

出國報告 (出國類別: 研究)

參加全球衛生調查訓練班
主管研習
(TEPHINET Program
Directors Meeting)
研習報告

服務機關：衛生福利部疾病管制署

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出國期間：民國 103 年 11 月 12 日至 11 月 16 日

報告日期：民國 103 年 11 月 26 日

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摘 要

為持續與全球流行病學與公共衛生防疫網絡(Training Programs in Epidemiology and Public Health Interventions Network, TEPHINET)會員國交流，並汲取各國經驗強化本國衛生調查班訓練之量能，本署指派陳婉青醫師與沈伊庭護士共同參加2014年11月14至11月16日於馬來西亞吉隆坡舉辦之TEPHINET主席會議。該會議為TEPHINET邀請各國FETP主管及相關訓練計畫主要幹部召開之高層會議，會中針對各國辦理FETP的現況與面臨的挑戰，以小組討論方式分享經驗，並於會中探討TEPHINET未來的目標方向。本次會議最大收獲，除藉由會議與多國的代表進行意見交流外，亦有機會認識許多之前未曾接觸過的會員國代表，為我國衛生調查訓練班將來有可能的合作對象奠定基礎。

目 的

1. 持續與全球流行病學與公共衛生防疫網絡(Training Programs in Epidemiology and Public Health Interventions Network, TEPHINET)會員國交流。
2. 汲取各國辦理衛生調查訓練班之實務經驗。
3. 探討 TEPHINET 未來運作方向與目標。

過程

一、出國行程

本次全球流行病學與公共衛生防疫網絡(Training Programs in Epidemiology and Public Health Interventions Network, TEPHINET)主管研習於 103 年 11 月 13 日至 11 月 15 日在馬來西亞吉隆坡舉辦，參加成員包含 47 個會員國之衛生調查訓練班(以下簡稱 FETP)主管或代表，SAFETYNET (South Asia Field Epidemiology and Technology Network)代表，歐盟 EPIET(European Programme for Intervention Epidemiology Training)主任 Dr. Yvan Hutin 和 EUPHEM(European Programme for Public Health Microbiology Trainin) 首席科學主任(Chief Scientific Coordinator) Dr. Aftab Jasir，美國疾控中心 Global Health 主任 Dr. Linda Quick 及 Dr. Alden Henderson，以及 GOARN(Global Outbreak Alert and Response Network)代表 Dr. Tony Stewart 等。研習進行的方式為由幾個會員國分別就指定議題進行分享與經驗交流報告，每一個報告議題後，會由 TEPHINET 主席 Dr. Dionisio 進行分組並指定兩名成員為小組討論的助教，各小組成員經過討論後，再指派代表進行口頭簡報。每天上下午各討論一個議題，除第三天(11/15)上午是以區域來分組外，其它分組方式為隨機分派，以讓不同區域之會員國有機會相互認識或交流。研習工作紀要如下表，相關議程詳見附件一。

日期	工作紀要
11 月 12 日	啟程、抵達
11 月 13 日 至 11 月 15 日	參加 TEPHINET 主管研習，並進行小組討論。 擔任小組討論助教乙場。 代表 SEARO/WPRO 區於大會中進行小組討論結果簡報。 與其他國家 FETP 主管進行交流。 聯繫與接洽奈及利亞首席流行病學家兼衛生調查訓練班主任 Dr. Oyemakinde。
11 月 16 日	返程、抵達 陪同奈國首席流行病學家兼衛生調查訓練班主任 Dr. Oyemakinde 至台灣參訪，並協助飯店入住事宜。

