Welcome! Thank you for reading the inaugural 2010 GHOPE newsletter. GHOPE stands for Global Health Organization of Pediatrics at Emory. It represents a group of residents, fellows, medical students, and faculty dedicated to increasing awareness of global health topics, supporting resident initiatives to address global health issues, and identifying both local and international opportunities for global health training. Collectively, GHOPE members have interests that span academic research, clinical education, advocacy, public health, and clinical work both in underserved local communities and international sites.

At present, GHOPE has supported the very successful integration of a global health curriculum into core resident lectures. Taught by a multidisciplinary group of Emory faculty, guest speakers, and public health professionals, the curriculum includes lecture topics about malnutrition, HIV, diarrheal diseases, disaster response, and what it means to be healthy in a global context. GHOPE is also working to establish a Saturday clinic at the International Community School, an elementary school in Atlanta which serves refugee children from more than 40 countries with limited access to health care. Over the course of the year, we will have journal clubs, host Global Health Week in the spring, present a global health themed Grand Rounds, and have two documentary viewings. We hope to establish an international clinic site before the upcoming academic year.

GHOPE’s mission is centered around the ultimate goal of improving pediatric health outcomes in resource-poor settings by facilitating access to sustainable community-driven medical and public health services. Emory Pediatrics is surrounded by a wealth of opportunity and resources in the Atlanta, including the Rollins School of Public Health, CDC, Global Health Institute, CARE, and Carter Center, which are all devoted to making a sustainable impact on the health of the world’s children. We hope you enjoy the newsletter, and stay tuned for more!
According to the WHO, one-sixth of the world’s population suffers from one or more neglected tropical diseases. UNICEF records that over 195 million children are stunted while 129 million are underweight. We at GHOPE believe that these numbers should not only be significant to those interested in global health, but to all training pediatricians. The purpose of the Global Child Health Lecture Series is to integrate key components of global health education into resident core curriculum. This ensures that residents will not leave their training without understanding the leading causes of childhood morbidity and mortality worldwide as well as a host of other issues. With Atlanta having a diverse international population and Dekalb County having one of the largest refugee populations in the US, learning about global health is directly related to the care provided by our residents. The lecture series covers a wide array of topics (See Figure 1) from Immigrant/Refugee Health to Sustainable International Medical Projects to Social and Cultural Determinants of Health.

We are only a third of the way through the Global Child Health Lecture Series for this academic year. But already we have seen amazing results, with the presenters receiving an average rating of 4.8 out of 5 on six indicators. Throughout these lectures, we are piloting an innovative method for evaluating the residents as well as the lecture by using an Audience Response System (ARS). Audience members are given a remote controller that enables them to answer multiple-choice questions posed by the lecturer.

The pre & post-test answer distribution can be shown to everyone, and thus quantify how much the audience learned during a specific talk. In the lectures so far, we have seen a significant increase in the percentage of correct answers in the post-test compared to the pre-test. Figure 2 demonstrates that everyone nearly doubles in the amount of correct answers from the pre to the post-test with the net increase of correct answers at 36% (37% among medical students and 43% among residents).

Another goal of the Lecture Series is to introduce students and residents to faculty working in Global Health not only in the Department of Pediatrics, but also to experts from the CDC, Emory Rollins School of Public Health, and other institutions and universities. This type of learning environment creates a springboard for future collaboration among participants. We look forward to the rest of our talks in the Global Child Health Lecture Series this year, and we hope to see you there!
Global Health Institute (GHI) at Emory University

The Emory Global Health Institute is a university-wide initiative whose mission is to advance Emory University's efforts to improve health around the world. The Institute achieves its mission by supporting Emory faculty and students in their work to find solutions to critical global health problems, with an emphasis on those that disproportionately affect people living in low- and middle-income countries. The Institute supports Emory faculty by providing seed funding to launch global health programs and by leveraging global health relationships and partnerships to support their programs. The Institute supports Emory students from across the campus by providing them with innovative global learning programs such as the Emory Global Health Case Competition, the Global Health Institute Fields Scholars Program, and the Global Health Student Photography Contest.

Upcoming Events

Exploring Global Health Collaborations between Emory University and the Human Sciences Research Council
2011 Working Across Cultures Workshop
Emory Global Health Institute Field Scholars Awards Program
2011 Emory Global Health Case Competition
China/US Health Conference

November 20, 2010
Spring 2011
March 4, 2011
March 19, 2011
April 10-12, 2012

2010 GHI Photography Contest Winners

Floating Islands of Uros, Lago Titicaca, Peru - Becky Tsang, Rollins School of Public Health

For More Information about the Global Health Institute at Emory University, Please visit: www.globalhealth.emory.edu
Meet a Few of Our Pediatric Global Health Faculty

Julie Gutman, MD—Instructor of Pediatric Infectious Diseases

- **Dr. Gutman’s major interest is in global health, with a specific focus on child and maternal health. Her research has focused on the epidemiology and treatment of neglected tropical diseases, focusing on schistosomiasis, intestinal helminths, and malaria. She is currently working on studies of the treatment of malaria in children and pregnant women.**

