1. OVERVIEW

In response to articulated demand from the global ANH Academy community, the Curriculum Enrichment Training of Trainers (ToT) Programme will establish a cohort of master trainers/champions to deliver regional training in the use and context-specific adaptation of interdisciplinary teaching materials and methods. Coordinated by ANH Academy and supported by staff at the London School of Hygiene & Tropical Medicine (LSHTM), the programme will invite lecturers from around the world (with a specific focus on Africa and South Asia) to attend master training sessions on interdisciplinary teaching and learning. Master Trainers will receive a Certificate of Completion and have opportunities to lead regional training workshops in Africa and Asia, as well as open sessions online and at ANH Academy Weeks. Regional training workshops will be an expanded version of the master training workshop, and upon completion, the regional trainers will be able to use and adapt the Curriculum Enrichment materials and methods in their own institutions and sub-regions. The core aim of this activity is to foster capability sharing around participatory teaching skills and to support university-level educators in incorporating interdisciplinary approaches in and around their curriculums.
Background

Since 2016, ANH Academy has organised annual meetings of the research and practitioner community – ANH Academy Weeks – rotating between Africa and Asia, attracting over 1000 participants in recent years, over half of whom attend from low- and middle-income countries. ANH Academy Weeks offer a comprehensive Learning Lab programme in which experts facilitate learning workshops focusing on key skills, tools, and knowledge relevant to researching and teaching at the nexus of agriculture-food systems, nutrition, and health. Consistent anecdotal and formal feedback from these events and other ANH Academy activities (i.e., online webinars) indicates a well-defined demand for more systematic approaches to supporting lecturers and students with practical tools and methods.

To better understand this demand, an initial needs assessment was conducted in 2017 among ANH Academy members based at academic institutions in Africa and Asia. Over a third of respondents (37%) felt they did not have the required knowledge or skills and 31% did not have access to relevant materials to teach ANH to students, highlighting a lack of capacity.

In 2020, the Curriculum Enrichment Working Group (CEWG) was established, comprised of a group of subject matter experts, capacity strengthening practitioners, and pedagogical specialists, and coordinated by the ANH Academy. The CEWG aimed to further understand the teaching need of university educators, guide the curation of teaching materials to support interdisciplinary teaching, and the design of the Curriculum Enrichment ToT Programme.

The CEWG conducted a more in-depth needs assessment, consisting of two phases: an online survey, followed by a series of focus group discussions (FGDs). The survey was administered to faculty employed at post-graduation institutions worldwide and received 138 respondents. Four 1-hour FGDs were held, with a total of 30 participants. Over half (54%) of respondents expressed interest and motivation to teach ANH in an interdisciplinary way, but qualitative findings indicated a lack of expertise in the topics as a major barrier. 61% of survey respondents reported a need for training on the use of teaching materials, 73% reported a need for a searchable online directory of teaching materials, and over half of respondents would be likely to use provided teaching materials, including essential readings, lecture slides, free online courses, student activities and handouts. You can read more about the needs assessment in the published paper in *Global Food Security*.

Figure: Barriers and enablers to interdisciplinarity in higher education (from Roshania et al., 2023)
2. SCOPE

2.1 Aim

The aim of this activity is to provide the needed resources and to strengthen university educators’ skills for teaching students about critical agriculture, nutrition, and health linkages. By working with faculty members across the world, it is hoped that this initiative will contribute to strengthening institutional capacities to develop and equip future researchers, practitioners, and policymakers to deliver multisectoral agriculture and food systems actions.

2.2 Objectives

The Curriculum Enrichment Training of Trainers (ToT) Programme will establish a cohort of master trainers/champions to deliver regional training in the use and context-specific adaptation of interdisciplinary teaching materials. Specific objectives are to:

- Conduct the initial Master Training workshop among educators to establish a cohort of Master Trainers able to teach other educators and students using interdisciplinary methods on key ANH linkages.
- Conduct Regional Training workshops in Africa and Asia, led by Master Trainers
- Assess the effectiveness of this initiative through monitoring and evaluation activities

2.3 Activities

Master Training Workshops

Master trainers will be identified and invited to online training workshops between November 2023 and January 2024. The training workshops will comprise three sessions, each 1.5 hours in length. These workshops will be used to introduce trainers to the suite of materials and methods, as well as an overview of how the Regional Training Workshops will take place.

