

AFROHUN WORK IN KENYA

Experiential learning enables students to design interventions with community members

kenya@afrohun.org

or

secretariat@afrohun.org

afrohun.org/kenya

AFROHUN Network

Africa One Health University Network (AFROHUN) is an international network, currently in 29 higher education institutions of public health, veterinary medicine/sciences, pathobiology, environmental sciences, medicine and global health, in 10 countries in Africa. The countries are Cameroon, Côte d'Ivoire, Democratic Republic of Congo, Ethiopia, Kenya, Liberia, Rwanda, Senegal, Tanzania and Uganda.

AFROHUN is working to transform the training environment and approaches in universities and allied institutions in Africa, to develop a One Health workforce: a workforce with competency to work across disciplinary boundaries. AFROHUN is building a workforce with competency to predict, detect and respond to the kind of complex health challenges we are increasingly witnessing today. To achieve this transformation, we are reviewing curricula, designing new and exciting experiential learning multidisciplinary training programs, re-tooling teachers and trainers, educating communities on complex health challenges, while engaging national and sub-national governments to domesticate and integrate One Health into national policy and strategic planning.



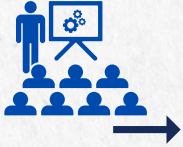
Mentored experiential learning
training activity for in-service
professional in Busia County

Our Work in Kenya

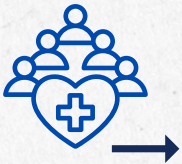
In Kenya, AFROHUN member institutions are University of Nairobi Department of Public and Global Health (in the Faculty of Health Science) and Faculty of Veterinary Medicine, Moi University School of Public Health. AFROHUN Kenya works with several other education institutions including Egerton University, Jaramogi Oginga Odinga University of Science and Technology, J and Masai Mara University. In our work, we engage government at different levels, communities and stakeholders working in the same One Health space. In addition, we work with other partners in the private and not-for-profit sectors in the country.

<https://afrohun.org/kenya>

Our Impact



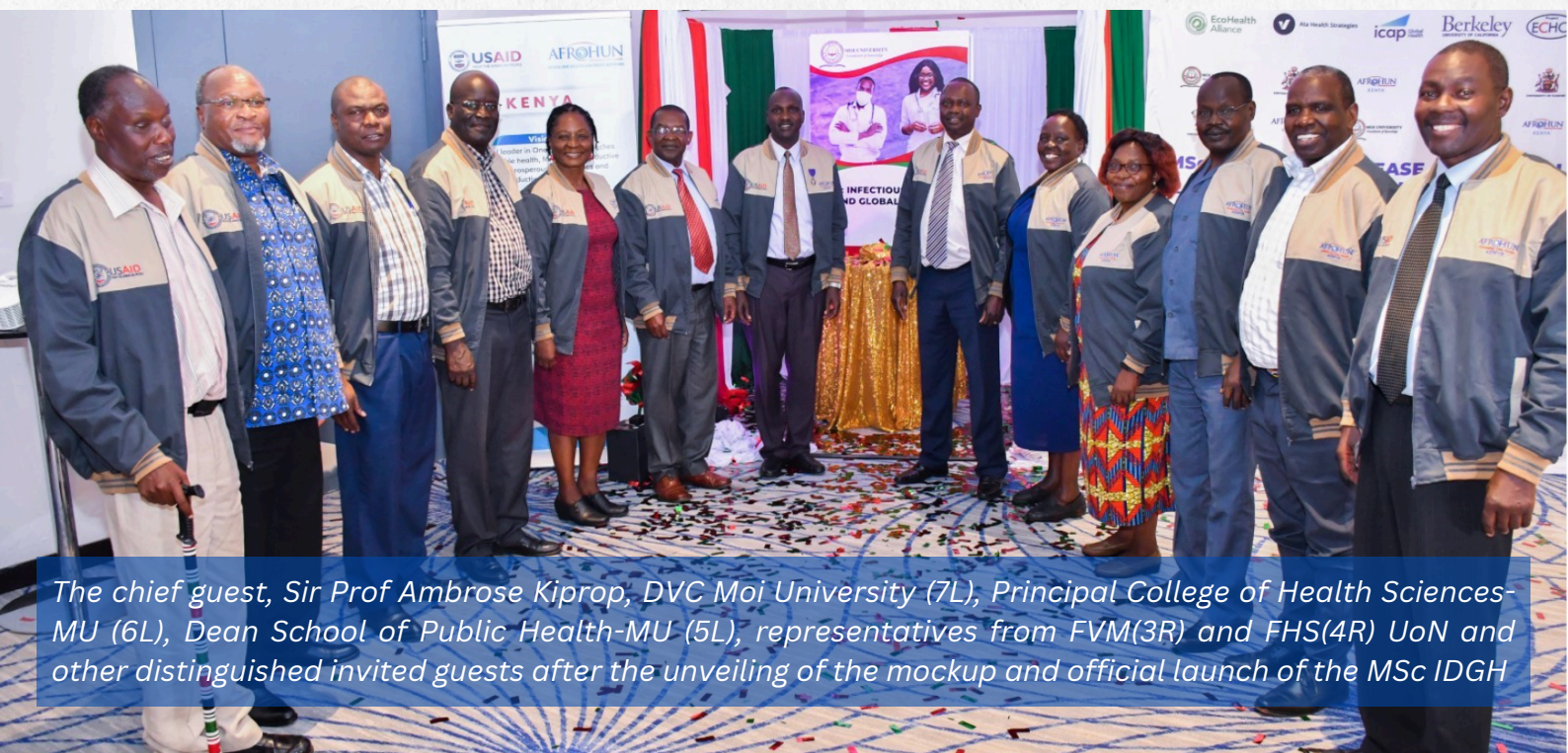
Over **2,500** individuals; both pre-service and in-service, have been trained across various programs facilitated by AFROHUN Kenya.



