

AMPATH is a consortium of North American academic health centers led by Indiana University working in partnership with Moi University, Moi Teaching and Referral Hospital, and the Government of Kenya.

AMPATH Launches New Logo and Website

Welcome to the newly re-designed AMPATH Gazeti (formerly known as the Indiana-Kenya Partnership Gazeti)! This new design corresponds with the new logo and website that AMPATH launched this fall.



Over the years, AMPATH (Academic Model Providing Access to

Healthcare) has grown dramatically, taking on new partners and becoming more well-known in global health circles. In order to showcase AMPATH's unique characteristics, nurture unity among AMPATH's institutional partners, and promote AMPATH's achievements, AMPATH underwent a branding process to develop a new logo and website. While the administrative offices of the AMPATH Consortium remain at Indiana University, we believe that this new logo and website will help to identify AMPATH as the collaborative, inclusive program that it is.

The logo was designed by the Herron School of Art at Indiana University in Indianapolis. They developed logo

AMPATH and Lung Health

We are proud to announce that AMPATH has won a prestigious award granted by the organizing committee of the Kenya International Scientific Lung Health Conference for AMPATH's immense contribution to advancing scientific knowledge in lung health and implementing research programs that have had a major impact in the development of policies and practices in lung health in Kenya.

AMPATH has actively worked to address the epidemic of tuberculosis (TB), particularly at the intersection between TB and HIV. Since opening its doors for HIV care in 2001, AMPATH has supplied Isonizid preventive therapy for all new HIV patients, demonstrating a 7 fold reduction in TB related to HIV in those treated. AMPATH was one of the first sites to incorporate diagnostic testing and counseling at its TB clinics per the Kenyan national policy. For over 5 years, AMPATH has performed community-based active case finding for TB, to date screening over 80,000 symptomatic individuals and bringing the 14% with contagious TB into care.

choices that reflected AMPATH's mission, spirit and impact on the world. These choices and a corresponding survey were then distributed widely throughout the AMPATH network, in both North America and Kenya. The logo that received the highest vote in the survey is the one that was ultimately chosen by the leadership. The three gender-neutral people in the logo represent the tri-partite mission of AMPATH: care, education and research. They are holding hands to represent partnership and the font leans forward to represent the forward-thinking and evolving nature of AMPATH. AMPATH is in all lower-case letters to be more approachable and also to move towards simply the name "AMPATH" being recognizable as a global health care organization/ model, rather than always having to spell out what AMPATH stands for.

The new website, located at www.ampathkenya.org, builds on all of these concepts. Exciting new features include an interactive map, blogging capabilities, in-depth program descriptions, partner institution and leadership profiles, and a mailing list sign-up. We encourage you to explore the new site and all that it has to offer!



AMPATH has screened over 80,000 symptomatic individuals, bringing the 14% with contagious TB into care.

AMPATH also initiated the first community-based multi-drug resistant (MDR) TB treatment program. The staff continues to offer MDR consultative advice and service for MDR patients in the western half of Kenya. AMPATH works in conjunction with the Division of Leprosy, TB and Lung Disease to improve infrastructure and care of all those afflicted with and affected by TB with an aim to decrease TB transmission, incidence, morbidity and mortality.

In 2009, AMPATH opened the Cardiovascular and Pulmonary Diseases Center of Excellence (COE), developing not only a research agenda looking at the effects of indoor air pollution as a result of biomass fuel use in women and children but also a pulmonary training program for specialists in the diagnosis and treatment of lung diseases. Recent work by the COE has extended that focus to the incorporation of the Kenyan National Guidelines for Asthma management and asthma registry into its clinical setting.

Cardiology Care at Moi Teaching and Referral Hospital (MTRH)

Chronic non-communicable cardiovascular disease is rapidly becoming one of the major causes of death and disability in the developing world. At present, there are no adult Kenyan cardiologists in western Kenya and limited technology to take care of the myriad of patients presenting at MTRH.

