Global One Health initiative

Strategic Plan

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## Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>CDT-Africa</td>
<td>Centre for Drug Discovery and Therapeutic alternatives in Africa</td>
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<td>EBV</td>
<td>Epstein-Barr Virus</td>
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<td>FAC</td>
<td>Faculty Advisory Committee</td>
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<td>FIC</td>
<td>Fogarty International Center</td>
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<td>GHS</td>
<td>Global Health Security</td>
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<td>GOHi</td>
<td>Global One Health initiative</td>
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<td>HIV</td>
<td>Human Immunodeficiency Virus</td>
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<tr>
<td>KNCV</td>
<td>Koninklijke Nederlandse Chemische Vereniging</td>
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<tr>
<td>LLC</td>
<td>Limited Liability Company</td>
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<tr>
<td>NGO</td>
<td>Non-Governmental Organization</td>
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<td>NIH</td>
<td>National Institutes of Health</td>
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<td>ODEE</td>
<td>Office of Distance Education E-Learning</td>
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<td>OHSI</td>
<td>One Health Summer Institute</td>
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<td>TB</td>
<td>Tuberculosis</td>
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<td>UFPB</td>
<td>Federal University of Paraíba</td>
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<td>USAID</td>
<td>United States Agency for International Development</td>
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<tr>
<td>WHIP3TB</td>
<td>Weekly High-Dose Isoniazid and Rifapentine for TB Prevention and Therapy</td>
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**Introduction**

The Global One Health initiative (GOHi) Strategic Plan has been developed with an extensive engagement and commitment of key stakeholders. The major contributors include the professional and administrative staff members of GOHi, GOHi Executive body members composed of key leaders from the primary five colleges, and the GOHi Faculty Advisory Committee composed of 34 members from 13 colleges. Additionally, relevant Ohio State units, particularly the Office of International Affairs, Ohio Academic Resources Network and the Office of Advancement, contributed. Critical inputs have also been solicited from the globally renowned experts and partners comprising the GOHi External Advisory Board.

**Historical context:** The Ohio State University was founded in 1870 as the major land grant institution in Ohio. Today, Ohio State is one of the three largest universities in the United States and its purpose is to advance the well-being of the people of Ohio and the global community through the creation and dissemination of knowledge. Currently, the Ohio State Discovery Themes focus includes four grand challenge areas: I) Health and Wellness; II) Food Production and Security III) Environment and Energy Sustainability; and IV) Humanities and the Arts. Three of four of these themes are also pillars for the Ohio State Global One Health initiative.

The preliminary underlying activities began in 2007 which led to the development and formalization of the Global One Health initiative. Activities were originally focused on eastern Africa with aims to strengthen and build sustainable capacity for integrated food safety, zoonotic disease prevention and treatment, veterinary public health and livestock biotechnology. The work expanded as a health science focused taskforce in 2012. GOHi’s focus evolved to include broader issues at the interface of humans, animals and the environment with an emphasis on global training, research and outreach capacity building. In 2016, Ohio State leadership established GOHi as an official campus-wide initiative structured under the Office of International Affairs (OIA). In addition, GOHi established an affiliate non-governmental entity with a regional branch for eastern Africa, the Ohio State Global One Health, LLC.

**Current activities of GOHi:** GOHi is actively working in Ohio, Brazil, China, Ethiopia, Kenya, Mexico, Tanzania, Thailand and beyond in a coordinated, multidisciplinary approach to improve health, build capacity, and provide learning opportunities. GOHi provides these opportunities for students and stakeholders in strategic regions around the globe.

