

## Our mission is...

To develop the next generation of globally educated, socially responsible clinician educators and scientists dedicated to improving health equity at home and abroad.

## HYC Leadership

Executive Director, HYC  
Chris Woods, MD, MPH

Associate Director, HYC  
Program Director, GHP  
Nathan Thielman, MD, MPH



Executive Director of the HYC,  
Dr. Chris Woods and  
wife, Dr. Suzanne Woods

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## HYC Team Joins New DGHI Director on Priority Visit to Eldoret, Kenya

In January, the new Duke Global Health Institute (DGHI) Director, Dr. Chris Beyrer and a team from the HYC visited Eldoret, Kenya as part of an African priority site tour. A highlight of Dr. Beyrer's trip was to visit the Cardiovascular Diseases Center of Excellence (CV COE), a joint collaboration between Duke, Moi University, and Moi Teaching and Referral Hospital that has transformed cardiovascular care in Western Kenya.



Touring the MTRH Cath Lab construction site (left to right): Dr. Titus Ngeno, Dr. Joan Kiyeng, Dr. Jerry Bloomfield, Dr. John Lawrence, Dr. Felix Barasa, Dr. Wilson Sugut, Dr. Chris Beyrer.

He also got to meet with Kenyan and Duke trainees during a lunch-and-learn session where each trainee shared an overview of their research as well as stories about how engagement with Duke has facilitated career development and growth opportunities for each of them.



The Duke and MTRH CCU team (L to R): Dr. Titus Ngeno, Dr. Joan Kiyeng, Dr. John Lawrence, Dr. Eric Anyira, Dr. David Lagat, Dr. Keval Garg, Cynthia Binanay, Dr. Edgar Karangah, Dr. Rebecca Ayoti. (not pictured: Dr. Hazel Mburu)

Prior to the creation of the CV COE in 2008, there were no adult cardiologists in the region. Today, there are five consultant adult cardiologists and four CV Fellows currently in the Moi University Clinical Cardiology Fellowship Training program, which was established under the umbrella of the CV COE.

During Dr. Beyrer's visit, he met institutional leaders at Moi/MTRH with a goal towards strengthening our collaboration. Dr. Beyrer was able to tour the hospital and visit the construction site for the new Interventional Cath Lab.

## HYC Faculty Achievements

**Mwanza, Tanzania:** Congratulations to **Dr. Kristin Schroeder**, GHP graduate and current Duke Pediatrics faculty, for receiving funding from the **Duke Cancer Institute's Population Sciences Pilot Study program** for her project, *Development of media campaign to increase Red-reflex screening in Tanzania*. Because the pediatrics retinoblastoma survival rate is less than 30% in Tanzania, this project aims to develop and pilot a multi-component retinoblastoma awareness campaign using mixed media to increase understanding and screening, while also training health care workers to identify early symptoms and refer children for more evaluation.

**Eldoret, Kenya:** **Dr. Neelima Navuluri**, Duke Pulmonary and Critical Care faculty and GHP Graduate, received **DGHI pilot grant funding** to support her project, *Impact of Air Pollution on Post-Tuberculosis Lung Disease*. She is also the recipient of the **Parker B Francis Fellowship** for this study. Her team aims to generate data to inform interventions to reduce air pollution exposure among individuals being treated for tuberculosis who are at high risk for post-TB lung disease caused by exposure to air pollution.

**Congratulations to Dr. Jerry Bloomfield** on being named the **DGHI Associate Director for Research** and on being elected to the **American Society for Clinical Investigation**. Dr. Bloomfield is a GHP graduate and is currently an Associate Professor of Medicine with Tenure at Duke. His global health research interests are in the epidemiology of heart failure and cardiovascular risk factors in sub-Saharan Africa.

## Donations

The Hubert-Yeargan Center for Global Health is sustained by generous donations from and collaborations with individuals, organizations, and other academic medical centers dedicated to dramatically improving the healthcare and lives of people around the world. On behalf of our trainees, and everyone whose lives their work has touched, thank you for supporting our programs!

If you would like to support the Hubert-Yeargan Center financially, please visit <https://hyc.globalhealth.duke.edu/giving-back/> to make an online donation.

If you would like to mail a donation, please contact us at [Hubert-Yeargan@duke.edu](mailto:Hubert-Yeargan@duke.edu) for more information on how to do so.

## Staff and Faculty

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## Cardiovascular Fellowship Celebrates First Graduating Class



From left to right: Dr. Fatma Some, Dr. David Lagat, Dr. Joan Kiyeng, Dr. Felix Barasa

Congratulations to **Dr. David Lagat** and **Dr. Joan Kiyeng** on their graduation from the Duke-MTRH Cardiovascular Fellowship Program. Drs. Lagat and Kiyeng were in the inaugural class of the fellowship, which began in 2019. After passing their exams in the fall of 2022, they received their diplomas at a ceremony at MTRH.

Drs. Kiyeng and Lagat are consultant cardiology faculty at MTRH. Dr. Lagat has an appointment at Moi University School of Medicine.

Dr. Kiyeng's research project focused on the types and outcomes of arrhythmias in Western Kenya. Dr. Lagat's project explored coronary calcium and coronary heart disease risk among kidney transplant patients in Western Kenya.

## 2023 Elective Rotation Updates

I have always wanted to be part of creating access to novel therapies for hematological malignancies in low- and middle-income countries in the world. This experience helped me understand the challenges that are currently being faced and how much is being done to overcome this. I am convinced that in the next few years such settings should be able to handle clinical trials and improve outcomes for patients.

*Dr. Chris Wanjiku, Internal Medicine, Moi Teaching and Referral Hospital, Eldoret, Kenya, January-February, 2023*



Duke trainee Dr. Chris Wanjiku presents during Dr. Beyrer's visit to Eldoret.



Dr. Emily Zalimeni and a senior resident in the MICU at KCMC.

We witnessed so much death ... however, what I will forever take away from this experience is the dogged, unwavering resilience and commitment from the team. We strove to provide the best care for every patient, every time. Working at KCMC highlighted the fantastic mutual benefits that can be achieved with longstanding partnerships. This rotation helped me be able to envision a future where I am able to carve out time to commit to on-the-ground [global health] experiences.

*Dr. Emily Zalimeni, Med-Peds, Kilimanjaro Christian Medical Centre, Moshi, Tanzania, January-February 2023*

I realized my "Duke normal" was incredibly different from the Moshi community's "normal" [in terms of illness and treatment]. I saw how my prior experiences can influence differential diagnosis and management. I am grateful for the opportunity that I had to learn from local residents and attendings at KCMC about endemic diseases, including presentation and management.

*Dr. Cole Shapiro, Pediatrics, Kilimanjaro Christian Medical Centre, Moshi, Tanzania, January-February 2023*



Dr. Cole Shapiro and Tanzanian colleagues review diagnostic images at KCMC.