二、「全球流行病學與公共衛生防疫網絡」主管研習內容

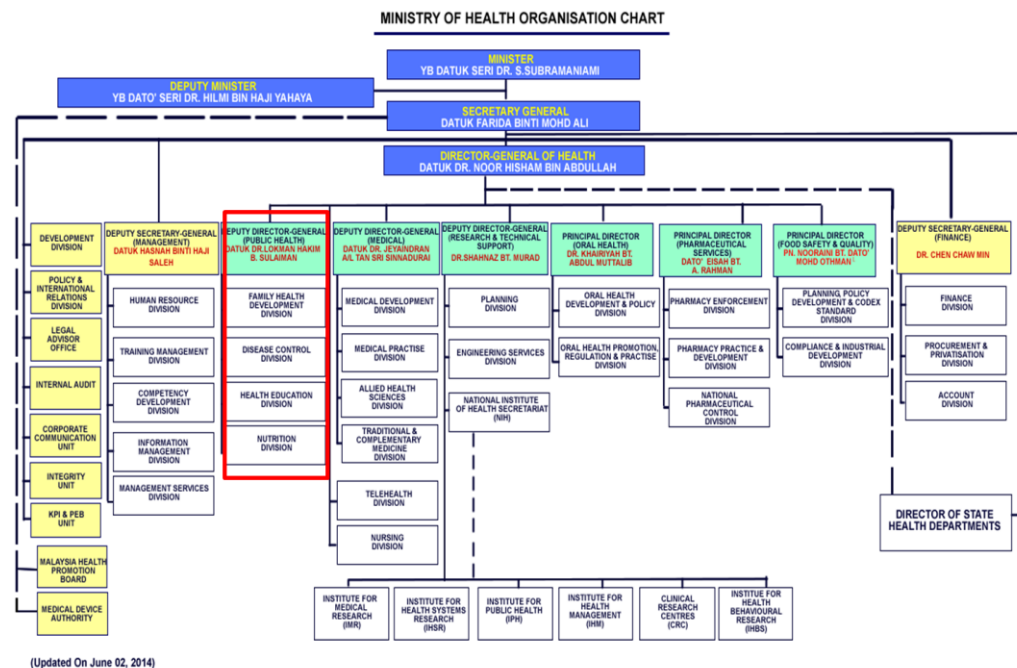
十一月十三日

本日上午議程分別由馬來西亞、泰國、約旦及辛巴威等國介紹 FETP 運作及在衛生部門的角色或影響等進行報告、隨後則由 TEPHINET 主任 Dr. Dionisio 進行分組與小組討論，各小組及小組報告討論成果。

專題報告(1): Malaysia EIP's role in the MHO for the implementation of the IHR: Opportunities for Collaboration and Quality Improvement.

馬來西亞 Epidemic Intelligence Program (EIP) 成立於 2002 年，現隸屬於衛生部下公共衛生部門(圖一)，源起於 1998/1999 年發生立百病毒腦炎疫情(Nipah Encephalitis outbreak)後，由內閣授權要求加強衛生部門疫情控制能力。本訓練計畫的目標有：培養成為公共衛生界專家中的骨幹、增強公共衛生系統的量能、經由學習的過程中提供必要的公共衛生服務；EIP 所提供的服務包含：疫情調查、監測系統評估、計畫評估及提供諮詢。本訓練計畫為 2 年在職的訓練，使用標準 FETP 的教材，30% 為課程學習，70% 為實務訓練。學員申請條件必須為公衛醫師及碩士學位，完成兩年的在職訓練後，並沒有額外的學位，但可以再有一年的流行病學次專領域的經歷。目前面臨的主要挑戰是因為 EPI 學員為在職訓練，因此會有發生訓練計劃或活動的時間與本身業務有衝突的時候，而 EPI 的老師也有類似的情形，因此需要持續進行計畫追蹤、評估與改善。

圖一、馬來西亞衛生部組織架構圖



專題報告(2): FETPs Impact in the Support of MOH Activities and Sustainability of the Programs. Presented by: Thailand, Jordan, Zimbabwe

泰國：泰國的 FETP 創立於 1980 年，是以實務訓練為基礎的 2 年訓練計畫，強調經由在提供服務的過程中學習，35 年來，泰國 FETP 經過不同階段的發展(圖二)，在 1998 年成立國際 FETP，其他國家學員可加入泰國 FETP 訓練，2011 年開始納入非傳染性疾病(Non-communicable diseases)，2012 年納入 One Health 的訓練。從創立以來由實務調查開始到現今對公共衛生政策產生影響，截至去年共有 222 位畢業生，其中亦包含來自中國、越南、馬來西亞、柬埔寨、緬甸、寮國等國際學員。目前面臨的挑戰包含：公共衛生需求與訓練品質(目標是每二十萬人口有一位受過訓的現場流行病學家)、學員參與兩年訓練的動機與獎勵誘因，特別是吸引醫師參加 FETP、以及計畫經費支持等。

