also partnered with UCSF, UC Davis, and Telerivet to launch an SMS messaging initiative encouraging exclusive breastfeeding of infants among new mothers.

Our program received support in 2016 from the IZUMI Foundation, and in 2017 the IZUMI Foundation awarded a second grant to support daily operations at the RVPC, the exclusive breastfeeding project and an infection control project at the Public Hospital.

We are always looking for physician volunteers and student interns who speak Spanish to staff the Roatán Volunteer Pediatric Clinic (RVPC) in Honduras. Our HEAL student internship is open to advanced undergraduate students and provides a unique opportunity to experience pediatric medicine and community health.

We also offer a pediatric rotation that is open to:

***Pediatric primary care attendings *Third-year pediatric residents *Family medicine attendings
*Pediatric specialists *Neonatologists *Obstetricians/gynecologists *Anesthesiologists**

Contact sarah@globalhealing.org with questions and visit rvpc.globalhealing.org to learn more and apply.

VIETNAM (CONT'D FROM PAGE 1)

The formalized training evaluation that we do in this program is an important part of its success. We have focused on a train-the-trainer model and on measurement of individual knowledge gained by the students. This year we have added collection of patient outcomes data in the NICU and PICU to document the effect of our training on the quality of patient care. We are collecting data on skin ulcers, ventilator associated pneumonia, and central line infections.

Our program continues to grow as we welcome new volunteer blood banking specialist Maushika Theyagarajan. This is the first time we have sent a blood bank specialist to VNCH. She is currently conducting an evaluation, and then will develop a customized training program for the blood bank at VNCH.



In March, volunteer blood banking specialist Maushika Theyagarajan visited the blood bank at VNCH to begin her assessment.

Initially supported by a grant from Ronald McDonald House Charities, this program is now entirely supported by you, our donors.



In October we provided training for the blood bank staff in quality management, and the tracking and assessment of transfusion reactions.

HAITI (CONT'D FROM PAGE 1)

On our most recent trip in October our trainers provided training for the blood bank staff in quality management, and the tracking and assessment of transfusion reactions.

In May, Global Healing will send another team of trainers to continue working with HUM staff on transfusion medicine and quality assurance, as well as using the computerized system to keep track of available products.

Initially supported by a grant from the IZUMI Foundation and now continued through a grant from ICCBBA.

JAMC BLOOD BANK IN GEORGIA RECEIVES A GENEROUS DONATION

We started the year with great news. The latest generous donation by Helmer Scientific was delivered to Tbilisi, Georgia. Helmer Scientific has donated multiple items of life-saving cold chain equipment as part of their corporate philanthropy program, "Chill the World." This equipment is now helping make safe blood accessible and is increasing the number of blood products the Jo Ann Medical Center (JAMC) Blood Bank in Georgia can store. JAMC now has the capability to perform more cardiac surgeries and provide additional lifesaving treatments for children in need.



LATIN AMERICAN BLOOD SAFETY

The 2017-18 program is adding five more free Spanish language webinars for distribution throughout Latin America on the [Pan American Health Organization \(PAHO\) YouTube channel](#). Global Healing's work in blood safety continues to make an impact with the publication in the journal *Transfusion* of the meeting report of our International Blood Safety Forum held last year. Many thanks to our coauthors and the meeting participants for helping to make this important topic visible. [Visit the Wiley Online Library](#) to read an online preview of the article: citation # 10.1111/trf.14591



(scan code to watch PAHO's YouTube channel.)

MESSAGE FROM THE PRESIDENT

Thanks to you, our wonderful donors, our Giving Tuesday this past winter was our best one ever! We are so grateful to all who gave so generously to help the children and mothers who benefit from our programs in Vietnam, Honduras, Haiti, Georgia and around the world.

We are pleased to welcome a new volunteer, Maushika Theyagarajan, a blood banker from Seattle, who will be assisting the blood bank at Vietnam National Children's Hospital. Despite the worldwide shortage of funds to support blood safety, we are very excited that you, our donors, are making this important work possible.



We bade a fond farewell to Kristiana Lehn, an exceptionally talented UC Davis medical student who as a volunteer for the last 10 months has been the prime mover of our project to encourage exclusive breastfeeding of infants in Roatán. We know that she will be a huge success as she completes her medical training. The search is now on for her replacement, so those who are interested in volunteering in Roatán, please take note. We also would like to thank Dr. Jamila Williams and Dr. Emily Suh, two enormously dedicated NYU pediatrics residents who spent a month in our Roatán clinic. We'll be telling more of Emily and Jamila's stories on our blog in the coming months.

You, our donor and volunteer heroes, are truly making a positive difference in the world. Your dedication inspires us every day.

Very Best Wishes,

A handwritten signature in black ink that reads "John".

John J. Donnelly, Ph.D.

THANK YOU FOR SUPPORTING GLOBAL HEALING

As always, Global Healing greatly appreciates the support from our donors and our sponsors.

The sustainable programs we have implemented worldwide would not have succeeded without the generous support of our partner organizations.

Please join Global Healing in our mission to provide modern medicine for the developing world.

Ways You Can Help:

- *Volunteer-** locally or internationally
- *Donate-** go to globalhealing.org or use enclosed envelope
- *Matching Gifts-** ask your employer if they match gifts
- *Give a Gift of Stock**
- *Host your Own Peer-to-Peer Fundraiser**

Visit us online to learn more: globalhealing.org

CONNECT WITH US www.GLOBALHEALING.org

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2017: RECORD YEAR OF FUNDRAISING FOR GLOBAL HEALING

#GIVINGTUESDAY

With your generous support Global Healing raised **\$42,496** from **67** donors all over the globe during our #GivingTuesday2017 winter campaign.

This success marks a turning point in Global Healing's growth in fundraising that will positively impact our work.

Your support helps women and children around the world gain access to quality health care from local and skilled medical professionals.

Thank you for making better health possible for children and mothers in need.

Contact us if you are interested in peer fundraising for the #2018GivingTuesday winter campaign.
contact@globalhealing.org