



GLOBAL HEALING
MODERN MEDICINE FOR THE DEVELOPING WORLD

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

BLOOD BANK IMPROVEMENTS PROVIDE HOPE IN HAITI

In Haiti, our trainers work directly with blood bank staff, nurses and residents to teach the most up-to-date and effective methods for delivering safe blood to patients. In May, three of our volunteers traveled to Hôpital Universitaire de Mirebalais (HUM) to provide a week-long training, the final session in our three-year program funded by the IZUMI Foundation.



Blood bank staff review the most recent medical literature in order to provide safe blood transfusions to patients.

While Dr. Rioux-Massé prepared nurses and medical residents to better serve their patients using the blood products produced at the hospital, longtime volunteer Nadia Baillargeon and first-time volunteer Annie Jacques (both of Héma-Québec) worked closely with the technologists at the blood bank who prepare the blood for use. On this last trip we brought along two Hemocue units, provided by the IZUMI Foundation. These point-of-care test devices will allow the hospital to determine whether it is safe for potential donors to give blood. They can also be used to diagnose anemia in patients.

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BUILDING BETTER CARE FOR CHILDREN HOSPITALIZED IN VIETNAM

The 2017 San Francisco Marathon is history and we were a small part of it—1/27,000th to be exact. A lovely SF day with amazing views of the Bay Bridge lights, sunrise over Treasure Island, the Golden Gate in the fog and the collective energy of 27,000+ runners lined up on the Embarcadero were the perfect backdrop to an important cause. Our run was inspired by the work of nurses and physicians in Vietnam.



Tanya Kamka, RN (right) teaches proper intubation techniques to NICU nurses.

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INVESTING IN MATERNAL AND CHILD HEALTH IN HONDURAS



Jihey Yuk (left) from UC Davis is helping to promote the health of children and mothers.

Global Healing has supported the Roatán Volunteer Pediatric Clinic, the only free pediatric outpatient clinic in the Bay Islands, since 2003. A generous IZUMI Foundation grant recently allowed us to launch a new two-year project aimed at improving the health of children and mothers in Roatán. Through this grant, longtime Global Healing volunteers and pediatricians Dr. Diane Siegel and Dr. Eric Scher returned to Roatán, offering their skills and guidance to improve care at the clinic. This year to date, pediatric residents Dr. Brian Forster, Dr. Mary Grady and Dr. Chelsea Kadish have also made month-long trips to the RVPC to provide care for children in the community. They received support in the clinic from HEAL interns Ali Scher (who followed in her father Eric Scher's footsteps) and Vivian Thompson, as well as Casey Jereb. Casey will be joining our team as the new HEAL Internship Coordinator beginning this Fall. She inherits the role from Will Yokeley, who for the last five years has dedicated his time to advising HEAL interns and will begin medical school this year.

We have also launched a new infection control training program to support the health of patients at Public Hospital Roatán. The program will evaluate and train hospital staff in best practices for reducing healthcare-associated infections, including hand washing techniques, aseptic procedures and the maintenance of IV lines. In order to address health needs beyond the walls of the hospital, we are also working on a pilot project to encourage new mothers to breastfeed their babies exclusively until they are six months old (EBF). Using text messages to promote EBF, we aim to create lasting behavior change that will improve the health of both children and mothers. We are thankful to work in collaboration with UC San Francisco and UC Davis to make this project possible. UC Davis medical student and Global Healing volunteer Kristiana Lehn will be working closely with the Public Hospital Roatán and the RVPC over the next year to understand the impact of this new intervention.

HAITI (CONT'D FROM PAGE 1)

The blood bank staff have made great strides since the beginning of our program. They have now transitioned to digital record-keeping, which will enable more precise tracking of blood products and improve patient safety. This development lays the groundwork for the next phase of our program: with the blood bank now producing blood products independently and hospital staff prepared to more effectively use blood products to treat patients, we will launch trainings to strengthen their quality management system thanks to support from ICCBBA. We are incredibly grateful for all that the IZUMI Foundation has made possible in Haiti, and we look forward to improving the safety and availability of blood products at the hospital with support from ICCBBA's Enterprise Grant.



HUM Blood bank technologist Angeline (left) demonstrates how to draw blood safely from a donor.

VIETNAM (CONT'D FROM PAGE 1)

Thanks to the generosity of those who supported our Crowdrise campaign, we were able to raise \$3,075.00 to provide additional training to these dedicated healthcare workers. As a result, sick children in the intensive care units and emergency department will have a better chance at recovery.

With that purpose top of mind, volunteers Dr. Karen Lidsky and Tanya Kamka, RN, traveled with our program's medical director, Dr. Colin Partridge, to Hanoi just weeks after the marathon. After completing the final neonatal intensive care unit (NICU) training session through a grant from Ronald McDonald House Charities®, nurses in the NICU at the Vietnam National Children's Hospital (VNCH) are excited to begin a quality improvement study on diaper dermatitis to measure the impact of what they learned. Next year, with support from our donors and volunteers, we will continue training for Pediatric Intensive Care Unit (PICU) physicians, conduct impact assessments for the PICU and NICU nurse training at VNCH and support VNCH staff as they extend training to their satellite Hospitals, including Lao Cai District Hospital.



Global Healing volunteer Dr. Karen Lidsky (4th from left) discusses treatment for a PICU patient with physicians at the Vietnam National Children's Hospital during our August training trip.

ADVANCING INTERNATIONAL BLOOD SAFETY

We co-hosted the International Blood Safety Forum (IBSF) this past March, bringing together experts from across the blood industry and those involved in blood safety efforts from academic, nonprofit and corporate sectors. We sought to learn from one another and have the opportunity to create solutions. We started with the question: how do we improve access to affordable, safe blood in the developing world?

Our ultimate goal is to ensure that patients in need of life-saving blood transfusions, particularly children and mothers, are able to receive them. Building on the momentum from the IBSF, Global Healing will host a webcast on December 6th to gather learnings from other disciplines, specifically drugs and vaccines, on how to build coalitions that can lead to successful international initiatives. Email john@globalhealing.org to receive a link when registration opens.



IBSF attendees discuss the international need for safe blood.

Many thanks to our IBSF co-hosts at America's Blood Centers and sponsors Helmer Scientific, Cerus Corporation and Terumo BCT for making the meeting a success.

YOU CAN GET INVOLVED: VOLUNTEER IN ROATÁN



HEAL intern Tiggy Menkir from Princeton (left) and Dr. Maria Castellanos from Stanford pause for a selfie outside of the Public Hospital Roatán after a day of working with children and mothers at the RVPC.

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.

LETTER FROM THE PRESIDENT

Our Fall 2017 Newsletter celebrates the generosity of our volunteers and supporters who make better healthcare available to children and mothers in need. These stories are a small way to share our gratitude for the volunteers who have given their time to travel to our program sites this year. We are also inspired by the stakeholders who came together for the International Blood Safety Forum and gave a clear call to action to support access to safe blood in low-resource countries. A report of this meeting will be published and a follow up webcast will occur on December 6th, 2017. With programs underway, we are thankful to the IZUMI Foundation for a 2-year grant to support our work in Honduras, our incredible SF Half Marathon donors for enabling our work in Vietnam, and ICCBBA for an Enterprise Grant to support another year's work in Haiti. What this means for the future is thousands of outpatient visits in Roatán, better care for hospitalized infants and children in Vietnam, safe blood for mothers and children in Haiti, and hundreds of contact hours of instruction at all of our program sites. You make all of this possible. We are grateful to be building a healthier world together.



Sincerely,

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

John J. Donnelly, Ph.D.