In 2009, the National Heart, Lung, and Blood Institute (NHLBI) awarded Moi and its AMPATH partners a grant to establish a Cardiovascular and Pulmonary Diseases Center of Excellence (CVPD COE). Although primarily established as a clinical research training program, it provided a platform for Duke University to also take a lead role in developing the clinical cardiology program at MTRH. Duke was fortunate to identify a senior cardiologist (a former Duke resident who spent 35 years in private practice at one of the largest cardiology practices in western North Carolina) who was willing to lead Duke's effort "on the ground" to build the cardiac program at MTRH. Captivated as a boy by the life and work of Albert Schweitzer taking care of the "sickest of the sick" in Africa, Dr. John Lawrence always knew he wanted to serve in a similar capacity. Yet he observed that cardiologists rarely had the chance to apply their "technology-heavy" skills in resource-constrained environments. In October 2010, Dr. Lawrence and his wife had their "Albert Schweitzer opportunity" and Dr. Lawrence began a two year commitment in Eldoret focusing on clinical service and teaching.



Dr. John Lawrence

Since then, new space for a cardiology clinic has been secured and the number of patients seen in clinic each week has doubled. Teaching ward rounds with young Kenyan fellows and a consult service have been established and MTRH administration has created a CV Unit, appointing Dr. Myra Maghasi Koech as its Director. Duke has procured equipment for the echocardiography lab and has enlisted the support of a Duke sonographer and nurse practitioner willing to spend time overseas training local staff. However, diagnostic equipment at MTRH is still severely lacking and much more is needed to allow MTRH to adequately treat its patient population. This past summer we began training hospital staff on core competencies in cardiovascular care and basic and advanced life support skills.



Duke helps build the cardiac program at MTRH.

Duke has donated a mobile catheterization lab to MTRH to combat severe cardiac sequelae secondary to rheumatic valvular disease in young adults. This new cath lab will eventually be attached to the new primary care and chronic diseases building which AMPATH leadership is currently fundraising for. However, before initiating any efforts to deliver the equipment, we must first ensure that staff can deliver safe and competent care, that the equipment can be operated and maintained adequately and sustainably, and that patients who need treatment, even those without adequate resources, have access to care. We have begun a major initiative that includes hiring a business consultant to develop a financial model for AMPATH "Specialty Care" that will sustain cardiac services and develop a new monitored cardiac care unit.

AMPATH

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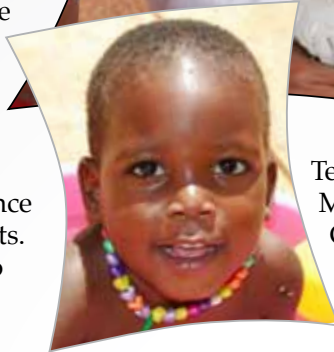
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Sally Test Pædiatric Centre Improves Lives of Children

Work at the Sally Test Pædiatric Centre (STPC) has been busy and productive this year. Ernest Kirui, Manager of STPC, traveled to Indianapolis in May to visit Riley Hospital for Children where he shadowed Megan Schpok and Hope Donald (who had previously traveled to Kenya) and met many of the Riley Child Life staff. Then, in spite of tornado delays, his scholarship sent him to Chicago to the 27th annual Child Life Conference with over 1,000 Child Life Specialists. Ernest learned a lot and returned to Kenya with many new ideas.

Our Child Life Health Workers (CLHWs) actively prepare children for procedures and are their advocates with the medical staff and social workers. They conduct in-service sessions for medical staff to teach them how time spent with children and families makes procedures easier and decreases the amount of time taken for blood draws and other



*Top photo: Medical play in STPC
Below: Lydia, a frequent visitor of the STPC*

uncomfortable activities. The STPC also conducted workshops for police and hospital personnel through the Gender Recovery Centre and also worked with medical and psychosocial support staff from Port Victoria. The STPC Child Life Health Workers have also been engaged in two pilot research studies on children's coping skills and the perception of child life at Moi Teaching and Referral Hospital. The last week of August Morgan Livingstone, Child Life officer for the Daisy Eye Cancer Fund, conducted her fourth annual seminar at the Sally Test Pædiatric Centre for our Child Life workers and chosen leaders from Mombasa, Kenyatta National Hospital, Homa Bay, and Kisumu.