Today, hundreds of Ohio State students, faculty and staff are involved in GOHi, building capacity within communicable and non-communicable diseases that are caused by biological and chemical hazards. GOHi uses innovative approaches to ensure impactful and lasting capacity building, i.e. curriculum twinning, One Health Summer Institute (OHSI), e-learning methods, and sandwich training. GOHi is the university’s largest, interdisciplinary collaboration operating on a global scale.
Global One Health initiative | Strategic Plan

The scope of GOHi projects has, so far, included: 1) Prevention and control of (re)-emerging zoonotic infectious diseases; 2) Collaborative approaches to prevent, detect and respond to disease; 3) Development and testing of rapid, point-of-care, field-deployable detection systems; 4) Evaluation of environmental hazards and risk factors that impact agricultural food systems, chronic diseases (such as cancer) and other economic and health outcomes, and; 5) Development of efficient digital and virtual systems for high impact translational research, training and outreach. Specific current key projects include:

- **Brazilian Antimicrobial Resistance Network** - Collaborative research, training, outreach and capacity building to prevent and control antimicrobial resistance in Brazil. Funded by Brazilian Council for Science and Technology.

- **Bridging the Gap in Electronic Capacity in One Health** - Collaboration with universities in Kenya, Tanzania and Ethiopia to narrow the gap in scientific knowledge, technology transfer and networking using digital systems. Funded by the National Institutes of Health.

- **Campylobacter Genomics and Enteric Dysfunction** - The collaboration between Global One Health initiative and other U.S. and Ethiopian institutions builds capacity and conducts research to tackle global hunger and food safety in Ethiopia and Burkina Faso. Funded by Bill & Melinda Gates Foundation through the University of Florida.

- **Communications Across Borders** - Partnership between The Ohio State University School of Communication and the Journalism and Communication Department at the University of Gondar to develop a journalism curriculum at the graduate level. Funded by the U.S. Department of State.

- **Curriculum Twinning Program in Veterinary Medicine and Nursing** - Assessing, revising and updating core veterinary medicine curriculum at Ethiopian universities led by the University of Gondar and Ohio State. Supporting University of Gondar Nursing PhD program. Funded by World Organization for Animal Health (OIE) and internal funds.


- **Epstein-Barr Virus Cancer Research and Training** - Collaboration with the James Cancer Hospital and Solove Research Institute and Addis Ababa Black Lion Hospital, researching the prevalence of Epstein-Barr Virus associated cancer in HIV positive individuals and setting the groundwork for vaccine research in the future. Funded by the National Cancer Institute.

- **GenomeTrakr: OSU-ICOPHAI Partnership** - Formal partnership with U.S. Food and Drug Administration to extend work on whole genome sequencing of foodborne pathogens across a consortium of Global One Health partners. Funded by the U.S. Food and Drug Administration.
Global Health Security to Prevent Priority Zoonotic Diseases and Antimicrobial Resistance in Ethiopia - Cooperative agreement with the Centers for Disease Control and Prevention and a collaboration with key Ethiopian public health institutions to prevent and control priority zoonotic diseases and antimicrobial resistance.

Global Innovation Initiative - Collaboration with Federal University of Paraíba, Brazil and University of Nottingham, U.K. to foster scientific mobility, training and research projects on global antimicrobial resistance including transmission dynamics, intervention and prevention. Funded by the U.S. Department of State.

International Congress on Pathogens at the Human Animal Interface - Biannual congress with international partners and world experts in One Health to accelerate global capacity and knowledge-sharing to reduce the burden of disease, environmental hazards and their risk factors. Funded through multiple industry, government and international partners.

One Health Eastern Africa Research Training Program - Collaboration with universities in Kenya, Tanzania and Ethiopia to conduct training and research with Eastern African doctoral fellows to advance the One Health platform among public health professionals. Funded by the National Institutes of Health Fogarty International Center.

One Health Summer Institute - Annually occurring One Health workshops, trainings and applied research opportunities held in Eastern Africa. Funded through multiple industry, government and international partners.

USAID Tuberculosis Prevention Trial - Challenge TB Collaboration with KNCV and Aurum Institute in a multi-center, multi-country clinical trial enrolling over 4,000 participants to optimize TB prevention protocols for HIV positive individuals. Funded by USAID through KNCV / Aurum Institute.
Mission, Vision and Values

The mission of GOHi is to expand capacity using the One Health approach globally (local, national, regional and international) via applied education and training, research and outreach to more efficiently and effectively address the causes and effects of diseases at the interface between and among humans, animals, plants and the environment.

