

Interlink

POINTS OF INTEREST:

- IMAGING4CHANGE SHARES THEIR STORY OF HOW THEY GOT STARTED IN GLOBAL HEALTH INITIATIVES
- VOLUNTEERS NEEDED FOR EDUCATIONAL WORKSHOP IN TRINIDAD
- RESIDENT SUBCOMMITTEE HAS GLOBAL HEALTH IMAGING CURRICULUM PUBLISHED IN JACR

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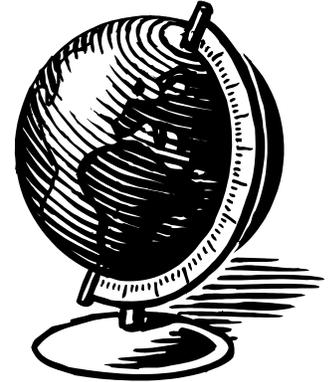
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ACR Foundation Launches Global Humanitarian Awards



The ACR Foundation Board has established the ACR Foundation Global Humanitarian Awards at its fall meeting. Individuals and organizations providing or increasing access to quality radiological services for patients in low- to middle-income countries and underserved areas of the United States are encouraged to apply for the awards. Award applicants may either be self-nominated or nominated by a peer. Awards may be given in one of three categories: (1) individual radiologist; (2) organizations (including non-profit and industry groups); and (3) non-radiologists (including medical physicists, radiologic technologists, ultrasonographers and other radiological personnel).

“The ACR Foundation’s involvement in international outreach has revealed a significant level of activity aimed at improving access to sustainable, quality radiological care in low- to middle-income countries. Additionally, there are a number of humanitarian programs aimed at expanding access to quality radiological care in the U.S. These awards recognize individuals and organizations for their humanitarian efforts while focusing attention on the ongoing need for radiological services around the globe,” said Douglas “Rusty” Brown, MD, chair of the American College of Radiology Foundation’s International Outreach Committee.

Award applications are due on December 31, 2014 and will be awarded at the ACR 2015 meeting May 17-21 in Washington, DC. Visit the [ACRF Global Humanitarian webpage](#) for more information on the goals of the program, categories, application information and FAQs.

2014-2015 Goldberg-Reeder Travel Grant Recipients

The ACRF International Outreach Committee is happy to announce the recipients of the 2014-2015 Goldberg-Reeder Resident Travel Grants:

- **Julie Greenwalt, M.D.**
Centro Nacional de Radioterapia - Managua, Nicaragua
- **Sahil Mehta, M.D.**
Scottish Livingston Hospital - Molepole, Botswana
- **Kareem Rahbar, M.D.**
Mbarara University of Science of Technology - Mbarara, Uganda
- **Karan Shah, M.D.**
The Gujarat Cancer and Research Institute - Ahmedabad, India



Congratulations to the winners! We wish them all safe travels and look forward to sharing their experiences when they return. Visit <http://bit.ly/ACRFRG> to view past recipients, read about their work abroad, and to see updates from this year’s winners.

Imaging4Change Seeks to Improve Radiological Care Abroad



Bill Crenshaw, MD with his wife CeCe and daughter Eliza outside the mobile CT trailer at Bernard Mevs Hospital.

In 2014, Imaging4Change became an official non-profit organization directly assisting radiology in impoverished and developing countries. Over the past four and half years, Imaging4Change founders have worked with the ACR Foundation and other organizations to directly assist radiological care in Haiti. Long-term radiologist volunteers Bill Crenshaw, M.D. (Overlake Imaging Associates, Bellevue, WA), Ankur Parikh, M.D. (Hofstra North Shore-LIJ Health System, NY) and Stephen Zivin, M.D. (Northwest Radiology Associates, Arlington Heights, IL) have been involved in improving radiological care at Hospital Bernard Mevs (HBM) in Port-au-Prince as well as

working directly with the newly established radiology residency program at the University Hospital. We caught up with these volunteers and C.C. Crenshaw (wife, fundraiser and logistics/finance director to ongoing activities in Haiti) to learn more about their new organization and to their commitment to improving radiological care abroad.

What is Imaging4Change and what is its mission?

