



International Blood Safety Forum, Day 1 co-hosted by Global Healing and the American International Health Alliance. From left: Tom Schallert (Northern California Community Blood Bank), Leslie Botos (BloodSource), W. Martin Smid MD (Sanquin Blood Systems), Miriam Bolaños (America's Blood Centers), Gavin Evans (Global Blood Fund), Evan Bloch MD (Blood Systems Research Institute), Pete Zacarias (Safe Blood International Foundation), John Armitage MD (Oklahoma Blood Institute), Jean Stanley MT(ASCP)SBB (American International Health Alliance), Jim Perkins MD (NorthShore Health Systems), Sue Johnson MT(ASCP)SBB (BloodCenter of Wisconsin), Jed Gorlin MD (Memorial Blood Center), Kate Schecter PhD (American International Health Alliance), Luke Ifland (Global Healing), Cindy Basso (Global Healing), Dave Green (Mississippi Valley Regional Blood Center), Sylvie Daigneault (Héma-Québec), Jim Reilly (AABB), Danica Holley (Safe Blood International Foundation), Chris Gresens MD (BloodSource)

2013: THE YEAR IN GLOBAL HEALING



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A MESSAGE FROM THE PRESIDENT

In 2013, our colleagues at home continued experiencing the greater effects of healthcare reform as policy changes took effect. Likewise, our colleagues abroad continued their own endeavors to provide ever more sophisticated medical services. Step by step, we inched forward together toward expanded, equitable healthcare around the world. The experiences gained abroad not only provide a source of inspiration and motivation, but enrich the quality of our work at home as we encounter alternative approaches to medicine.



Last year, Global Healing opened the doors to the blood bank at the **Hôpital** Universitaire de Mirebalais in Haiti that will go on to serve many mothers and children in need. The board of directors also approved a new pediatric program focusing on the emergency department and intensive care units at the **National** Hospital of Pediatrics in Hanoi, Vietnam. Additionally, the past year has been a time of building and cementing partnerships with many remarkable leaders of Latin American blood systems. The excellence for which we strive continues to be a testament to those wishing to join our mission.

Much of our global reach is thanks to the ongoing and recent partnerships, which have started to blossom into meaningful action for our local partners. Our friends and colleagues across the Bay at the University of California, San Francisco (UCSF) have rolled up their sleeves to continue the admirable accomplishments of Dr. Howard & Alice Gruber and many other volunteers in Roatán, Honduras. We have also welcomed another neighbor, Medic Mobile, into the fold to assist with developing mobile health tools to benefit the island medical community. The willingness of UCSF to serve abroad has not stopped at Roatán; they are also contributing volunteers to our pediatric acute care program in Vietnam.

I invite you to join us as we boldly continue onward into the next chapter of global partnership.

Luke Ifland President

BY THE NUMBERS:

\$86,398

of **donated** medical equipment & supplies transferred to Global Healing program sites in **2013**

Global Healing is currently active in Countries

iopital versitaire ⁄lirebalais

6,000 +

patient visits at RVPC in 2013

4,000

volunteer hours in 2013

95%

of expenses dedicated to delivering programs 70

volunteers in 2013



Mirebalais, Haiti

Roseau, Dominica



Roatán, Honduras





Ukraine Chisinau, Moldova

Gyumri, Armenia





Langtang, Nepal



Hanoi, Vietnam

Our Global View

OUR MISSION

OUR PURPOSE

Good healthcare is essential to every aspect of daily life. Without it, we cannot be productive workers, contented citizens, or supportive parents. And yet, billions wake up every morning without access to a medical system capable of healing and curing them simply because of where they live. Global Healing exists to improve the lives of patients in developing countries because no one should suffer for lack of reasonable and sustainable medical solutions. This is achieved by working directly with local government officials, healthcare providers, businesses, public institutions and private citizens to put processes in place to ensure the self-sufficiency of medical services. By connecting the various sectors of society, Global Healing facilitates personal giving across communities, countries and continents. Our programs are conduits for the equipment, training and official support necessary to ensure that these medical centers thrive.

OUR PROMISE

Global Healing's efforts are made possible by a group of caring, dedicated individuals and institutions whose time and resources are highly valued by all beneficiaries. For this reason, we take any contribution very seriously, no matter the size. Our programs will be executed only in the most responsible, professional manner and will never be wasteful or self-serving.

