



Queenan Global Health Awards
Appendix: List of Potential Sites for Visiting Teaching Fellowships
(rev. March 2021)

NOTE: Alternative sites for a teaching fellowship may be considered if they are in a low- or middle-income setting and appropriate oversight and safety can be established. A detailed description of the international site and mentor is required in the application.

POTENTIAL SITES IN AFRICA

BOTSWANA

Beth Israel Deaconess Medical Center and the University of Botswana

In 2016, the Beth Israel Deaconess Medical Center (BIDMC) Department of Obstetrics and Gynecology formalized a collaboration with the Botswana Harvard Partnership to support clinical capacitation. The partnership initiated with a focus on intern training, and in 2019 partnered with the University of Botswana (UB) to develop an Ob/Gyn Master of Medicine residency training program, the first in the country. At its launch, there was a severe shortage of Ob/Gyn specialists, with approximately 40 Ob/Gyns for a population of 2.3 million. In 2019, an estimated 99.8% of births occurred in health facilities by a skilled health professional and yet the national maternal mortality ratio remained stable at approximately 160 per 100,000 live births between 2014 and 2019. Specialists trained in the local context are an essential missing component to improve maternal outcomes for individuals in Botswana.

The residency training program was launched in January 2020 with the first class of 4 residents, and the second intake in 2021. The current clinical training site is Princess Marina Hospital in Gaborone, the largest referral hospital in the country with approximately 6,000 deliveries per year. The UB department of Ob/Gyn has 5 dedicated generalists (including a full-time BIDMC faculty), an obstetric specialist (Justus Hofmeyr), and a gynecologic oncologist. In addition to clinical training of undergraduate medical students and residents, the faculty have a diverse research portfolio, is active in quality improvement and is engaged in community outreach. Through international collaboration, the program is committed to providing in-country subspecialty training.

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CAMEROON

University of Alabama and the Cameroon Health Initiative (CHI UAB)

CHI UAB is a collaborative initiative between the University of Alabama at Birmingham (UAB) and two major health organizations in Cameroon, Africa. These partners are the [Cameroon Baptist Convention Health Services](#) (CBCHS) and the University of Buea (UB). CHI UAB promotes global health through projects involving research, education, and service activities. The UAB team is multidisciplinary and includes faculty and students from the Schools of Medicine, Public Health, and Nursing. Program activities are coordinated by a dedicated in-country program coordinator. Ongoing projects address maternal and perinatal survival and infections (including HIV, malaria, hepatitis B, Group B streptococcus, and STIs). Opportunities include an Ob/Gyn resident elective that is open to senior residents from U.S. programs, electives/internships for medical and graduate students, and volunteer opportunities for practicing Ob/Gyns.

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GHANA

University of Michigan and Universities in Ghana

University of Michigan and Universities in Ghana have almost a 30-year history of bilateral collaboration and cooperation in Ob/Gyn education. For several years, the Ghana College of Physicians and Surgeons has been developing MFM as a sub-specialty and has hosted two Queenan Visiting Teaching Fellows: Drs. Lucie Moravia (2015) and D'Angela Pitts (2018). The University of Ghana Medical School at Korle Bu Teaching Hospital and the Kwame Nkrumah University of Science and Technology School of Medical Sciences at Komfo Anoyke Teaching Hospital have advanced MFM training centers with active, large Ob/Gyn training programs and MFM designated faculty and fellows providing tertiary ultrasound, high-risk maternal care, and advanced fetal care with maternity services of more than 10,000 deliveries in maternity hospitals of 400-plus beds.

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MALAWI

Baylor College of Medicine and Malawi College of Medicine

Baylor College of Medicine (BCM) and the Malawi College of Medicine (COM) have a nearly decade-long collaboration, particularly focused on education. The first Malawian Masters of Medicine (MMed) in Obstetrics and Gynaecology started in 2013 through the Malawi COM collaboration with educational, leadership, and financial support of BCM. Registrars work mostly at Kamuzu Central Hospital (KCH), a referral hospital for the central region, or at Bwaila District Hospital in Lilongwe. Registrars are also located in Blantyre, Malawi and work mostly at Queen Elizabeth Central Hospital (QECH), a referral hospital for the Southern Region. Registrars are typically assigned to one city during their MMed program. Sixteen residents have now graduated from this program and they are all delivering care to individuals throughout Malawi.

Two Maternal-Fetal Medicine physicians from BCM, Drs. Kelli Barbour and Abida Hasan, spend approximately 10 months in country and provide hands-on teaching. BCM's efforts focus mostly in Lilongwe, the capital of Malawi, where they work at KCH and the Area 25 hospital. Area 25 has been expanded and runs as a public private partnership between the Malawi Ministry of Health and Baylor Malawi. KCH has approximately 2,000 deliveries per year and Area 25 has approximately 7,000 (1,800 in 2015 and 7,000 in 2020). BCM is actively involved in in-person teaching at KCH and Area 25. Teaching is also done remotely for Malawi resident didactics and BCM has an open invitation to teach in person at QECH.

Through education and leadership, BCM is advancing training of residents as well as interns, and expanding the access to qualified Ob/Gyn care providers in a country of 18 million inhabitants with approximately 70 Ob/Gyns. Currently, there is not an MFM training program, but individual faculty (other than Drs. Barbour and Hasan) focus on high-risk pregnancies. Through the collaboration, we are able to provide high-risk maternal care in a resource-constrained setting, as well as provide and teach obstetric ultrasound. This site presents an ideal opportunity for global maternal health education in a very low resource country.

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ZAMBIA

University of North Carolina at Chapel Hill and University of Zambia

The University of Zambia (UNZA) and the University of North Carolina at Chapel Hill (UNC) support clinical and research training opportunities in Lusaka, Zambia at the University Teaching Hospital (UTH). UTH is Zambia's principal medical training institution and tertiary referral center. UTH is home to 20,000 deliveries each year, with 26 labor ward beds and 353 inpatient beds. Its five dedicated Ob/Gyn wards include a gynecologic emergency ward, three operating rooms, and two outpatient procedure rooms. UNZA and UNC faculty have collaborated to improve maternal health since 2001. Together they have developed and implemented an electronic obstetric record system, overseen dozens of clinical trial protocols, supported advanced degrees and academic training for Zambian clinicians, developed referral clinical services for HIV-positive pregnant individuals, established a national cervical cancer prevention program, and provided specialist surgical services, particularly in the field of gynecologic oncology. UNC fellows and faculty living in Zambia have appointments at UNZA and support its clinical, research, and training activities.

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