

# Boonshoft School of Medicine International Education Annual Report 2012-2013

Submitted by Katherine Cauley, September, 2013

This Annual Report of International Education at the Wright State University Boonshoft School of Medicine (WSU/BSOM) spans an academic year and includes: a summary of student educational, research and professional activity primarily for the entering and graduating classes in a given academic year; faculty educational, research and professional activity; and activities that involve WSU/BSOM serving as a host to international visitors. The report is intended to be a summary of activities school-wide in order to highlight the increasing involvement of WSU/BSOM students and faculty in international activities. Support for the activities reviewed below comes from a variety of sources including individual students and faculty supporting their own work, department and school level support, and external grants and contracts supporting student and faculty activity.

## **Student Educational, Research and Professional Activity**

### Class of 2016

During their first year of medical school sixty-two students from the class of 2016 enrolled in the first year elective, Health Care in Developing Countries (HCDC), or demonstrated equivalent experience. Of these sixty-two students, forty-six completed international electives in the summer between their MS1 and MS2 years, traveling to Belize, Bolivia, Costa Rica, Ghana, Guatemala, India, Jamaica, New Mexico, Oman, Peru, and Rwanda. All students participated in pre-trip orientation and post-trip evaluation meetings in their country groups.

### Class of 2015

Students in their second year of medical school assume leadership responsibilities for the student organization, Global Health Initiative (GHI). In addition to assisting first year students with international elective planning and coordination, and advising faculty on the classroom based curriculum, GHI leadership facilitates the annual GHI Symposium. The GHI Symposium serves as both an educational function, typically bringing in nationally known speakers, and a fundraising function, raising money for scholarships to support international student activities. This year the GHI Symposium featured Chuck Dietzen, M.D., President and Founder, Timmy Global Health, and raised \$3,647 dollars for scholarships.

Michael Dressing attended the Doctors for Global Health conference in Berkeley, California.

### Class of 2014

Shaina Hecht Kyle Davis, attended the International World Federation of Hemophilia 2012 World Congress in Paris France.

### Class of 2013

During their first year of medical school sixty students from the Class of 2013 enrolled or demonstrated equivalent experience in the course, Health Care in Developing Countries, SMD 612. This course serves as a pre-requisite for receiving academic credit for future international electives, and as the first of four requirements to complete the International Health Program track (IHP). Of these sixty students, forty-two completed international electives of a minimum of two weeks in duration in the summer between their M1 and M2 years, traveling to Bolivia, Costa Rica, Israel, Jamaica, Nicaragua, Nigeria, Paraguay, Swaziland, Sweden and Harlingen Texas. These international electives served as the second of four requirements to complete the IHP.

During their second year of medical school twenty-nine students from the Class of 2013 enrolled in the course Health Care in the Global Community, SMD 614, which serves as the third of four requirements to complete the IHP.

In their fourth year of medical school twenty-one students from the class of 2013 completed month long international electives, which serves as the fourth requirement to complete the IHP. Additionally, five students from the class of 2013 who were not in the IHP track, completed month long international electives. Please see Table 1 for country destination and worksite details for fourth year international electives.

Table 1: Class of 2013 Fourth Year International Electives

Country	Specific Work Settings
Bolivia	Buena Vista Hospital and Centro Medico Humberto Parra Clinic in Santa Cruz
Dominican Republic	Makarios International Education Development at Primary Care Clinic in Montellano
Gabon	Christian and Medical Alliance Bongolo Hospital in LeBamba
Ghana	University of Ghana Medical School in Accra
Greece	University of Crete Heraklion
Guatemala	Clinica Pop Wuj in Quetzaltenango Clinica Salvatore in El Cotijo, Buen Samaritano Hospital in Masagua Chichicastenango, and neighboring villages of Maria Matos and Chicacao
Israel	Medical School for International Health Outpatient Clinic in Be'er Sheva
Japan	Nagoya University Hospital/Nagoya University School of Medicine in Nagoya
Kenya	CDC Hubert Fellowship: Selection of Patient Specimens for Pathogen Detection/Discovery from Outbreaks Research in Nairobi

South Africa	Catholic Family Health International at Victoria Hospital, Provincial Health Department and University of Cape Town in Cape Town
Swaziland	The Luke Commission and Raleigh Fitkin Hospital in Manzini
Tanzania	Work the World Mt. Meru Regional Hospital and Engaruka Dispensary in Arusha
Uganda	Gulu University Faculty of Medicine at St. Mary's Hospital Lacor in Gulu
Zambia	Mwami Adventist Hospital in Lusaka

The sixty students enrolled in the HCDG course represented 57% of the incoming class of 2013 (n=106), while the twenty-one students who completed the IHP track represented 29% of the graduating class of 2013. This is typical of previous years where on average two thirds of those who enroll in the HCDC course go on to complete B1 international electives, and about half of those students complete the IHP track including their fourth year month long international elective.