Imaging4Change is a not-for-profit consultancy available to assist radiology departments in developing countries by providing medical imaging expertise, education and/or technology. Currently, our work is centered at HBM in Port-au-Prince, Haiti. We have helped build a program from scratch to include digital x-ray, ultrasound, CT and PACS within a sustainable model. We run the daily clinical CT service at HBM as well as provide the only source of CT education for the radiology residents training at the University Hospital. In addition, we recently graduated the first radiology technologist certificate program in the country.

Describe your first experience in Haiti—what was it like and why did you choose to volunteer there?

C.C. Crenshaw notes “my older sister, Ann, has worked and lived in Haiti for almost 30 years. She originally went to Haiti with USAID, but soon joined

a Haitian import/export company. As a result, when the earthquake hit I wanted to help.

Given that I do not work in the medical world, it was difficult to join an aid group in early 2010. Project Medishare allowed me to go with Bill to work in logistics.

Upon arrival in April, just three months after the quake, we lived at the tent hospital based at the devastated Port-au-Prince airport.

I was put in charge of logistics which encompassed a wide variety of jobs: running communications within the sprawling tent hospital, generating basic hospital patient forms, helping the 120 volunteers as well as working with social workers, translators and families. In addition, one of my job responsibilities was handling the disposition of all the dead bodies. The experience was exhilarating, exhausting and shocking. One of the most powerful outcomes was the pure camaraderie of all the volunteers. Each volunteer helped with anything and everything that was needed whether it was in their ‘job description’ at home or not. There was no hierarchy, just a willingness to pitch in. Due to the impact of this initial week, Bill and I both became committed to Haiti and Project Medishare. We returned in October by which time the tent hospital had been moved to its current location at Hospital Bernard Mevs.”

I understand you have been directly assisting the radiology residency program in Haiti? What are you doing and what has that experience been like?

Dr. Parikh reflected on their involvement with the new radiology residency program in Port-au-Prince. “We have been working with the residents at University Hospital (HUEH), the only Radiology Residency program in Haiti, for over a year now. In



Bill Crenshaw, MD (left) shows Haitian President, Michel Martelly (front right) and Wyclef Jean (back right), donor, the CT Scanner at Hospital Bernard Mevs.



Rad techs in training along with their instructors at Hospital Bernard Mevs.

the beginning we were supplementing their education, which in Haiti, primarily consists of plain film, fluoroscopic and ultrasound interpretation, with an introduction to basic cross sectional anatomy and systems-based learning modules. Both through direct visits and via a distance learning format that we have been developing, we began our program by teaching the residents about CT of the brain. As our involvement in the program grew stronger, we began to communicate on a weekly basis, sometimes even a few times a week. Over time, we have incorporated the CT studies that we perform at HBM into the education program, so that the Haitian residents are able to preliminarily interpret real life studies which pertain to the pathology they will be faced with in their future careers. This has operated, in a sense, much like training programs here function, with residents issuing preliminary reports with real time feedback from attending staff on short turnaround. We have seen, over the year, the residents grow from essentially a blank slate, never having read CT before, to dictating US resident caliber reports. This, in the face of obstacles that include English being a second language, and the geographic and technological distance challenges we encounter. It has not been easy and for their initiative and vision towards the future, the young residents deserve much of the credit. Our hope, with an endeavor like this, is to reach beyond training competent radiologists, but instead to inspire local leadership and guidance towards developing self-sustainable infrastructure."

What advice would you give someone seeking to volunteer in radiology in a developing country?

You should expect to gain more from the experience than the people you are trying to help. I am not trying to be discouraging. It is just very hard to make a sustainable impact in a short period of time. If you are thinking of volunteering, definitely do it. Use your initial volunteering experience to think about how you can best make an impact in the long-term.

Where do you see Imaging4Change 5-10 years from now?