ROATÁN VOLUNTEER PEDIATRIC CLINIC ROATÁN, HONDURAS

Global Healing continued its commitment to the **Public Hospital Roatán** by sending pediatric attendings and residents for onemonth rotations. Additionally, we sponsored a surgical team from the **Universidad Nacional Autonoma de Honduras** in Tegucigalpa to perform pediatric surgeries.

Global Healing worked in 2013 to cement ties to the University of California, San Francisco (UCSF) and University of California, Berkeley School of Public Health (UCB SPH) to design an interprofessional program aimed to reduce maternal and neonatal mortality rates and improve the overall health of families in the Bay Islands of Honduras. The program will focus

on the roughly 1,200 babies delivered at the public hospital each year. Mobile health tools, such as those developed by partnering organization **Medic Mobile**, will enable real-time data collection and analysis. Understanding the burden of disease will enable **UCSF** faculty from the schools of medicine, nursing, dentistry and pharmacy to create educational programs to improve the quality of, access to and continuity of healthcare in the Bay Islands.

We look forward to taking the next steps to build on our successes in Roatán. In the meantime, if you are interested in getting involved, we'd be interested in hearing from you.



NATIONAL BLOOD SAFETY REFORM UKRAINE



The American International Health Alliance (AIHA) and Global Healing began a project to improve the national blood service in Ukraine. The scope of our work is expansive: from blood donors to patients to the systems that support the blood service. Over the course of several months, we had the pleasure of meeting with medical professionals from thirteen different blood centers and transfusion services in seven cities across Ukraine to better understand the current landscape of the Ukrainian blood service.

After gaining a better picture of the challenges and opportunities of the national blood service, **AIHA** and Global Healing initiated the planning process to map out the road ahead. The program is just getting started, but we look forward to working with our Ukrainian colleagues to improve the quality and safety of blood in the years to come.

NATIONAL BLOOD SAFETY REFORM TBILISI, GEORGIA

In 2013, Global Healing worked with our Georgian colleagues to restructure the responsibilities of the governing body overseeing national blood quality management and regulations. The State Regulation Agency of Medical Activities, an arm within the Ministry of Health, Labour, and Social Affairs of Georgia (MOHLSA) will now be involved in future trainings as they audit blood bank facilities to ensure compliance with national standards of operations.

To continue the development of Georgia's national quality management, Global Healing sent Levan Avalishvili MD, director of Jo Ann Medical Center (JAMC) Blood Bank, and Eka Kavtardaze, deputy director of the National Center for Disease Control and Public Health of Georgia, to a multi-day training in

Dublin, Ireland. Georgia has chosen to use the European Union (EU) system as a model for their own national blood safety standards, and attendance at this European Blood Inspection System (EuBIS)-sponsored training enabled greater familiarity with the EU's quality and regulatory principles for blood systems.

Georgia established a working group comprised of key local stakeholders in the blood banking community to lead national blood safety reform. The group will review, discuss, and revise documents prior to submission to the MOHLSA for legalization and formalization of policy and standards. Global Healing will be communicating closely with the working group to steer them towards reaching milestones within the development of their national blood system.

At the JAMC, renovations to the physical infrastructure continue as plans to build a multi-profile hospital near completion. The JAMC will expand their inpatient capacity to 120 beds and add on the following services: radiology, thoracic surgery, and pediatric oncology. The blood bank will be moving into a larger space and Global Healing has sent over medical equipment and supplies to support their increased capacity. Helmer Scientific donated a refrigerator to increase the number of blood products the JAMC Blood Bank can store. And thanks to donated equipment from Haemonetics and Canadian Blood Services, Georgia now has the capabilities to perform apheresis collections.

Through a grant from the **Global Blood Fund**, Global Healing will work with **Rotary Club Tbilisi** on efforts to stimulate national donor recruitment.



INTERNATIONAL BLOOD SAFETY FORUM

In March 2013, Global Healing and America's Blood Centers co-hosted the inaugural International Blood Safety Forum, with sponsorship from Helmer Scientific. The event attracted 65 global leaders from five continents, representing the United States Military, professional organizations, biomedical corporations, community blood banks, and national blood systems. While the main goal of the inaugural forum was to highlight some of the blood safety work being done around the world, it was also a venue to begin the conversation of how to collaborate together to be more effective and reach a larger constituency.

Thanks to this initial meeting, there are now several resources available to the international community. Global Healing hosts a directory of organizations that are conducting international blood safety programs at globalhealing.org/IBSA. Additionally, interested individuals can now sign up to receive news and updates about international blood safety and volunteer opportunities. And perhaps most notable, the Global Blood Fund has developed an Equipment Exchange database to facilitate the donation of goods and services to the developing world.