A daily play hour for toddlers and their parents has just begun emphasizing the importance of play for children as a way for them to learn and develop. The name Sally Test has become synonymous with Child Life, and the STPC continues to build plans to promote Child Life throughout Kenya.

INDIANA UNIVERSITY RESEARCHERS STUDY HOW HIV CARE IS IMPACTING OUTCOMES



Dr. Wools-Kaloustian presented at the International AIDS Society World AIDS Conference

Two Indiana University researchers, Drs. Kara Wools-Kaloustian and Constantin Yiannoutsos are the principal investigators (PI) on the National Institutes of Health (NIH) International Epidemiologic Databases to Evaluate AIDS (IeDEA) Grant which was recently renewed for its second five year cycle.

The goals of these grants are to use data generated during routine clinical care in order to assess the impact of improved antiretroviral therapy (HIV treatment) access on the outcomes and epidemiology of HIV-affected patients globally. There are seven funded regions internationally – East, Southern, Central and West Africa, Asia-Pacific, North America and CCASANET (Caribbean, Central and South American). Indiana University leads the east African region which includes 3 clinics in Tanzania, 5 clinics in Uganda, and 2 multi-clinic programs in Kenya.



AMPATH is a prominent program within the East African Consortium with Professor S. Ayaya as the site PI.

East Africa has led the global work related to loss to follow-up (LTFU) from clinic. On study in this area is working on understanding what proportion of the population that no longer comes to clinic are dead, enrolled in care elsewhere or are no long engaged in care. East Africa has contributed to the literature on numerous other questions related in HIV care in resource poor settings.

The focus areas for the next 5 years include assessing: the adoption of the new guidelines for prevention of mother-to-child transmission of HIV; the long-term impact of intermittent antiretrovirals used during pregnancy on women's health; response to and durability of anti-retroviral treatment in adults and children; the epidemiology and factors associated with Kaposi's sarcoma and cervical cancer in HIV infected individuals.

The overarching goal of the East African IeDEA Consortium is to provide evidence based guidance to program developers and ministries of health on how to best structure their HIV care programs in order to obtain optimal outcomes.

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Moi Medical Students Travel to North America

September 29 marked the beginning of a new experience for eighteen 5th year medical students from Moi University School of Medicine as they began their quest to understand the differences and similarities between medical education and care in North America and Kenya. These students visited AMPATH consortium partners at the medical schools of Indiana, Brown, Utah, Duke and Toronto universities. Also, Providence Portland Health System and Lehigh Valley Medical System hosted students. At Indiana, students participated on internal medicine ward rounds and were given observational experiences in radiology, emergency medicine, dermatology and OBGYN. After experiencing radiology, Caroline Mwatha was wide-eyed and very excited about diagnostic tools she didn't know were in existence. "Wow!" was all she could initially say.

While in Indianapolis, the students visited Chicago with IU medical students who had visited Eldoret this past summer, staying with their families and experiencing American family traditions. Barbecues and other activities with students, residents and faculty rounded out their brief 5 week experience in the US.



Moi medical students enjoyed their visit to IU, Indiana.

Just as we encourage our students to question their own assumptions about observations in Kenya, we have encouraged these Kenyan students to assess the western practices they have observed that may or may not be applicable in Kenya. These students are proving that the future of medicine in Kenya is bright.

Moi Dental Student's Inaugural Visit to Indiana University

Celestine Gitonga and Evalyne Syombua, fourth year dental students from Moi University, were exchange students at IU School of Dentistry (IUSD) for five weeks this fall. Before traveling to Indiana, Moi dental students worked with IUSD students and faculty members providing dental sealants in Eldoret primary schools this summer. They also worked together on research to determine the natural fluoride concentration of Eldoret area water sources and a commonly used cooking additive. At IUSD, the Moi and IUSD students attended classes, observed in clinical settings, participated in learning sessions and learned about research methods and laboratory procedures.