It is difficult to predict the path of radiology over the next five to ten years in Haiti, let alone in the United States. Radiology is, and always has been a field of rapidly growing technological advances, ones that, in a nation such as Haiti, can be overwhelming in the face of still developing infrastructure. What good is advancing technology and local expertise without the basic needs that go hand in hand. This is where the questions arise. Will increasing diagnoses lead to increased treatment locally and abroad? Will necessary and recommended follow up become more consistent? As cross-sectional imaging becomes more commonplace what kind of payment situation will arise, both from a patient and Haitian physician perspective? Can local and multiple international organizations build a cooperative effort towards building a foundation that can sustain unpredictable challenges that can be environmental, technological or political in origin? Can we begin to find a balance between and visualize a transition from a co-dependent commitment to one in which the Haitians are more independent? These and many other questions are unlikely to be fully answered in the next five to ten years, but for all of us who are involved there, are essential to keep in our minds so that we are responsible in our approach going forward.

For more information about Imaging4Change contact Stephen Zivin, MD at stephenzivin@yahoo.com.



Stephen Zivin, MD and Ankur Parikh, MD with some of the radiology residents from the University Hospital.

Jerry McMonagle —Dedicated Technologist, Husband, Father and Volunteer



Jerry (center) at dinner with the ACRF Haiti Team at Radiology Education Days in March 2014.

We all know the diagnostic aspect of radiology functions from behind the curtains, off stage, creating stories of images, discussing findings with colleagues and referring clinicians.

Out in front, in most groups and hospitals alike, it is the technologists that patients interact with. In many ways they form the

face representing what we all do as a team. The explanation. The comfort.

In most practices and academic centers there are countless technologists that compose this face but in Haiti, at Hospital Bernard Mevs, before this organization, Imaging4Change, even existed, there was only one technologist, one face, Gerald McMonagle. Who we knew as Jerry.

I would say that all people have a characteristic or two that is memorable, that stands out, even from a distance. When I arrived at the airport in Haiti this past February I sat on my bag at the exit waiting for Jerry to pick me up. It had been almost a year since I had last visited and I wondered if I would immediately recognize him amongst the crowd. Haitian time works differently than time here in the States and as I waited, and the others dissipated, I began to grow worried that maybe I had been forgotten. It was just moments later I saw him walking down the path towards me, recognizing him instantaneously, dark large sunglasses, the slow limping gait that years of ice hockey left him with, a smile that all of us who spent time at Bernard Mevs will never forget.

As we embraced I laughed with relief, half-joking, "I thought you forgot me."

To which he removed his sunglasses, smiled again and replied, "No way brother, just wanted to make an entrance."

To add another thing none of us will forget. He called all of us brother.

We regretfully lost Jerry on September 6, 2014. Though I write it here, it does not need to be said, it was far too early. Over the years he helped build the foundation upon which we are creating this organization today. Countless CT repairs, Haitian CT technologist training, and availability at all times of day to provide information and follow up as needed. Given the extensive barriers that distance, cultural/language barriers and developing infrastructure undoubtedly create, his enduring positive energy and enthusiasm cannot be understated.

Jerry leaves his wife, Lisa, and three beautiful children behind, all of whom I had the pleasure of meeting that day, after the airport, in the van he arrived in.

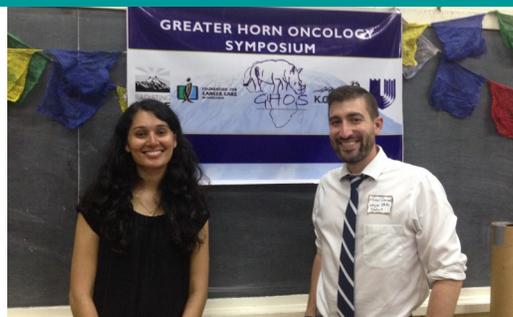
We will all miss Jerry very much.

-Ankur Parikh, MD
Imaging4Change

RFS International Outreach Subcommittee Updates

>>> Blog

The RFS International Outreach Subcommittee started a blog to facilitate discussion on issues involving radiology outreach in developing countries. The blog is a place for residents to ask questions, add experiences, respond to inquiries, develop program initiatives and ideas to share. Check it out and share your experiences: <http://acrsioc.blogspot.com/>.



Mike Dominello, MD, member of the RFS subcommittee, shared his experience traveling to Tanzania and Malawi in the sub-committee blog. He attended the Greater Horn Oncology Symposium (top) in Moshi, Tanzania and volunteered at Zomba Central Hospital in Malawi. While in Tanzania he climbed Mount Kilimanjaro (bottom) to raise money with Radiating Hope, a non-profit working with radiation oncology.