圖二、泰國 FETP 發展歷程



約旦：約旦的 FETP 是參考美國 CDC 的 Epidemic Intelligence Service (EIS) 2 年的訓練計畫，此計畫的任務是增加國家公共衛生人力的流行病學專業量能，目前有 54 位畢業生，皆為醫師，60% 的畢業學員於中央政府機構任職，目標也是希望達到 IHR 要求，每二十萬人口有一位受過訓的現場流行病學家。長期訓練的學員在派駐於衛生部的期間，能為衛生部暫時紓解人力緊迫的需求，而高素質且受過良好訓練的畢業生則能為衛生部提供高階技能的專家。FETP 參與的活動包含傳染性疾病和非傳染性病之監測、群聚事件調查、敘利亞難民危機處理、

參與東地中海公衛和流行病學區域活動、協助巴基斯坦、伊拉克、葉門、敘利亞 FETP 學員訓練，以及與 WHO 和 NGO 合作進行國際疫情調查等。目前面臨的挑戰包含：FETP 計畫延續性、內部與外部的經費和技術支援。

辛巴威：辛國 FETP 創立於 1983 年，是衛生部門與大學一起合作的計畫，目標是協助衛生和兒童福利部創造永久性量能來招募、培訓和善用公衛從業人員，以維持公衛基礎設施並促進各層級提供的公衛服務。本計畫畢業後具有碩士學位，目前畢業校友有 30% 在衛生部就業。FETP 的貢獻包含：增加公衛流行病學專業量能、加強監測系統、擴大跨國界之合作與網絡、加強政策與執行的效能。目前面臨的挑戰包含：FETP 訓練品質與計畫之延續性、經費、以及還未能滿足的公衛人力需求。

小組報告與討論(1): Growing and Sustaining Programs and the Impact of FETPs on MOH priorities and on Building Public Health Capacity in Countries.

上午小組討論分別被分派到第一組與六組，成員來自澳洲、多明尼加共和國、衣索比亞、約旦、蒙古、莫三比克、哥倫比亞、歐盟、印尼、墨西哥、祕魯、越南、韓國、菲律賓等，小組討論的議題與結果呈現如下：

1. What are some key examples of Programs impact in country?

FETP 幫助加強公共衛生的監測和創造新的工具用於監測

FETP 培育各國公共衛生領域的領導者

FETP 提供決策者科學依據以作為施政參考

FETP 高素質的畢業生及學員在 WHO 或國際性非政府組織就業，工作內容涉及全球性議題與緊急應變

2. Key challenges?

FETP 永續經營議題

各個不同地區或國家 FETP 差異性問題

穩定的經費援助

如何提供誘因招募高素質的學員與老師

FETP 畢業後職業生涯問題(就業規劃、升遷管道)及人才外流的議題

FETP 學員訓練如何與國際重要疫情連結(如伊波拉、屈公病等疫情)

3. Key partners?

WHO、USCDC、UNICEF、USAID、MSF、GOARN、TEPHINET & regional networks、其他 NGOs、大學或醫學院、地方政府機關、其他全球或區域性公衛組織等。