Launched a flagship MSc Infectious Disease and Global Health (IDGH) degree program in September 2022 at the Moi University School of Public Health, a program jointly developed by the University of Nairobi and Moi University for joint delivery. Since the launch, three cohorts of students have been admitted at the Moi University School of Public Health as follows: 7 students in cohort 1, 2 in cohort 2 and 6 in the current cohort 3.



Developed a manual for training primary school teachers on One Health. The manual titled 'One Health Training Manual for Primary Schools,' was developed in partnership with teachers, Education Field Officers, and community leaders in the Hell's Gate Division of Naivasha Sub County, Kenya. It is expected that this program will be scaled up to the broader Nakuru County and eventually the rest of Kenya.



The chief guest, Sir Prof Ambrose Kiprop, DVC Moi University (7L), Principal College of Health Sciences-MU (6L), Dean School of Public Health-MU (5L), representatives from FVM(3R) and FHS(4R) UoN and other distinguished invited guests after the unveiling of the mockup and official launch of the MSc IDGH

Our Impact



AFROHUN Kenya has conducted risk communication and community engagement (RCCE) activities focused on rabies campaigns including vaccination and surgical sterilization of dogs and cats; environmental awareness campaigns by SOHICs; and the implementation of the RCCE MELT training program.



Development of a One Health research agenda, awarding small research grants to faculty.

Through the AFROHUN Transition Award Multidisciplinary Action Research (TAMAR) and Transition Award Professional Development programs, AFROHUN Kenya awarded small research grants to faculty, supporting the development of innovative solutions to One Health challenges. These grants enabled recipients to undertake research and innovation projects that enhanced collaboration across human, animal, and environmental health sectors. So far, three faculty and four students have benefitted from the program over the past two years.

In addition, AFROHUN Kenya provided fellowships and internships to faculty and graduate students, respectively, aiming to build a skilled and competent workforce equipped to tackle complex One Health threats. Through these initiatives, AFROHUN Kenya has supported research on priority zoonotic diseases, including Rabies, as well as other diseases of public health importance, e.g., Campylobacteriosis, and contributed to the implementation of national action plans on disease prevention and control.