In relation, the GOHi vision is to build capable institutional systems and professionals for a healthy and enduring global community.

GOHi values and principles are founded based on global needs and priorities as well as the values and principles of The Ohio State University. As such, GOHi fosters sustainable and high impact partnerships to fulfill its mission and vision. GOHi approaches its partnerships and projects in a mutually beneficial, bold, result-oriented, sustainable manner. GOHi core values include: transparency, diversity and inclusion, mutual respect, a commitment to making an impact, excellence and professional integrity.
GOHi Strategy 2018 to 2022

The GOHi strategy is founded upon three core technical position strategic goals (Goals #1 to #3) that are critical to implementing the GOHi mission and achieving the GOHi vision. Further, these three goals are supported by two supportive strategic goals (Goals #4 and #5). The goals are implemented through specific initiatives that are outlined over four years, in alignment with the key attributes of The three core technical position strategies include: I) Training Capacity; II) Applied Research and Implementation Science Capacity, and; III) Outreach and Extension Capacity. The two supportive strategic goals include: IV) Resource Stewardship, and; V) Financial and Resource Sustainability.

Training Capacity

**GOAL 1:** Develop a focused, mutually beneficial, high impact, sustainable education and training system that enable Ohio State and strategic global partners to address complex issues at the interface of human health, animal health, plant health and environmental quality.

Faculty/Staff Lead: Michael Bisesi and Rebecca Garabed  
GOHi Assigned Staff: Emia Oppenheim and Tigist Endashaw

**Strategic initiatives:**

**A) Conduct annual One Health Summer Institute and short workshops.** One of the flagship activities of GOHi is its One Health Summer Institute (OHSI). Initiated in 2012, the annual OHSI attracts a large number of Ohio State and North American faculty in diverse disciplines to provide One Health and adjunct skill trainings in eastern Africa. OHSI opens doors for high impact capacity building engagements, as well as research and outreach partnership development. Using the eastern Africa model, other partner countries, such as Brazil, are showing interest and garnering support for similar platforms. Additionally, GOHi recognizes the need to continue such as a high impact endeavor and has been providing shorter workshops in strategic locations.

Financial resources - OHSI is currently supported through internal partnership funds leveraging resources from various projects, foundations and host country institutional funds. GOHi recognizes the difficulty of extramural sources to fund such activity and actively seeks partnership with sponsors, such as the U.S. Agency for International Development, Emerging Pandemic Threats and the One Health workforce initiative.
B) Expand the use of synchronous and asynchronous distance education platforms. Following the success of OHSI and considering the global demand for more formal training, GOHi has been working on developing a post-graduate diploma (certificate) in the area of Global One Health, recently approved by the Ohio State Council for Academic Affairs. Further, through a public-private partnership, GOHi has launched a web page on CANVAS® that provides a series of freely-accessible training modules in key discipline areas. GOHi aims to strengthen these approaches and launch a structured training that will result in formal training and certification for Ohio State and global graduate students and professional workforce.

Financial resources - GOHi aims to develop a professional education-based certificate program as a self-sustaining program using defined revenue-sharing system between academic units, GOHi and international partners. As such, trainees who seek to pursue and complete the certificate program will be admitted with due consideration to financial sponsorship (self or third-party) while those seeking knowledge only (with no formal certification) will continue to have access to the online courses with no financial cost.

C) Strengthen short-term service learning and exchange visiting scholars, including clinical resident rotations. GOHi has been providing service learning and short-term opportunities for Ohio State professional, graduate and undergraduate students. Further, it has hosted visiting scholars from various strategic nations for varying durations. GOHi recognizes the significance of short-term exchanges and particularly its benefits to building capacity of Ohio State professional students and resident. GOHi will work actively to establish a consistent and sustainable system. Of particular importance and significance based on demand both within Ohio State and international partners is the Residency Exchange program.