4. **Key aspects to consider by Program or region?**
 - 對 FETP 畢業學員提供學位或相關認證，並且獲得國際認可
 - 建立或加強各國 FETP 交流活動或互訓的機會
 - 鼓勵公共衛生相關單位任用 FETP 畢業學員
 - 持續辦理學術研討會議
 - 保有 FETP 核心能力的關鍵要素
 - 與大學或醫學相關系所的連結
 - FETP 畢業校友協會
5. **How can TEPHINET support this aspect, and specific next steps?**
 - 推動 FETP 評鑑與認證
 - 增進各國 FETP 間的連繫
 - 定義區域性 FETP 的角色，加強支援或參與疫情調查
 - 經費支援或補助
 - 協助提供 FETP 老師繼續教育訓練與資助參與國際會議
6. **Role of Programs in Ebola Response?**
 - 建立分享訊息的平台，快速掌握疫情
 - 建立與協助 Ebola 疫情整備
 - 藉由 GOARN 聯繫 FETP 畢業生支援伊波拉應變

專題報告(3) The Importance and Role of Alumnae in FETP Training and Project Implementation. Presented by Philippines

下午由菲律賓 FETP 畢業校友基金會(Field Epidemiology Training Program Alumni Foundation, Inc. ,FETPAFI)主席 Dr. Ma. Nemia Sucaldito 分享畢業校友基金會的成立與運作。該基金會成立於 1995 年，目的是協助菲律賓 FETP 成長與發展。目前基金會會員有 103 名畢業生，其中 85 名為醫師，分布在公衛體系或 NGO。特過協會成立與運作，可以聯繫 FETP 畢業生並建立網絡，藉此提供不同領域的資師或是協助現場疫情調查。協會也可以爭取國際計畫或經費來源(如 WHO、USAID 等)，幫助 FETP 學員發展或研究。另由於 FETP 畢業生分布於不同衛生單位或部門，有助於不同機構或機關間之溝通與協調。

小組報告與討論(2): The Importance and Role of Alumnae in FETP Training and Project Implementation.

本場小組討論，被指派協助擔任小組討論助教，成員來自薩爾瓦多、洪都拉斯、菲律賓、新加坡、南非、西班牙、越南、及納米比亞，小組討論的議題與結果呈

現如下：

1. **Identify ways programs can successfully track and maintain contact with their alumni**
不同國家有不同做法，如建立畢業校友追蹤網路(如 Epi track)、社群網站 (Facebook)、Email 資料庫、FETP 畢業校友協會或是透過每期的核心人物進行聯繫。另也可以定期邀請畢業校友回計畫擔任導師或參與會議。
2. **What additional support or resources are needed for Programs to do this better?**
成立基金會或協會
資金的援助或是與其他機構、政府部門、國際捐助者建立夥伴關係
以資訊或秘書部門管理相關計畫資料
3. **Key next steps to better track alumni and involve them in supporting Program activities and new projects**
每年固定舉辦畢業校友參與的會議(正式或非正式活動)
提供參與國際會議的機會或是培養校友擔任研討會議摘要的審閱者
舉辦後 FETP 的訓練課程
由畢業校友擔任 FETP 學員現場疫調之指導者
各區域間交換畢業校友與學員訓練計畫
4. **Identification of resources that are available or still needed by Programs**
畢業校友間的資訊分享、經費支援校友參與國際會議或訓練、維護校友資料庫的人力支援、國際組織或政府提供小型研究計畫經費的贊助等。

十一月十四日

本日議程由 TEPHINET 主席及 EPIET、肯亞代表報告，之後進行小組討論及小組輪流上台報告討論成果。

專題報告(1)： Short Update on the Accreditation Project and Related Activities.

Dr. Dionisio 簡短說明有關推動 FETP 評鑑相關事情。FETP 評鑑或認證的規劃，從 2009 開始逐步進行(圖三)，在正準備開始啟動 FETP 的國家，FETP 認證手冊可以做為 FETP 規劃的準則，並使得 FETP 在開始時就有完整而強健的結構，而在已有 FETP 的國家，可以使用這份手冊來確保訓練過程符合 TEPHINET 的標準。認證的目的在於：助於加強培訓品質、增加全球應用流行病學的量能、為各國的 FETP 提供認證。認證的過程為：自我評估、遞交認證文件、由外部審查專家實地查核、國際認證組織複評及認證結果。而評鑑委員的組成除了由其他國家 FETP 或 TEPHINET 的委員組成外，另也包含 5 到 6 名資深公共衛生專家。Dr. Dionisio 於會中表示，TEPHINET 將於 2014 年 12 月正式發布評鑑訊息，並

鼓勵會員申請參加評鑑與認證，同時也希望在未來的 5—6 年內，能將 FETP 評鑑與認證納入常規標準，至於評鑑所需的經費，則由申請者負擔。

圖三、TEPHINET 推展 FETP 評鑑與認證規劃歷程



專題報告(2): The Importance of Quality in FETP training.