Born from the enthusiasm of the International Blood Safety Forum, the initial cohort of attendees has maintained the momentum of the initial meeting in what is now termed the International Blood Safety Alliance (IBSA). The Alliance will serve as a loose confederation of motivated parties that will champion blood safety as a global priority within international development and health systems strengthening. We invite you to join us by emailing us at contact@globalhealing.org.



HÔPITAL UNIVERSITAIRE DE MIREBALAIS MIREBALAIS, HAITI

After breaking ground in 2011, the Hôpital Universitaire de Mirebalais (HUM) opened in 2013 and now welcomes patients from the surrounding community of Mirebalais and throughout Haiti. The monumental medical center is a sweeping structure that provides some of the most advanced medical services and procedures in Haiti. Global Healing worked closely with the local team, including Partners In Health, to ensure that basic blood banking operations were functional as the transfusion service became active. The overall objective is to establish a modern and advanced blood bank and transfusion service at HUM that is able to meet the demands of the local patient population and respond with safe and high quality blood products that are compliant with international standards.

Before the first patient could be transfused, Global Healing needed to furnish and set up a blood bank within the walls of **Hôpital Universitaire de Mirebalais**. Through the generosity of many in-kind donations, Global Healing was able to equip the **HUM** blood bank with modern medical equipment. **Helmer Scientific** was one of the most prominent equipment donors and even sent a small team of bioengineers to install blood banking equipment and train local hospital staff on functionality, upkeep, and repairs.

Global Healing had a team of dedicated volunteers from renowned blood centers and medical institutions who trained HUM staff on transfusion medicine, compatibility testing, component production, and quality assurance. Benjamin Rioux-Massé MD (Centre Hospitalier de l'Université de Montréal) worked alongside Peter Kite (Blood Centers of the Pacific), Nadia



Baillargeon MT and Marie-Claire Chevrier (both Héma-Québec) to open the blood bank facilities in spring of 2013. Committed to strengthening laboratory and clinical practices at HUM, Dr. Rioux-Massé and Nadia Baillargeon returned again in the fall to work with staff to further develop the transfusion service with Debra Breitenbecher MT(ASCP).

Since opening, the hospital has performed close to 500 blood transfusions, with the majority going to obstetric cases. This preliminary data is available due to the hard work of Tony Chang MD, a University of California, San Francisco (UCSF) anesthesiology resident, who we brought to HUM in fall of 2013. Dr. Chang visited several medical centers and clinics in Haiti over a 3-week timeframe.

Our first year of work at HUM has been an inspiring experience. In particular, we have enjoyed observing the synergistic work of the local team: the staff at Hôpital Universitaire de Mirebalais, Partners In Health, and their sister organization, Zanmi Lasante. Their coordinated efforts have already started to improve healthcare services throughout Haiti. Global Healing looks forward to the next two years of the project, where the focus will primarily be on quality management and clinical education. The Izumi Foundation has graciously awarded Global Healing funding for these components of the program for the remainder of the project.



Dr. Rioux-Massé gives a presentation on component therapy at **HUM**.



THIS HOSPITAL IS THE CULMINATION OF A DREAM DATING BACK A QUARTER-CENTURY AND UNDERLINES OUR COMMITMENT TO THE COUNTRY AND PEOPLE OF HAITI, WHICH IS STRONGER THAN EVER AFTER THE EARTHQUAKE.



—PAUL FARMER CO-FOUNDER, PARTNERS IN HEALTH

GLOBAL HEALING LOOKING FORWARD

2014 AIMS & OBJECTIVES

UKRAINE

Deploy policy, quality systems, donor recruitment, donor screening and other training and mentorship programs across Ukraine.

HONDURAS

Explore interprofessional program with UCSF, UC Berkeley School of Public Health and Medic Mobile.

VIETNAM

Begin training physicians and nurses in emergency medicine and acute care at the **National Hospital of Pediatrics** in Hanoi, Vietnam.

GEORGIA

Complete training of national donor recruiter and focus on reforming regulatory practices related to blood centers and hospital transfusion services.

HAITI

Focus training on leadership of blood bank with emphasis on transfusion medicine and quality systems.

LATIN AMERICAN BLOOD ALLIANCE

Work with the **Grupo Cooperativo Iberoamericano de Medicina Transfusional (GCIAMT)** to expand membership and provide important educational tools for blood safety professionals across Latin America.