Our Impact

Established Student One Health Innovation Clubs at six universities and primary schools; The transition from OHCEA to AFROHUN saw an increase in SOHICs from an initial three clubs in two universities to seven clubs in six universities. The AFROHUN Kenya Student One Health Innovation Clubs (SOHICs) are key stakeholders and drivers of the One Health approach among students, equipping future professionals with transdisciplinary skills to address human, animal, and environmental health challenges. These clubs operate within academic institutions, engaging students in hands-on learning, leadership development, and innovative problem-solving.




Beyond the academic institutions, SOHICs participate in community engagement by organizing public health awareness campaigns, educating local communities on disease prevention, and addressing issues such as antimicrobial resistance (AMR), Food Safety and Security, and Environmental Sanitation and Hygiene. SOHICs also host webinars to raise awareness about One Health and participate in environmental sustainability efforts, e.g., through tree planting and environmental sanitation activities. Additionally, they participate in research and innovation through student-led projects that provide creative solutions to pressing health challenges, e.g., during the demo site placements or the student case competitions.

As an AFROHUN mechanism, SOHIC helps build the next generation of One Health leaders, strengthen community awareness and resilience, and foster innovative health and environmental solutions, leading to improvements in community health outcomes. By bridging the gap between academia and practice, the SOHICs ensure that students gain real-world experience, making them better prepared for careers in One Health. The approach emphasizes collaborative approaches that enhance multisectoral partnerships, ensuring a more integrated response to health challenges in Kenya.

Our Impact

Developed a short course for frontline workers on pandemic preparedness and response and experiential learning programs. The short course on 'One Health Approach to Preparedness, Response, and Communication in Threats of Public Health Importance' was developed by a team of experts to strengthen the capacity of frontline workers to detect, prevent, and respond to threats of public health importance using a One Health Approach.

The short course was designed to enhance the skills of frontline workers for effective service delivery; with the understanding that: frontline workers constitute; "individuals who directly contribute to protecting and improving health in the community using the One Health approach".



The module on Digital Communication Tools and Applications for Frontline Workers was piloted with over 400 frontline workers taking part. The training created a significant shift in participants' knowledge, attitudes, and skills, reinforcing the importance of digital transformation in the health sector. Training participants reported a much clearer understanding of their role in disease surveillance, data management, and real-time response. The training also enhances participants' practical skills by equipping them with tools for effective service delivery, positioning themselves to better handle complex public health challenges including zoonotic diseases and AMR.

Finally, the training program facilitates networking and collaboration among professionals from different disciplines, fostering a deeper appreciation of the One Health approach.

Our Impact

AFROHUN Kenya is accredited as a Continuous Professional Development (CPD) Service Provider by the Kenya Veterinary Board.

Being accredited as a Continuing Professional Development (CPD) service provider by the Kenya Veterinary Board (KVB) was a significant achievement for AFROHUN Kenya. The accreditation means that AFROHUN Kenya is officially recognized to offer CPD-certified training to veterinary professionals in Kenya, contributing to knowledge, skills, and capacity-building efforts aligned with industry standards.



For AFROHUN Kenya, this accreditation enhances the organization's credibility and influence within the veterinary sector. It positions the organization among the list of service providers of professional development, strengthening its role in One Health workforce training. By offering CPD-approved courses, AFROHUN Kenya contributes to building a skilled veterinary workforce that is well-equipped to address One Health challenges related to zoonotic disease prevention and antimicrobial resistance (AMR), among others.

Beyond professional training, this accreditation also provides an opportunity for the expansion of AFROHUN Kenya's partnerships and funding opportunities. It opens doors for collaboration with veterinary institutions, government agencies, and development partners in training and capacity-building efforts through CPD training. Additionally, the ability to offer CPD-certified courses presents a sustainable revenue stream, ensuring the continuity of AFROHUN Kenya's training programs.

Let's Work Together

Scan Code to Visit our website
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+256-200-912-673



secretariat@afrohun.org



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