Financial resources - GOHi and the College of Medicine as well as its Comprehensive Cancer Center are considering initiating a pilot residency exchange using Ethiopia as a model system. Funding through intermural sources from the Ohio State Wexner Medical Center, Ethiopian partner universities and Ministry of Health is being considered.

D) Strengthen educational twinning programs in diverse discipline areas. GOHi has been conducting twinning programs between Ohio State and partner academic units in two discipline areas including Veterinary Medicine and Nursing. GOHi recognizes such a program is instrumental for building long-term institutional capacity of partner institutes. While the magnitude and depth could vary, the translation of curriculum and knowledge to the future trainers of the partner institute is critical for building capacity using the “teach how to fish rather than give a fish” approach.
Financial resources - Currently the existing programs are funded through two different mechanisms: extramural funding (World Organization for Animal Health in Veterinary Medicine) and joint intramural (Nursing). GOHi plans to expand these twinning model approaches to other health science and related disciplines, tapping into potential sponsors such as industry groups, international organizations, such as the World Health Organization, in-country partners and other foundations.

E) **Continue and strengthen sandwich PhD and post-doctoral programs.** The sandwich program is also an extension of OHSI that enables strengthening partner institutions’ capacities. Through funding provided by the NIH Fogarty International Center, GOHi has been strengthening capacity of four eastern African institutes since 2010 in the area of foodborne pathogen epidemiology. Recently, this program was renewed through 2022 and expanded to include other important One Health diseases including water-borne and vector-borne diseases. GOHi will continue to strengthen and expand this program leveraging resources from other disciplines and partnerships such as foundations, international government partners (such as Federal University of Paraiba visiting scholarship) and others.

Financial resources - Currently, GOHi actively runs one NIH FIC program to accomplish this strategy. This program is being expanded currently through new funding from the Bill & Melinda Gates Foundation. GOHi recognizes the critical significance of this area in building and strengthening global capacity. Therefore, it aims to closely work with partners and foundations that can provide long-term financial support to train a large number of fellows in eastern Africa and beyond.

F) **Provide adjunct skills including trainings on improved English, scientific presentation skills, proposal writing and Responsible Conduct of Research.** Adjunct skills are critical to the success of trainees and institutions. As such, GOHi will commit itself to continue embedding adjunct training in its capacity building activities, including during the One Health Summer Institute.

Financial resources - This activity is embedded in other projects and thus its financial resource structure will be associated with the parent project it is being supported by.
Applied Research and Implementation Science Capacity

GOAL 2: Define and establish integrated applied research and implementation science capacity in priority multi-disciplinary areas that have strong and tangible impact in Ohio and the global community.

Faculty/Staff Lead: Robert Baiocchi and Ann O’Connell
GOHi Assigned Staff: Getnet Yimer and Mostafa Ghanem

Strategic initiatives:

A) Expand applied implementation on priority zoonotic agents, diseases and animal-source food and its safety. GOHi will continue to excel in conducting implementation research in global priority zoonotic diseases with key initiatives such as the Global Health Security Agenda. While GOHi is making significant impact using model zoonotic diseases, it aims to expand its breadth of pathogens as well as geographic targets within strategic locations based on resource availability.

Financial resources - GOHi will work closely with sponsor agencies whose strategic scope and mandate includes such priority agents. These include the U.S. Agency for International Development, Defense Threat Reduction Agency, foundations and other international government partners.

B) Strengthen training and research capacity on antimicrobial resistance and community health. GOHi recognizes that these issues are of high global priority but a gap exists in capacity among countries where antimicrobial resistance is exponentially rising using the One Health approach. GOHi and the broader Ohio State community can address this gap by providing strong expertise in this area. GOHi aims to strengthen its existing activities to further foster high impact implementation research in partnership with global stakeholders including within the state of Ohio.