INTERNATIONAL BLOOD SAFETY ALLIANCE

Global Healing plans to continue working with like-minded organizations to ensure that blood safety is recognized as a priority within global health.



VOLUNTEER SPOTLIGHT DIANE SIEGEL MD

This year, Global Healing would like to honor long-time volunteer **Dr. Diane Siegel** for her commitment to the **Roatán Volunteer Pediatric Clinic** and her unwavering enthusiasm, which continues to be a source of inspiration.

Dr. Diane Siegel first discovered Global Healing in 2008 when she traveled to Roatán to repair houses with friends. She stopped in to see what the public hospital was like and discovered the pediatric clinic, where she spoke to a volunteer and learned more about the program. As soon as she returned home, she contacted Global Healing and arranged to return to Roatán that year as a volunteer.

Dr. Siegel has always been drawn to working with underserved populations where the need is great and her commitment to helping those in need is longstanding. Before becoming a doctor, she worked as a nurse on the Navajo Reservation. Currently, she works in Minneapolis in a community health center that serves primarily low income patients, many of whom have very recently arrived in the country. Over the past five-and-a-half years, **Dr. Siegel** has worked in the **Roatán Volunteer Pediatric Clinic** as an attending

pediatrician seven times, and is widely considered one of the most upbeat and positive members of the RVPC community. She is described as a patient and effective teacher, but one who is also always willing to roll her sleeves up and get involved.

In 2013, **Dr. Siegel** traveled to Roatán with her 18-year-old daughter, who worked in the clinic as a **HEAL** intern. According to **Dr. Siegel**, in addition to offering a unique opportunity for mother and daughter to work alongside one another, the trip was also eye-opening for her daughter, who has since expressed far more interest in global health inequities.

Dr. Siegel sees the **RVPC** both as an important medical resource in an underserved area and a meaningful way to strengthen ties between two very different cultures. And fortunately for Global Healing and the families of Roatán, she plans to return to the clinic many more times in the future.

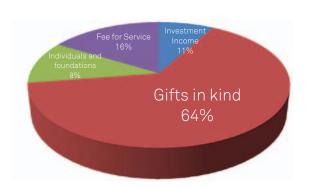


2013 FINANCIAL OVERVIEW

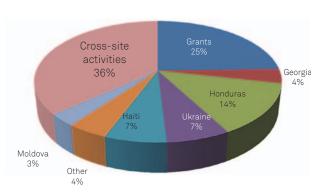
STATEMENT OF ACTIVITIES

	2013	2012	2011
Revenue			
Contributions, grants and gifts in kind			
Individuals and family foundations	63,000	24,000	163,000
Gifts in kind and contributed services	500,000	114,000	486,000
Investment Income	86,000	87,000	146,000
Fee for Service	127,000	-	2,000
Total revenue	776,000	225,000	797,000
Expenses			
Program services	969,000	607,000	1,660,000
Administration	48,000	111,000	68,000
Total expenses	1,017,000	718,000	1,728,000
Excess/(shortfall) of revenue over expense	(241,000)	(493,000)	(931,000)
Unrealized gain/(loss) on investment	155,000	219,000	(193,000)
Change in net assets	(86,000)	(274,000)	(1,124,000)

Revenue by Source



Program Expenses



Expenses by Category



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BALANCE SHEET

		2013	2012	2011
Assets				
Cash on hand		12,000	10,000	18,000
Interest receivable		9,000	16,000	16,000
Investments, at fair value		2,604,000	3,064,000	3,419,000
Other assets		925,000	-	-
	Total assets	3,550,000	3,090,000	3,453,000

Liabilities and equity				
Liabilities				
Accounts payable		4,000	1,000	-
Loans payable		500,000	-	-
Grants payable		129,000	241,000	240,000
Total liabilities	_	633,000	242,000	240,000
Equity	_			
Unrestricted		2,917,000	2,848,000	3,213,000
Total equity	_	2,917,000	2,848,000	3,213,000
	Total liabilities and equity	3,550,000	3,090,000	3,453,000



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Dr. Sheila JenkinsMember, Board of Directors



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Dr. Arup Roy-BurmanMember, Board of Directors



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Irakli Metreveli MD - President. JAMC Ron Newton CLS - Chief Technical Advisor Pete Roudney - Executive Coach Ziad Saba MD - Cardiologist, Children's Hospital Oakland Lee Schuller MT(ASCP)SBB - Blood Bank Advisor

