Scott Owens, New EM Global Health Fellow

Scott Owen’s fellowship will begin on August 1, 2017. He will be in Seattle on July 26th for orientation. If you would like to meet with him, introduce yourself or connect with him while he is here for the night/day, contact Kasey Kingham to arrange a meeting.

Jodie Totten, Current EM Global Health Fellow

Fellow Jodie Totten joined faculty member Sachita Shah to attend the CUGH (Consortium of Universities in Global Health) conference in DC in early April. The focus of the conference was planetary health including a large focus on climate change. Jodie has chosen climate effects on health for the focus of her Master’s thesis. Also there were several members of the Department of Global Health, and former residents Hayes Wong (current global health fellow at Colombia) and Ryan Ernst.

• EM Global Health Fellowship Update
• Recent Publications by Faculty
• News/Updates for the Department
• Upcoming and Recent Events
• Recent Global Health experiences
Recent Publications by Faculty and Residents


National Presentations:


Presentation: "SAEM’s Got Talent", SAEM17 Education Summit - Social Media

Project Title: A Twitter-Based Global Health Curriculum for Emergency Medicine Residents

Authors: Alison Hayward, MD; David Murphy, MD; Tanja Zlatkovic Zanin, MD, DTM&H; Jason Murphy, MD; Sachita Shah, MD.

Mentor: Sachita Shah

It can be a challenge to find time to pursue global health amidst the demands of clinical work and studying, but social media provides an avenue to weave longitudinal global health training throughout residency. Myself and Sachita Shah are working with a multi-institutional collaborative team to assemble a Twitter-based global health curriculum that anyone can follow from any location with access to the internet. Our curriculum consists of global health educational ‘pearls’ and a Q&A format to engage followers. We are now set to launch, and invite you to join us on Twitter at @globalfoamed.

News/Updates

We are very happy to announce that the new, improved and fully functioning website is now live. Please visit www.em.uw.org. You will see that under the Education header is a Global Health Section and a separate section for the EM Global Health Fellowship under the Fellowship header.

Feel free to send any updates, edits or additions that you would like to include on these webpages to Kasey Kingham at kkingham@uw.edu.

Vietnam- Kyle Tiemeier’s trip in February/March 2017
Recent Events

March

March 8, 2017 - UW William H. Foege Building
Film Screening - “Exposed: The race against tuberculosis”
hosted by Partners In Health Engage Seattle

April

April 12, 2017 - UW EM Global Health Track Sponsored
Speaker Series
Dr Heather Hammerstedt, executive director and
cofounder of GECC global emergency care collaborative,
presented an evening dinner lecture for the global health
pathway residents and faculty in early April at the home of Dr
Shah. She described balancing a busy career in private
practice as an EM physician partner with CEP in Idaho, as well
as her work internationally and being a mother of two active
boys. GECC’s connection to UW has a long history: both
Sachita Shah and Stephen Morris have worked clinically with
GECC in Uganda, Kyle T was program manager at the same
site and Jodie Totten worked there as a medical student. Dr.
Hammerstedt’s visit was enjoyed by all and provided inspiration
that ideas generated during residency can transform into
NGOs helping thousands of patients annually. GECC hopes to
serve as a host site for UW residents wishing to spend time in
Uganda on clinical electives.

April 18, 2017 - Journal Club
Elizabeth Wolpaw and Andrew Lim presented two
articles for GH pathway residents and faculty for journal club in
April. Topics for discussion were the FEAST trial, a
randomized, controlled trial showing deleterious effects of IV
fluids in children in East Africa, and a review article discussing
the barriers to uptake and implementation of known effective
health care interventions in the global arena.

The above photos are from the Global Health Journal Club meeting on 4/18/2017.
**May**

**May 8, 2017** - A Discussion on Planetary Health with Dean Ann Kurth
Center for Global Health Nursing as we welcome Ann Kurth, Dean and Linda Koch Lorimer Professor of Nursing of Yale University School of Nursing, for her talk on Planetary Health
3:30pm at Alder Auditorium
1310 NE 40th St.
Seattle, WA 98105
Entrance on NE 40th st. between Brooklyn Ave NE and University Way NE

**May 8-12th, 2017** - Global Health Career Week
Several events through the Department of Global Health
https://globalhealth.washington.edu/events?trumbaEmbed=view%3Devent%26eventid%3D123314564

**May 10, 2017 12:00-1:00pm** - Closing Gaps in HIV and Cervical Cancer Prevention: Priorities for Kenya (Dr. Nelly Mugo, Kenya Medical Research Institute)
NJB 1360- 325 Ninth Ave. Seattle

**May 15, 2017 at 7:00-8:15pm** - The Syrian Genocide: Dr. Zaher Sahloul Reports from the Field
Student Union Building HUB (4001 E. Stevens Way NE Seattle)

**May 17, 2017 at 4pm** - Fellow Journal Club
Jodie and the GEMRH fellowship will host a skype based journal club of two articles related to Climate Change and effects on health in the Arctic on 5/17. More details to come - please RSVP to Kasey if you can join!