Financial resources - GOHi will continue to work with agencies with priorities in these key areas. It will strengthen its current partnership with the Centers for Disease Control and Prevention on the antimicrobial resistance area and will further foster new partnerships using emerging opportunities such as through the Fleming Foundation, African Academy of Sciences, the Brazilian Council on Science and Technology and the Bill & Melinda Gates Foundation among others.
C) **Develop integrated projects on priority chemical agents including industrial and agricultural chemicals, endo- and mycotoxins, and antibiotic residues.** GOHi strongly recognizes the need to focus on chemical hazards that have impact on human health both in acute as well as chronic diseases. Chemical hazards impose a significant disease burden on humans and animals mainly chronic diseases, such as cancer. In addition, the burden of antibiotic and other chemical residues (such as biocides and micronutrients) has not been quantified in most parts of the world. As such, GOHi aims to strengthen its activities in chemical hazards as risk factors for high priority diseases.

Financial resources - Historically, GOHi has not received funding from extramural sources for such activities. Considering that and in order to build a strong foundation, GOHi will invest limited intramural pilot resources matched by partner institutes funding to support initial work. GOHi is actively working with potential sponsors and stakeholders such as the U.N. Food and Agriculture Organization with interest and strategy to support pertinent activities.

D) **Strengthen integrated cancer research, clinical and training priorities.** Cancer and other non-communicable diseases have been surging globally. The capacity to prevent, detect and treat has been severely lacking globally. GOHi views cancer and other chronic diseases at the interface of the environment are critical issues of One Health and aims to strengthen its capacity building efforts in training, research and outreach aspects. GOHi has developed a strong pilot reputation in research training using oncovirus (EBV) associated with other infectious disease burdens. Building upon this foundation, GOHi will strengthen research on risk factors for cancer, progress on its EBV vaccine development research and training to build capacity. It also aims to expand this work to multiple sub-Saharan Africa countries as well as south-eastern Asia and Brazil.

Financial resources - Current efforts are supported by a supplemental program grant from National Cancer Institute with additional intramural sources from Ohio State, James Comprehensive Cancer Center and Ethiopian partner institutes. GOHi will expand its reach to foundations and private donors with a commitment for cancer prevention and control.

E) **Strengthen medicinal plants research and training capacity.** Building upon existing pilot projects, GOHi aims to strengthen and sustain strong partnerships investigating the role of medicinal plants for treatment of various communicable and non-communicable diseases. GOHi believes this is a major area of need as well as an opportunity as most strategic tropical partner areas (Africa and Brazil) have a reach and untapped resources that have not been investigated due to lack of capacity. It also provides an opportunity to strengthen capacity in drug development and related areas. GOHi has been doing pilot activities using intramural support from the College of Pharmacy. Recently, this partnership has been expanded to extramural partnership with the World Bank funded joint project, CDT-Africa. GOHi aims to strengthen the current activities further and develop a strong, high impact and sustainable program(s).
Financial resources - GOHi has recently established a strategic partnership with the Centre for Drug Development and Therapeutics in Africa funded by the World Bank. Further, there is a strong interest and need to establish a similar partnership in the northeastern Brazil focusing on the Caatinga biome. GOHi will work closely with strategic partners to garner resources to support strong research and pre- and post-doctoral training capacity.

**F) Establish plant health and safety issues pertinent to human nutrition and health.** GOHi acknowledges the significant role plants play in human and animal health as well as their role as vehicles for transmission of biological and chemical hazards. Plants have direct and indirect role in human health and livelihood. Vegetable and other produce have repeatedly been implicated in foodborne disease outbreaks in the United States and globally and thus remain important issues. GOHi has done some preliminary pilot work in this area through an internal connect and collaborate initiative. GOHi recognizes the global need and opportunities and plans to expand this work.

Financial resources - GOHi will continue to invest some financial resources to faculty with joint matched activities with the goal of expanding for larger extramural funding through the USAID and other extramural sources.

