

The World Health Organization's role in supporting Field Epidemiology Training Programmes (FETP) for Global Health Security

Dr. Boris Pavlin

Acting Unit Head, Field Epidemiology Support

WHO Health Emergencies Programme

The Need Exists

Table 2. Key JEE recommendations for workforce strengthening

JEE recommendations	Freq (%)
Establish or expand field epidemiology training	65 (22)
Review, implement, evaluate the strategy for workforce development	67 (23)
Identify and address training needs specific to professions	37 (13)
Develop means to ensure staff retention and incentive	29 (10)
Review existing human resources and complement where needed	35 (12)
Develop career pathways	13 (4)
Conduct a mapping of existing human resources	12 (4)
Promote staff exchange programs	12 (4)
Ensure adequate and sustainable funding to secure staff and continuing education programs	11 (4)
Ensure multisectoral coordination in the workforce development strategy	9 (3)
Provide appropriate equipment to staff and workplace safety	2 (1)

WHO Country Offices – Direct Support to National FETPs

- Where national FETPs exist (particularly when housed in Ministries of Health), WCOs provide varying degrees of financial and/or technical support
- In some cases includes WHO staff dedicated exclusively to FETP (e.g. Cambodia)
- In some, WHO staff serve as Resident Advisors (e.g. Papua New Guinea) and/or Mentors



WHO Regional Offices and HQ – Training and Fellowships

- Fellows in WPRO, HQ (new for 2020)
- Scientific writing courses for FETPs with WPSAR Journal
- Humanitarian epi training with CDC and TEPHINET (piloted Uganda 2019)

Western Pacific Region Field Epidemiology Fellowship Programme (WPR-FEFT)



- Approximately 130 fellows joined from 12 countries
- For 8 - 13 weeks in each
- 1-3 fellows (Around 1 year)

World Health Organization Western Pacific

Slide Dr. Reuben

Field epidemiologists get training on scientific writing




Field epidemiology graduate James Tim Tund, with trainer Joy Gregory discuss aspect in the training program
Image by WHO/Papua New Guinea

World Health Organization CDC AFENET TEPHINET

Humanitarian Emergencies Epidemiology Course for Field Epidemiology Training Programme (FETP) Graduates

An intensive competency-based 6-day course for FETP Graduates, designed to:

- > Train FETP graduate epidemiologists on the unique aspects of conducting traditional field epidemiology during a humanitarian emergency
- > Introduce FETP graduate epidemiologists to epidemiologic methods and information management services they may be called upon to support during a humanitarian emergency
- > Develop a roster of trained epidemiologists to deploy through national and international mechanisms to respond to humanitarian emergencies



TAUGHT BY A TEAM OF INTERNATIONAL EXPERTS

<p>Topics covered include:</p> <ul style="list-style-type: none"> • Humanitarian architecture • Types of emergencies • Causes of morbidity and mortality in emergencies • Water, sanitation and hygiene (WASH) in emergencies • Nutrition in emergencies 	<p>Skills taught include:</p> <ul style="list-style-type: none"> • Data collection • Rapid assessment and situation analysis • Communicable disease surveillance and early warning in emergencies • Surveys in emergencies • Monitoring and evaluation
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FETP GRADUATES ARE THE FIRST RESPONDERS FOR MEETING EPIDEMIOLOGIC NEEDS IN HUMANITARIAN EMERGENCIES, DOMESTICALLY AND ABROAD

World Health Organization CDC AFENET TEPHINET

FETP at a Crossroads

- Enormous growth in FETP initiative since 1975
- Great success, but also *challenges* with increasing growth and complexity:
 - Slow pace of in-country institutionalization;
 - Assuring quality;
 - Securing adequate, sustainable funding;
 - Assuring a career path for FETP graduates;
 - Adapting to changes in disease threats;
 - Incorporating new techniques, technologies, partnerships, and opportunities; and,
 - Mobilizing for mutual (cross-border) aid.

Global FETP Enterprise and Roadmap



In June 2018, a diverse group of FETP leaders, implementing partners, funders and other stakeholders met to collectively develop a comprehensive roadmap for improving and accelerating the development of the global FETP partnership (a.k.a. FETP Enterprise).

FETP Roadmap – 8 Recommendations

1. **Constitute a broadly representative Strategic Leadership Group (SLG), tasked with ensuring strategic leadership of the global FETP enterprise. – Co-Chaired by WHO and CDC**
2. **Identify needed changes in all aspects of the FETP enterprise, and adapt the system incrementally while preserving core principles (next slides)**
8. **Better integrate the FETP enterprise with global health programs (e.g. GHSA)**

Tripartite FETP Competencies Project

- WHO-FAO-OIE (funding support from US DTRA) 2 years
- Define competencies for:
 - All levels of FETP (Frontline, Intermediate, Advanced)
 - Across length of career, not just Day One
 - Spectrum of One Health (exclusively veterinary <> common <> exclusively human) competencies
- Develop curriculum guidance based on new competencies
- Develop guidance for continuing education
- Develop guidance on sustainability (improving mentoring – with FLAC)
- Develop guidance on certification/credentialing against competencies

FETP Learning Advisory Council (FLAC)

Vision: A well-trained and professional global field epidemiology workforce prepared to address evolving public health priorities

Mission: To develop a learning strategy for the global FETP enterprise and support its ongoing implementation

Values:

