

University Student Programs

FHM, in partnership with the Duke Global Health Institute, provides research and service opportunities in Haiti to undergraduate, graduate, and medical students. While in Haiti, students provide the talent and manpower to collect and analyze data from the current FHM programs. Through the students' participation and current data collection, FHM is able to evaluate and adapt our work on a continual basis to provide better solutions for the ever-changing healthcare needs of the Haitian community.

Since 2007, FHM has hosted students in Haiti. A number of our students return to work with us in graduate school. Students over the last five years have participated in projects related to:

- GIS mapping of Leogane health systems pre- and post-earthquake,
- Qualitative surveys of reasons for high maternal mortality,
- Development of Kreyol education materials on cervical cancer prevention,
- Review of contraception and breastfeeding practices among Haitian women,
- Improved education of traditional Haitian birth attendants,
- Monitoring hypertension in communities.

All of student research programs fit FHM's vision and need for data to plan future interventions in collaboration with the Haitian Ministry of Health.



FHM Student Programs: An Opportunity to Grow

University students are welcome to apply to FHM through the Student Research Training Program (SRT) (undergraduate) or the Masters in Global Health program at DGHI. Student must be flexible to work on FHM priority projects and have their own funding. Typical research participants spend 8 weeks in Haiti as part of the experience.

If you are interested in participating in a FHM University Student Research Program, contact us at 919.382.5500 or info@FamilyHM.org.



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Research



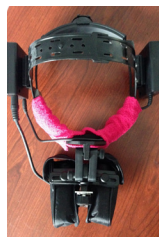
Medical research and international partnerships for life changing results

Family Health Ministries' unique strategy in Haiti is to turn local community priorities into improved national health care programs through data collection and best practice development. We want to take what we learn to help improve health care for the entire country, generalizing the knowledge for reuse in other low-resource countries. FHM has engaged in varying research strategies to improve the health status of Haitian families, with a targeted focus on women and children. Examples include:

Cervical Cancer Prevention

Family Health Ministries focuses on cervical cancer prevention in Haiti. A Clinton Bush Haiti Fund grant is enabling the program's expansion. FHM screens and treats thousands of women annually who would otherwise be under-served. The strength of our program rests on our collaborations with Haitian physicians, NGOs and corporate partners. FHM partnered with Fondation pour la Santé Reproductrice et l'Education Familiale (FOSREF) to open five new cervical cancer screening clinics in Port-au-Prince and establish the first HPV lab in Haiti to run QIAGEN's HC-2 assay in-county. Prior to this lab, all HPV samples were shipped to the US for processing.

Portable Colposcope (The Cerviscope) In collaboration with Duke University, FHM developed a new cervical screening tool for use in reproductive health clinics where electricity is not reliable and funding is scarce. With a generous grant from Goldman Sachs we were able to mass-produce the FHM's CerviScope and it is now available to health care providers at \$750 per unit.



More Efficient HPV Screening In collaboration with corporate partners, FHM was able to field-test the Cerviscope and develop a new screening assay to help "triage" high-risk cervical cancer cases in low-resource settings.

HPV Parent Acceptability Survey Duke University and Family Health Ministries' Haitian IRB approved a study proposal for FHM to assess parental acceptability of the HPV vaccine in Haiti. Dr. Kemi Ogundipe, a pediatric medical resident, piloted this study on behalf of FHM in conjunction with her translator David. They completed 100 patient surveys. The parents consented to participate in this study were women attending the cervical cancer clinic in Blanchard. A few small edits to survey questions have been identified for improvement. Four Duke SRT students are to continue collecting surveys during the summer of 2014 in the community of Leogane. They will interview women waiting for care at the Klinik Lasante Leogane. The results of this survey will be used to inform the future drafting of an application for funding of an HPV vaccine demonstration project.

Family Health

Hypertension Reduction As chronic diseases remain an under-served area of global prevention efforts, FHM conducts

research on hypertension to develop needed baseline data on the realities faced by Haitian families.

Safe Motherhood

This program focuses on learning what interventions will be the most effective in Haiti to reduce maternal and infant mortality. FHM conducts surveys and focus groups in the Haitian communities to assist in understanding the most common causes of maternal death and document the results to become more knowledgeable of the beliefs and practices surrounding pregnancy and childbirth. Pre and post testing has evaluated the effectiveness of training providers on safer delivery practices for home deliveries.

Traditional Birth Attendant's Training A hands-on program was developed and field-tested among semi-skilled birth attendants to encourage increased awareness and application of basic life-saving techniques.

Breast-feeding, Contraception and Birth Spacing

FHM is engaged in research efforts to better understand the cultural, socio-economic and behavioral realities of breast-feeding and contraception for optimal birth spacing.

Institutional Review Board

In addition to using US-based Institutional Review Boards (IRBs), Family Health Ministries also conducts its Haiti-based Institutional Review Board at least twice annually. The IRBs convene to protect the rights of research subjects.

Supporting Haitian communities in *their* efforts to build and sustain healthy families