2013 VOLUNTEERS

CROSS-SITE

Jim MacPherson Colin Partridge MD, MPH Hilary Worthen MD

BLOOD SAFETY ALLIANCES

Jim MacPherson

GEORGIA

Barbara Swanson MT(ASCP) Ruth Sylvester MT(ASCP)SBB, CLS Jill Trochinski Sharron Zimmerman MT(ASCP)SBB

HAITI

Nadia Baillargeon MT
Debra Breitenbecher MT(ASCP)
Tony Chang MD
Marie-Claire Chevrier
Elizabeth Donegan MD
Dustin Etchison
Leonce Jean-Baptiste
Peter Kite
Thomas Long
Benjamin Rioux-Massé, MD

HONDURAS

Alice Gruber RN Howard Gruber MD, FAAP Genevieve Handy NP Ella Harris
Cathy Hoffman RN, FAAN
Lindsay Lightbody
Mary Lynch RN, MPH, CPNP, FAAN
Arup Roy-Burman MD
Erica Sanders
Karen Sokal-Gutierrez MD, MPH
Carrie Tsai, DMD, MPH
Ling Zhan DDS, PhD

Local Staff

Karla Cerritos MD, Pediatrician Armando Sanchez MD, Anesthesiologist Enrique Tome MD, Surgeon

Attendings

Stephanie Doniger MD Diane Siegel MD Celeste Wiser MD

Residents

Heather Balch MD
German Echeverry MD
Sabrina Gmuca MD
Mark Henin MD
Marianna Karavolias MD
Esther Lee MD
Matthew Oelstrom MD
Mauricio Palau MD
Rachel Yoder MD

HEAL Interns

Jenna Bhimani Heather Farthing Amanda Osborn Alexandra Rivas

MOLDOVA

Olivia Burta MD Jean Purcelli MT(ASCP)SBB

UKRAINE

Linda Barnes Evan Bloch MD Bob Lalonde CLS, MT(ASCP) Casey Rouault MD Roger Svoboda MT(ASCP)SBB



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America's Blood Centers
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Christopher Gresens
Foundation for America's Blood
Center
Helmer Scientific

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Mary Marshall Ben Pecht

Jean Purcelli

Arup Roy-Burman & Sheila

Jenkins

Mulumbet C Teka Andrew Tenenbaum

Linda Ann Tran

Henk & Pietje Vreman Wahl Clipper Corporation

HONDURAS

Susan E. Griffis Alice and Howard Gruber Michael Scannella Roatán Ladies Fund

GEORGIA

Taleen Alexander
Blood Centers of the Pacific
BloodSource
Canadian Blood Services
Global Blood Fund
Haemonetics
Helmer Scientific
Memorial Blood Centers
David & Maria Waitrovich

HAITI

Blood Centers of the Pacific
Haas Industries, Inc.
Helmer Scientific
Immucor, Inc.
Izumi Foundation
NorthPoint Health & Wellness
Ontario Blood Service



BE PART OF A SUSTAINABLE SOLUTION. GIVE THE GIFT OF RELIABLE HEALTHCARE.

Global Healing aims for sustainable development of healthcare services, rather than short-term or emergency interventions. 100% of your contributions are tax deductible. Thanks to a generous donation, Global Healing is able to automatically apply 100% of contributions to program services, ensuring that all generosity most effectively touches the lives of others. With your support, we can continue to provide modern medical equipment, services and knowledge to doctors and patients that need it most.



Give Cash, Stock or Medical Equipment

There are several convenient ways to make an investment into our mission, including contributions of cash, stock and securities. We are periodically looking for new or gently used medical equiment with a 5+ year lifespan. A list of our most current needs can be found on our website.



Volunteer Your Time

Global Healing relies on the support of a diverse team of volunteers to execute our international health programs. Doctors, nurses, technologists, and other healthcare professionals are encouraged to share their expertise with their counterparts abroad. There are numerous opportunities to volunteer stateside in an administrative capacity. If you would like to volunteer, contact Vincent Lok, Program Manager, with your current CV at vince@globalhealing.org or visit our website for a list of open opportunities.

You can make a contribution of any kind or amount on our website, www.globalhealing.org. If you would like to speak with a representative regarding contributions, you may reach Global Healing at +1 (510) 898-1859 or by email at contact@globalhealing.org.



GLOBAL HEALING 2013 ANNUAL REPORT

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