- Continuous quality improvement
- Learner-centered
- Foster lifelong learning
- Inclusiveness
- Equity



Learning Strategy - Target Audiences

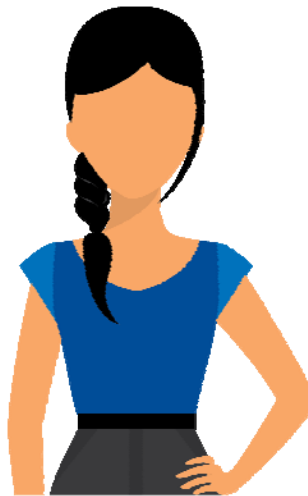
Learners

Trainees/fellows/residents enrolled in any tier of the FETP programs – Frontline, Intermediate, or Advanced



Mentors

Professionals responsible for mentoring, coaching, supervising, and guiding FETP learners



Trainers

Professionals responsible for designing/developing FETP training solutions, delivering training, and measuring FETP outcomes

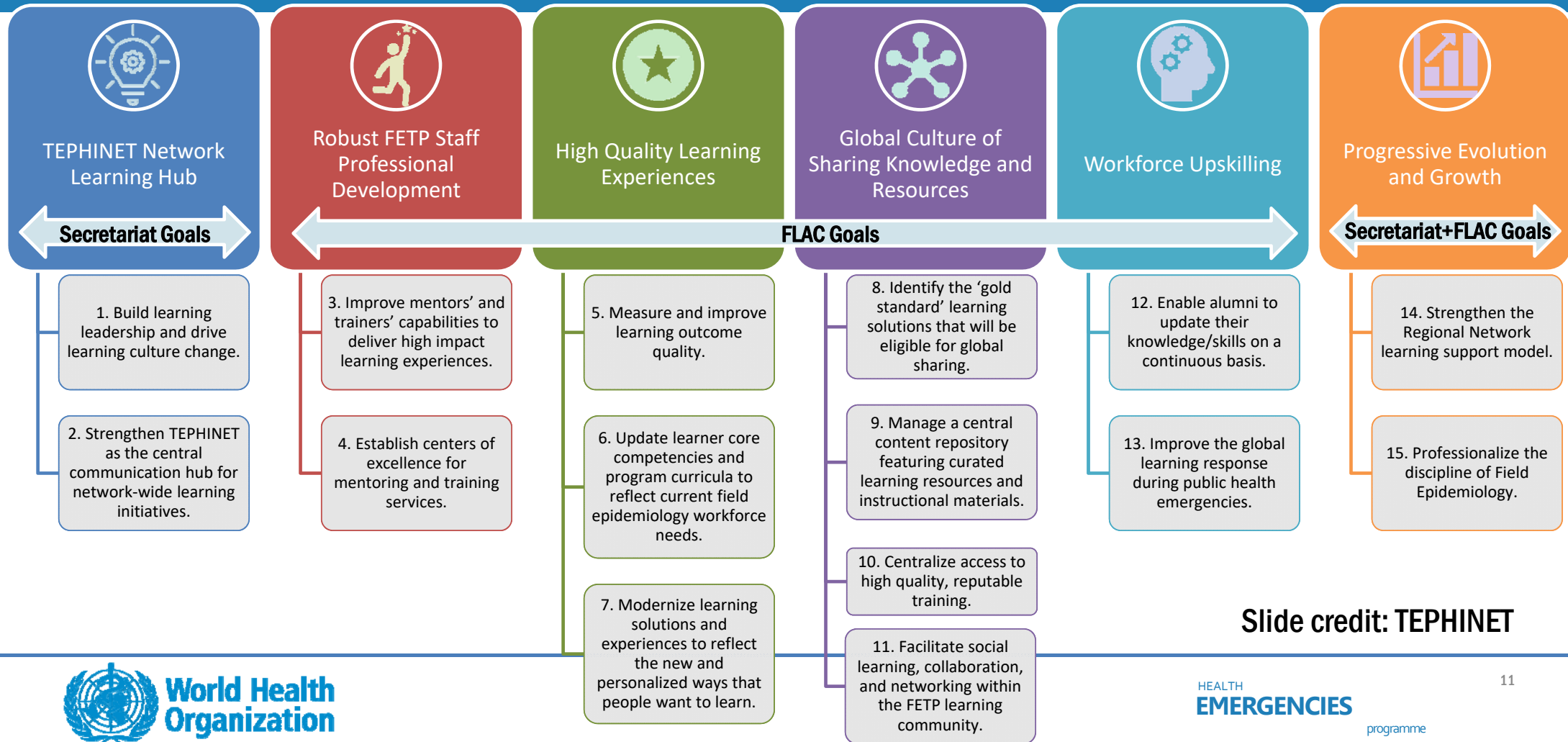


Alumni

FETP graduates who require continuous learning to remain current.



Learning Strategy Goals



Slide credit: TEPHINET

Strategy: Immediate Next Steps

- **Strategy Launch:**

- **Official Launch:**

- Communication campaign (pending)

- **Launch Events:**

- TEPHINET Advisory Board
- WIDB/CDC
- TEPHINET Secretariat
- TEPHINET November COVID-19 Teleconference
- Regional events (ESCAIDE, SAFETYNET)

- **Implementation Planning:**

- FLAC/Working Groups will hold an implementation planning workshop
- Prioritize and create implementation plans for key initiatives under each goal

Thank you!

- Questions?
- pavlinb@who.int