**June**

**June 5th 9am-4pm** - Room T747- Please join the faculty of the Dept of Global Health and School of Public Health for the GH related spring thesis presentations. Great opportunity to hear more about all the great work being done by our greater UW Global health community. Contact: Nour Shoura (noura15@uw.edu) as the event is closer for details on exact titles of the presentations, but they are throughout the day.

**August-September**

**August 28 - September 1, 2017 & September 5-8, 2017 (second week optional)** - Intensive Course on Fundamentals of Implementation Science in Global Health
UW Campus
Fundamentals of Implementation Science in Global Health is a one to two-week intensive course – with an intensive didactic week, and an optional second week of mentored protocol development – that provides course participants with an introduction to the emerging field of Implementation Science. **Application Deadline:** May 15, 2017
Petra and I traveled to Bach Mai hospital in Hanoi, Vietnam for a 6-week stay with the emergency department staff and residents. Bach Mai is the largest hospital in Vietnam, and is a referral center for much of the surrounding area. From the beginning, I was struck by the breadth of their practice and the advanced care they provide. The ED physicians simultaneously run an ED and an attached ICU. This particular hospital has access to most of the diagnostic and therapeutic resources we commonly use, including MRI and interventional radiology. Because the ED team will care for some critical patients for many days in the attached ICU, they offered me a perspective on the continuity of care of critical patients beyond their initial diagnosis and stabilization.

While Bach Mai had many of the same resources we commonly use, they also run up against plenty of challenges. Nursing care is stretched thin, only spot-SpO2 readings are taken due to lack of equipment, and rapid paralytics are not available for intubation...yet. After I spent some time getting oriented to Bach Mai, the ED leadership expressed interest in moving to true RSI in the near future. I ended up spending much of my productive time creating and presenting an RSI-based airway curriculum for the residents. If I can trust Facebook’s Vietnamese-English translation function, Facebook comments from my presentations ranged from: “He has a “heart cold but love is very big,” and he is “a teacher full of responsibility and erudite,” and my favorite “that beard tho.” Sounds like I nailed it. Somebody add that to my CCC. Petra also gave weekly lectures to a full house of ED nursing staff.

When the ED was not too overwhelmed I’d talk with the residents about one of their more interesting patients. The English of some of the residents was great, and our conversations seemed productive when combined with a pen and paper. It provided an opportunity to understand differences in our clinical practice, and I’d inject some teaching when the chance came up.

There were a couple big takeaways from our rotation at Bach Mai. I had underestimated the value these docs place on international clinical experiences. Our system can serve as a model for their personal and institutional development in EM in their own country. It has given me resolve to foster these exchanges stateside in the future. The rotation also opened a new avenue to make global health a more tenable part of my clinical and personal life. For Petra—an ER nurse and my future wife—this was her introduction to international work. Global health can often pull us away from our family, and the experience in Vietnam has deepened interest in how we can continue to do these activities together in the future.
I have just returned from two weeks in Maryland County, Liberia teaching point of care ultrasound to local physicians, nurses, and midwives. Maryland County is a beautiful, poor, and isolated county on the ocean in the South of Liberia. Partners In Health oversees two facilities there: J.J Dossen Memorial Hospital in Harper and Pleebo Health Center. At these facilities sometimes basic labs, sometimes X ray, and ultrasound compose most of your diagnostic tools. There is only one CT scanner in the country of Liberia, as far as I know, and it is essentially unreachable as it is approximately a 20 hour drive away long dirt roads. There are no ultrasound techs or radiologists to perform ultrasounds, so all scans performed are done by clinicians. Though there are several physicians at these facilities, many patients are cared for primarily by midwives or nurses. My role while in Maryland County was ultrasound education. Towards the end I spent most of my time helping physician and non-physician clinicians to perform point of care ultrasounds on their patients while on rounds, in the emergency department, or in clinic. I also gave a three-lecture series to three different groups of nurses and midwives on the basics of ultrasound, assessing fetal heart rate, fetal head position, and assessing for free abdominal fluid. Additionally, I gave lectures for advanced clinicians and physicians on basic and advanced obstetrical and gynecologic ultrasound, abdominal ultrasound, tuberculosis on ultrasound, echocardiography, lung ultrasound, and procedural guidance with ultrasound. I additionally created some basic ultrasound guides on ultrasound use, assessing for free abdominal fluid, and basic OB ultrasound for local use. In my free time I hung around the emergency department (one room with 7 beds) to be available as a resource for the awesome nurses that provide the majority of emergency care while there.

While there, one of the nurses that Dr. Sachita Shah had helped to train last year and I had worked with this year as well, performed a FAST exam on a young girl who had fallen out of a tree. The FAST was positive. With this knowledge, he was then able to transfer the young girl from Pleebo to Harper (where there is an OR) where she was able to get life-saving surgery and medical care and walked out of the hospital only a few days later.

I had a fantastic experience in Liberia. Once again, I find myself coming back inspired to learn more about ultrasound and its uses in these settings which continue to expand the more I learn, but also to learn more about medicine and the provision of medicine in such resource limited and remote settings. Most of all though I will remember Liberia for the beauty not just in the setting but in the kindness of the people I met there and for the dedicated team of local and imported care providers that work there.