**G) Conduct pragmatic clinical trials in selected priority diseases of global significance while building capacity.** GOHi acknowledges the critical lack of capacity for conducting hypothesis-driven intervention studies particularly clinical trial. GOHi recognizes the need to strategically plan to strengthen clinical trials. Therefore, it will embed this approach and relevant capacity building efforts in all relevant research and implementation activities.

Financial resources - This activity is embedded in the other components (2.A to 2.F) and thus its financial resource structure will follow the parent project.
Outreach and Extension Capacity

**GOAL 3:** Develop long-lasting impact on the Ohio State community and the state of Ohio, as well as externally with international stakeholders, with integrated extension engagement.

Goal Faculty/Staff Leads: Sally Miller and Nicole Kraft
GOHi Assigned Staff: Ashley Bersani and Abinet Kebede

Strategic initiatives:

**A)** Strengthen the state of Ohio One Health network and increase community partnerships in Ohio and strategic locations. From the outset, GOHi as a global initiative, recognized the significant need of strengthening its activities starting with the state of Ohio. This is a critical component of GOHi’s strategy and aligns with Ohio State’s strategy. As a land-grant university, this is a critical aspect that GOHi considers to be part of its foundation GOHi leaders commit to implementing this strategy through OSU Outreach and Extension and also to resume the One Health dialogue and monthly meetings within the state.

Financial resources - GOHi has committed seed financial resources to strengthen outreach and engagement activities through the Connect and Collaborate program. Additional resources will be solicited in partnership with other Ohio State (such as the Office of Outreach and Engagement) as well as industry, foundations and state agencies.

**B)** Actively promote GOHi and connect within Ohio State and eastern Africa (for Global One Health, LLC) community. One of the key hallmarks of GOHi, in its current state, is the establishment of a strong non-governmental organization (NGO), non-profit entity in the eastern African region. As such, GOHi, its affiliate entity and the associated leadership are fully committed to realize a strong and sustainable infrastructure and programs to support pertinent strategic initiatives of GOHi. The entity has an inherent role in outreach for One Health based on its existence. GOHi leadership notes the need for outreach in other strategic locations in partnership with committed institutes within Brazil and China that have a strong Ohio State footprint.

Financial resources - Currently, the affiliated entity is primarily funded through extramural sources. Additional support is provided through its general funds. GOHi, the Office of International Affairs and university leadership will need to consider consistent university internal funds to support the basic infrastructure of the eastern African entity similar to other Ohio State global affiliated entities, such as the Global Gateways.
C) Serve as a co-convener of applicable organizations and agencies to enhance discussions, prioritization and decision-making relative to addressing One Health issues. GOHi gained several recognitions since its inception in 2009. While the “One Health” terminology and concept has been around for a few decades, GOHi, with its hallmark publication in 2014, coined the term Global One Health. With its consistent engagement globally including its regional Global One Health office in Africa, the OHSI, monthly e-newsletter; Global Risk Forum panel, leadership in ICOPHAI congress, among others, its recognition has accelerated significantly. GOHi recognizes convenorship at national and international levels are often handled by the federal government agencies in respective countries. Therefore, it aims to work closely and actively with the relevant federal bodies in the United States and continue serving as a co-convener.

Financial resources - GOHi commits limited funds to its outreach activities.

D) Align and conduct Global “One Health” related outreach events such as One Health Day. GOHi leadership and its community recognize the strong need for awareness of the significance of human health at the interface of animals, plants and the environment. As such, GOHi has hosted and co-led various local and international events including World TB Day, World Rabies Day, International Clinical Trial Day among others. GOHi aims to continue its active outreach through existing and new efforts including hosting an annual One Health day on campus, co-leadership in the ICOPHAI consortium, hosting other relevant outreach activities at its main campus, regional office or partner institute locations.

Financial resources - GOHi commits its limited internal resources to support such outreach activities. In addition, it will work closely with other sponsors including industry and federal partners to co-fund and co-sponsor such events.