### **Masters in Public Health Students**

MPH students are required to complete both a clinical experience called Practice Placement and a capstone scholarly project called the Culminating Experience. Each year several MPH students complete one or both of these requirements abroad.

Robert Eick 2012-2013

Matias Iberico 2012-2013

Chris North 2012-2013 check to see if spring or fall graduation—if fall, count, if spring do not

### **Faculty Educational, Research and Professional Activity**

Kate Cauley, PhD, traveled to Durban, South Africa accompanying the Wright State University (WSU) Ambassador Program to South Africa, *Wright Lead*. While in Durban, Dr. Cauley met with Professor Richard Hift, Dean, School of Clinical Medicine at the University of Kwazulu Natal. During her meeting she laid the ground work for future collaboration between the Boonshoft School of Medicine (BSOM) at WSU and the School of Clinical Medicine at the University of Kwazulu Natal.

Jan Duke, MD, accompanied fourth year medical students to Bolivia through the course, International Women's Health, WOH 813, which involves students in the day to day operations of the Buena Vista Hospital Clinic.

Tom Herchline, MD, accompanied first year medical students to Jamaica through the courses, MED 604 and MED 605 to provide rural health clinics in association with the Jamaican Ministry of Health and

American Caribbean Experience. Additionally, Dr. Herchline traveled to Honduras with Global Brigade and to Bolivia with WOH 813.

Tom Hangartner, PhD, developed a service learning elective which took biomedical engineering students to Malawi where they designed and established an x-ray facility for a local clinic. Mary White, PhD, provided pre and post trip review for students.

Nikki Rogers, PhD, serves as a member of the Board of Trustees for the Kossoye Development Project in Ethiopia.

Dean Parmalee, MD continued curricular consultation with Qaboos University Medical School in Oman. A formal partnership was established for medical student exchange opportunities.

Cristina Redko, PhD, received a \$13,000 grant from the BSOM Seed Grant initiative to support the project, *Assessing Quality of Life among Somali Refugees* which involved adapting, translating and validating with a population of Somali refugees living in Columbus, the 26-question version of the World Health Organization Quality Of Life instrument (WHOQOL-BREF) to the Somali language. The WHOQOL-BREF measures a person's physical health, psychological health, social relationships, and environment.

Harry Vanderwal, MD, BSOM Class of 2002, in residence in Manzini, Swaziland, served as preceptor for the B1 courses, Boonshoft School of Medicine Rural Swazi Experience, MED 607 and MED 608, which places first year students in rural clinics, and for the B2 course, Rural Swaziland Experience, MED 874 with a focus on HIV prevention and treatment for fourth year students.

Mary White, PhD, completed a study with a colleague from the University of Gondar in Ethiopia, which she has documented in an article titled, Administrative Needs of Academic Partnerships at One Ethiopian University: A Pilot Study, submitted to the Ethiopian Medical Journal. Additional work includes an article in press, White, MT and Evert, JE (in press) Developing Ethical Awareness in Global Health: Four Cases for Medical Educators. *Developing World Bioethics*. Dr. White serves as a member of the Board of Trustees for the Kossoye Development Project in Ethiopia.

### **International Visitors to BSOM**

In March, 2013, Edna Aden, Nurse-Midwife and Hospital founder and Chief Executive in Somaliland, visited WSU for a day. During her visit she met with faculty from the University Center for International Education, the College of Nursing and Health and the Master's in Public Health (MPH) Program. Her time at WSU was facilitated through MPH student Tom Kraemer and resulted in an ongoing collaboration with the MPH program's Global Health concentration.

In May, 2013, through the WSU University Center of International Education, the Center for Healthy Communities in the Department of Community Health served as host for a delegation of health professionals from the Gulf States. Identified through the International Visitor Leadership Program, a branch of the Bureau of Educational and Cultural Affairs of the US Department of State, health professionals from Kuwait, Saudi Arabia and the United Arab Emirates came to the US to explore: the interaction of health management strategies between state and local levels; efforts to protect citizens

from preventable, serious health threats by promoting wellness programs, disease prevention activities, and preventative health care services; best practices in community research as well as public health program evaluation and assessment; and an exchange of ideas with officials from key agencies and health organizations. Representing the WSU BSOM were Drs. Bowman, Cauley, and Chumlea, Kimberly Conner, Carla Lachecki, and Dionne Simmons.