Regional Training Workshops

Selection of participants

A call for applications from university educators in institutions across Africa and Asia will launch in October 2023 with a deadline in November. The review process will take place in December, through which applicants will be selected to participate in the ToT Programme.

We envisage participation in the ToT Programme to be highly competitive, so ANH Academy will convene a selection panel including leading experts on teaching and research. The involvement of academics from Africa and Asia in the review and selection process will be critical for the success and sustainability of this activity.

Once selected, participants from universities in Africa and Asia will need to provide a letter of support from their institution be invited to regional training workshops led by master trainers. These regional training events will take place in the first half of 2023. It is hoped that 15-20 participants will take part in each regional workshop, with 3-4 master trainers required for each. The regional workshops will mirror the master training workshops and provide important insights into how the materials can be improved and adapted for different contexts and cultures.

Trainers return to their institutions and sub-regions and attend ANH Academy Weeks

Following the regional training workshops, the trainers will be supported in any efforts to adapt and use materials and/or methods in their own institutions. ANH Academy will conduct regular follow-
ups and check-ins, seeking feedback and modifications on the materials. Regional workshop participants (trainers) will be encouraged to deliver trainings or seminars of their own and invited to deliver learning lab sessions at future ANH Academy Weeks, which rotate between Africa and Asia each year. Evidence of uptake and impact will be collected through ANH Academy monitoring and evaluation activities and presented on the ANH Academy website.

3. ROLES

The participants of this initiative will include university faculty members based in institutions in Africa and Asia. The end beneficiaries are future researchers, students, practitioners and policy makers in LMICs, who are currently studying at these institutions. To this end, faculty from academic institutions working on ANH-relevant disciplines will be particularly critical for the success of the CE programme.

3.1 Role Description

<table>
<thead>
<tr>
<th>Role</th>
<th>Description</th>
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<tbody>
<tr>
<td>ANH Academy Support Staff</td>
<td>Assist with the running of the ToT Programme including technical support, facilitation discussion, and coordination materials and logistics.</td>
</tr>
<tr>
<td>ANH Academy Trainer</td>
<td>Leads the ToT sessions with the pedagogic advisor, assisted by ANH Academy support staff.</td>
</tr>
<tr>
<td>Pedagogic Advisor</td>
<td>Leads the pedagogy discussions with the Master Trainers and works with the ANH Academy trainer to deliver the ToT sessions.</td>
</tr>
<tr>
<td>Master Trainer (MT)</td>
<td>Actively participates in the session and engages with regional trainers to deliver the ANH Academy Curriculum Enrichment teaching materials to suit their context.</td>
</tr>
<tr>
<td>Regional Trainer (RT)</td>
<td>Local educators taught by Master Trainers in their own region. Actively participates in regional training sessions and uses the ANH Academy Curriculum Enrichment teaching materials within their own institutions and sub-regions</td>
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</table>

3.2 Commitments

By participating in this programme, trainers are expected to carry out the following activities:

**Master Trainers**

- Actively participate in all MT sessions (3 sessions, 1.5 hours each)
- Co-lead and deliver a RT session
- Run one condensed online training workshop/lecture or Learning Lab at ANH Academy Week
- Provide feedback and respond to follow-up activities from ANH Academy

**Regional Trainers**

- Actively participate in all RT sessions (5-day workshop)
- Run one ANH workshop or lecture within your institution
- Run one condensed online training workshop/lecture or Learning Lab at ANH Academy Week
- Provide feedback and respond to follow-up activities from ANH Academy
4. COORDINATION AND TECHNICAL SUPPORT

ANH Academy (via the IMMANA programme) will coordinate and provide technical support to run Master and Regional Training Workshops. ANH Academy will also maintain the suite of training materials on the SCANR Portal, and update them according to new research and feedback provided by the MT and RT.

Following Regional Training workshops, ANH Academy will provide guidance and support in using and adapting the materials. Regional Trainers will be expected to organize and coordinate any training they deliver in their own institutions.

5. COSTS

Participation in the Training of Trainers Programme is largely voluntary and non-remunerated. However, as a gesture of thanks, ANH Academy will offer Master Trainers £500 honoraria. ANH Academy will also cover the cost of travel for all participants to Regional Training Workshops. Administrative and research support for the program will be provided to the group by IMMANA.