E) Identify and compile list of local partners working in One Health areas; maintain active partnership with the Ohio State extension system to reach out to rural and underserved communities. GOHi fully recognizes the need to reach out to underserved communities using various mechanisms. GOHi will work closely with the Ohio States’s extension infrastructure, the primary entity that reaches local, underserved communities. GOHi aims to work closely with faculty affiliates with extension appointments and to engage through the GOHi outreach to further strengthen this strategy.

Financial resources - GOHi commits its limited internal resources to support such outreach activities and will strengthen partnership with the extension system to provide resources. In addition, it will position itself to serve as a collaborator for extramural integrated funds with extension and outreach focus.
F) Increase use of technological approaches for outreach purpose. GOHi recognizes the disruptive and exponential impact of technology such as social media and electronic news platforms to conduct successful outreach and communication activities. GOHi has been using social media particularly the One Health Summer Institute and the monthly GOHi e-newsletter successfully. This newsletter reaches 1,285 key partners globally. It has also been using the existing Twitter platform from the Office of International Affairs (@OSUGlobal). Its website has also been instrumental in reaching out to a wide audience. GOHi aims to strengthen its social media platform for outreach purposes using existing and new approaches.

Financial resources - GOHi, Office of International Affairs and affiliated units such as ODEE commit their internal resources to use technology for outreach purposes.

G) Provide expert support to global partner stakeholders in reviewing national documents, national strategies and serve in advisory capacities. GOHi has been a key partner in various platforms globally, mainly in professional platforms in partner countries. GOHi provided expertise in the last five years and more regularly and frequently through its eastern African regional office.

Financial resources - GOHi will actively participate in such endeavors regularly committing its existing staff/ faculty time. However, financial cost for these activities will be covered by the partner stakeholder that requested the support, as it has been done thus far.
Resource Stewardship

**GOAL 4:** Develop a system for an equitable and efficient utilization and transfer of training, research and outreach resources.

**Goal Staff/ Faculty Leads:** Paul Schopis/ Keely Croxton  
**GOHi Assigned Staff:** Kayleigh Gallagher/ Ashley Behrendt and Tewodros Abebe

**Strategic initiatives**

While the list of strategies in this section does not have a direct impact on Global One Health, they are instrumental for successful implementation of the primary goals and strategic initiatives.

A) Strengthen GOHi’s support for faculty, staff and students to promote and implement One Health projects.

B) Create a system for electronic access to library books, journals and other resources for Ohio communities and global partners.

C) Facilitate transfer of new project-related digital technology (such as laptops, tablets, iPads and smartphones) and other equipment.

D) Create a fiscal approach for laboratory and other supply exchange to alleviate constraints such as hard currency and processing delays.

E) Develop a system for the procurement of capital assets in strategic global areas (such as vehicles).
Financial and Resource Sustainability

**GOAL 5:** Develop a sustainable plan for financial support to enable execution of technical goals and ensure that the GOHi goals and activities have a long-lasting impact.

Goal Staff/ Faculty Leads: Wondwosen Gebreyes/ Marilyn Roberts
GOHi Assigned Staff: Emia Oppenheim and Tewodros Abebe

Strategic initiatives

GOHi fully recognizes that a sustainable program can only be developed in the presence of a strong, consistent funding stream. Acquiring consistent funding necessitates diversification of its revenue sources. Some examples include internal revenue generation (fee) system, applying for grants, tapping on donors and foundations and others. GOHi commits the following six supporting strategies as crucial to enable successful implementation of the three core/ primary goals and associated strategies. Each of the listed strategies below have one or more matching components within the primary goals.

A) Develop an internal mechanism to enable GOHi business management to recover costs.

B) Develop a revenue mechanism by implementing continuing education.

C) Actively work towards securing major long-term.

D) Identify major donors and private foundations and seek large donations.

E) Apply for large extramural funding (federal/international).

F) Support and work closely with strategic global partners to help them apply for national and international grants in mutually identified areas.