>>> Global Checklist

Members of the RFS International Outreach Subcommittee pooled together their travel considerations for reference for fellow residents. The committee hopes that residents can use the checklist as a starting point for customization and for fellow residents to maximize the value of their international radiology experience. The checklist is available on the subcommittee's website: <http://bit.ly/SIOCGlCh>.



>>> Global Health Imaging Curriculum

The recent change in the American Board of Radiology (ABR) exam schedule affords new elective and selective opportunities during the fourth year of radiology residency. Accordingly, the Accreditation Council for Graduate Medical Education (ACGME) recently established Guidelines for International Rotations in Diagnostic Radiology that outline basic requirements for brief international clinical and/or research electives in the fourth year of radiology training. Simultaneously, recent trainee interest in international outreach has grown significantly. Thus, it is timely to establish a global health curriculum for radiology residents that will provide a pathway for imaging-related trainees to develop, implement, and participate in effective and sustainable global radiology projects.

To this point no widely available, practical recommendations have existed for radiology residents or residency programs interested in establishing international imaging outreach opportunities. Moreover, individual radiology residency programs vary widely in size, interest and resources. Therefore, the ACR Resident and Fellow Section International Outreach Subcommittee's aim is to present a reproducible outline for the implementation of a global health imaging curriculum in radiology training programs. We have provided basic guidelines for sophisticated, multi-tiered international outreach curriculum development for radiology trainees.

We anticipate that these guidelines will allow the flexibility required to apply to varied educational environments, engender a unique desire for scholarship and service, advance the standard of global health care, and train future international leaders. We hope this manuscript will not only help individuals and programs aiming to establish a global imaging outreach curriculum but will also encourage broader discussions about the creation of supplementary educational resources and the overall role of radiology in global health. The article was published in the October issue of the Journal of the American College of Radiology (JACR). To read the full article [click here](#).

To learn more about the RFS International Outreach Subcommittee visit their website:

<http://bit.ly/RFSSIOC>

News & Announcements

Volunteers Needed for Educational Workshop in Trinidad

Two volunteers are needed for an educational workshop December 6-7, 2014 in Trinidad. The Pan American Health Organization (PAHO) along with Trinidad health authorities have been hosting a series of webinars focused on vascular sonography and CT. The volunteers (one specializing in CT the other in vascular ultrasound) will provide hands-on training to attendees at a follow-up workshop in Trinidad. Hospitals include modern radiology equipment including CT and ultrasound machines. Volunteers will be responsible for their own travel and lodging expenses. If you are interested in volunteering or have more questions please contact Lauren Alfero at lalfero@acr.org or (800) 227-5463 x4956.

Portable Ultrasound Needed

Hôpital Saint Damien/NPFS, a pediatric hospital located in Port-au-Prince, Haiti is looking for a new or used (in good condition) portable ultrasound machine for its high-risk prenatal care clinic. The machine does not need to be new but should include appropriate transducers to do a broad range of scanning. For further information, please contact Dr. Marie Lina Excellent at ml.excellent@gmail.com.

International Volunteers Raise Your Hands!

If you are volunteering in Haiti or other parts of the developing world, we would like to hear from you. The ACR Foundation International Outreach Program seeks to find ways to facilitate volunteerism, donations and collaborative projects. In 2013, the ACR Foundation launched the [International Facility Profiles](#) to provide potential volunteers, donors and organizations with access to facilities in the developing world. If you have volunteered, we would like you to fill out a [Facility Needs Assessment Survey](#). The survey provides the basis for the information contained in the International Facility Profiles.

In addition, the ACR Foundation is interested in making sure volunteers are coordinating their efforts where possible. If you have been a long-term volunteer in a developing country, please contact Brad Short at bshort@acr.org or Lauren Alfero at lalfero@acr.org to ensure you are included in our network.

2014-2015

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Need an announcement made?
Want to share your experience?

Let us know! Announcements are a great way to get the word out about your program or need for donations. We'd also love to hear about your experience volunteering and may share it in a future edition of *Interlink*. Email Lauren at lalfero@acr.org with your announcement or story.



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