- **Selected Publications:**

Andi Shane, MD, MPH—Assistant Professor of Pediatric Infectious Diseases

- **Dr. Shane’s major interest is understanding the science and epidemiology of international emerging infections, infectious disease prevention and control and surveillance with an emphasis on the treatment and prevention of enteric infections. A secondary focus is the development of a clinical elective in a resource poor setting for pediatric infectious disease fellows and pediatric residents.**

- **Selected Publications**

Parmi Suchdev, MD, MPH—Assistant Professor of Pediatrics, Medical Epidemiologist

- **Dr. Suchdev’s research interests are in micronutrient malnutrition. He has been the principal investigator of an internationally acclaimed study assessing the effectiveness of micronutrient "Sprinkles" in Western Kenya since 2006 ([http://www.cdc.gov/immpact/projects/country/kenya.html](http://www.cdc.gov/immpact/projects/country/kenya.html)). He is also interested in global health education and is working to develop a sustainable global health curriculum for Pediatrics residents.**

- **Selected Publications**
The Future of Global Health at Emory Pediatrics

There is a high demand for global health training among U.S. health professionals. Given the well-documented educational benefits and the need to solve issues of health disparities around the world, increased resources for global health training are urgently needed. Although over half of U.S. pediatric residency programs already have global health opportunities for their residents, only 6% have formal global health curriculums or tracks.

The top children’s hospitals have global health tracks; in fact, 5 out of the 8 top children’s hospitals have formal global health programs, which are essential for attracting the best residents.

With the breadth of resources available at Emory and Children’s, we have an opportunity to be a leader among training institutions by introducing an innovative curriculum in global child health that bridges the divide between clinical medicine and public health.

In 2010, Emory Department of Pediatrics (DOP) implemented the Global Child Health Lecture Series with the goal of ensuring that all pediatric residents would receive an introduction to global child health, including principles of public health, advocacy, and clinical care of children in underserved communities both at home and around the world.

In addition, a “local” global health experience is being created at the Atlanta International Community School to conduct a nutritional needs assessment and set up a monthly health clinic. Between 3 to 5 incoming interns will be selected for the global health track, starting in 2011-2012.

The benefits that will come from this initiative are tremendous and will come at a low cost.

This program will position Emory to attract a new subset of highly motivated and talented pediatric residents who will help build the program and propel graduates into leadership positions in global child health.
A Medical Student's Perspective

A Personal Narrative from Elizabeth Suedo, MD/MPH Candidate c/o 2012

The day I returned from my first global health expedition, I hung a small magenta and yellow fish from the rearview mirror of my car. Hand woven from bamboo and purchased for a dollar from a young Cambodian child, it is a small, daily reminder of why I do medicine. Bleary-eyed 4:00 am am drives to the hospital are brightened by the little fish, swaying to the rhythm of the road—a reminder of the joy and passion I felt during that first taste of global health work.

I purchased this fish on my first trip to Southeast Asia, one of several I have undertaken while a student at Emory University School of Medicine. After hearing a talk by David Batstone, the founder of modern day abolitionist group “Not for Sale”, a group of my classmates and I founded the organization “Emory Health Against Human Trafficking”. We first traveled to Thailand in 2008 to work with a population of children rescued from human and sexual trafficking. In addition to providing medical care for the 60+ children who lived at the rescue site in Chiang Saen, our group performed a needs assessment to determine changes that could be implemented to improve the health of the individual child and the health of the community. We also had the unique opportunity to set up a clinic on the border of Thailand and Myanmar. Working in the border clinic was a veritable “highlights reel” of tropical medicine: a 6-year old with a classic presentation of malaria, a 3-year old with long-lasting sequelae from Japanese encephalitis, a 26-year old opium-addicted mother in need of antibiotics, a 16-year old Burmese boy who swam across the Mae Sai River to be treated for a staph infection, brothers both paralyzed by polio.

I was privileged to travel to Chiang Saen again the following summer—seeing the changes that had been made at the site and the dramatically improved health of the children was an incredibly important moment for me as an aspiring global health practitioner. I saw firsthand how small interventions can effect huge change in the health of a community.

As I complete my medical degree, I am grateful for the opportunities to engage in global medicine. Global health organizations in medical school and residency can have a tremendous impact on the career trajectory of their members. I’ve been inspired to pursue a Masters’ degree in public health, with a concentration in global health, where I am learning how to best use restricted resources to address global health issues and improve the health of neglected populations. Working on an international level has given me invaluable perspective and experience, and above all, reminded me of the unlimited potential of medicine.

Do you know your Parasites?

Question:
What parasite turns urine raven black, hence the name of the very fitting disease it causes?

Answer: See next issue, Spring 2011

Enter in the GHOPE Essay Contest!

Win a $40 gift card for Starbucks!

Instructions:
Open to all Students, Residents, and Fellows. Please write a personal narrative about a pediatric global health experience that you feel has changed the path of your career. Essays can include a photo and/or be about a photo. Keep essays no more than 475 words please. Email narratives to Ankoor Shah at ayshah@emory.edu by 12:00AM, March 1st, 2011. Winning essay will be published in spring issue.