

Strengthening the Global Workforce to Battle Infectious Disease Threats Through Universities: The One Health Workforce Project

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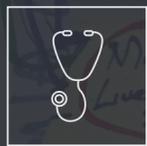
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The 2013 Ebola Outbreak in West Africa demonstrated the need for a workforce that had the technical competencies to work within their own sector, but also possessed the skills to work across sectors and disciplines: A One Health Workforce. The USAID One Health Workforce (OHW) project is developing a health workforce that is prepared to prevent, detect, and respond to the threat of infectious diseases around the world. Teams at the University of Minnesota and Tufts University provide support for two regional university networks, the One Health Central and Eastern Africa (OHCEA) network and the Southeast Asia One Health University Network (SEAOHUN). OHW is able to leverage these established university networks to create a sustainable transformation in the regions' health workforces.



One Health Workforce Objectives

OHW identifies multi-sectoral operational workforce needs.



SECTOR-SPECIFIC TECHNICAL COMPETENCIES
that meet international standards and requirements



MULTI-SECTORAL COMPETENCIES
that give personnel the skills and knowledge to work across sectors effectively



OPERATIONAL CAPACITY
within institutions and organizations to support multisectoral work

Universities are key drivers of change as they educate the future and current One Health workforce and forge partnerships with governments and communities to strengthen national infectious disease capacity through applied research, innovative training, and service work.

Approach to Workforce Transformation

The One Health University Networks (OHUNs) support local governments by identifying and addressing knowledge and skills gaps in the current health workforce and transforming the future health workforce to address the complex, transdisciplinary, and multi-sectoral One Health challenges in their countries and regions. OHW supports the OHUNs in achieving these goals through a wide set of collaborative activities focusing on 3 key areas: multi-sectoral engagement, education and training, and institutional strengthening.



MULTI-SECTORAL ENGAGEMENT

- TYPES OF ACTIVITIES:
- Workforce Planning
 - Evidence-Based Materials
 - Partnerships & Advocacy
 - Community Outreach
 - Outbreak Response



EDUCATION & TRAINING

- TYPES OF ACTIVITIES:
- Scholarships & Grants
 - Student Learning
 - Field-Based Training
 - Internships & Fellowships
 - Professional Development



INSTITUTIONAL STRENGTHENING

- TYPES OF ACTIVITIES:
- Faculty Development
 - Educational Materials
 - Courses & Curricula
 - Academic & Professional Programs
 - Centers & Institutes



The One Health approach brings together various disciplines such as medicine, veterinary medicine, public health, nursing, and ecology to work together to more effectively address health challenges at the interface of animals, humans, and the environment.

Empowering our current and future generations of healthcare workers around the world.



Key Results in One Health Workforce Transformation

Over the first 3 years of the project, the One Health Workforce Project has enriched the skills and experiences of human, animal, and environmental health workers.



OHW works in **12** countries across **2** continents. It is exploring opportunities in **3** new expansion countries.



OHW supports **2** regional and **4** national One Health University Networks.



These networks are comprised of **139** schools and faculties in **79** universities.



34 member universities have established One Health Student Clubs.



OHW has trained over **7,000** students, **2,900** faculty members, and **2,600** current health professionals.



52 One Health Fellows were placed in health-related organizations.



OHW supported **98** community outreach activities.



OHW partners coordinated **51** multi-sectoral and multi-lateral events.



OHW partners produced **40** evidence-based materials on One Health.



OHW partners developed **77** educational materials on One Health.