肯亞：肯亞的 FELTP 成立於 2004 年，是參考美國 CDC 的 EIS 創立，為 2 年期的訓練計畫，30-40% 為課程學習、60-70% 為實務訓練。計畫目前遭遇的主要挑戰為缺乏依據本國情況而制定的訓練標準、受限於人力與經費資源，無法調整最佳的訓練規模以達到預期的品質、在公衛服務與學術需求間取得平衡、結訓後就業途徑規劃、將建議轉化成公共衛生政策等。而歷年完成 FELTP 結業的比率約為 7 成，為了提升學員的完成率，肯亞 FELTP 與國際組織和大學合作，提供名譽講師、重新規畫課程，以及和衛生部和人力發展單位合作協助安排畢業生職場規畫，策略目標是希望在 2014 - 2019 年，每年可以培養 20 名完成訓練的流行病學家。

EPIET：EPIET 是一提供給歐盟及歐盟相關成員的流行病學訓練，同時也從不同層面來維護與持續提升訓練品質，包含：學員招募需遵照標準流程進行，課程安排分為入門課程及不同的培訓課程，提供足夠師資(每一位指導老師帶領 4-6 位學員，每 7 到 10 位學員會有一位 scientific coordinators)，設計 critical friend 機制協助改善訓練課程，訂定結業標準以及核心能力評量，建置清單或技術指引參考，以及由學員或畢業生進行計劃評量與意見回饋。總括來說，針對 EPIET 品質改善的各項措施已行之有年，部分計畫和培訓課程已有認證機制，目前則致力於定期評估與提升 EPIET 品質。

小組報告與討論(1) : How to Assure Quality Training in the FETPs.

由於前一天的小組間討論非常踴躍，因此大會為使各會員能有充分的時間討論，每個小組只聚焦一個問題並進行報告，本次參與小組討論議題與結果如下：

What areas would programs directors like more support in the improving quality of training?

可由不同面向來考量，包含：

1. 管理，基礎建設和運作：人力資源發展策略、實驗室對於特殊疫情調查與監測的支援(包含毒素或化學物質等)、有效的流行病學培訓工具或軟體、通訊設備、圖書室與電子文獻資源、提供學員相關設備(如筆電或書籍)、年度訓練課程自我評量、與大學合作發展課程與訓練教材、國際資金支持。
2. 整合公共衛生服務與價值：與獸醫部門加強人畜共通傳染病防治、加強與其他部門對救災的整合、參與利害關係人公共衛生決策過程、政府全額計畫資助。
3. 人員編制與導師：機構對畢業學員的承諾與支持、發展教師手冊與教師條件選擇、適當的學員與教師的比率、成立顧問委員會協助與支持計畫的發展與評估、提供繼續教育的機制。
4. **學員招募與訓練**：訂定招募條件與學員資格、使用標準與合適的訓練課程、制定標準的評量與評估機制

專題報告(3) : Disseminating Information about FETP Activities Locally, Regionally, and Globally. Presented by Australia, China

下午的專題是由澳洲和中國報告有關如何對地方、地區與全球發送FETP參與活動的訊息。澳洲的FETP是在1991年由大學來協助建置，目前是透過參與國際會議、網站、線上研討會、論文期刊發表等不同管道來傳遞FETP活動訊息。中國FETP成立於2001年，透過舉辦年度會議、創立刊物(中國現場流行病學報告)、每月工作簡訊、與媒體合作，邀請記者票選年度公衛新聞與每年提供相關新聞獎、以及與其他單位或國際夥伴合作等模式來發布FETP相關訊息，提升能見度。

小組報告與討論(2) : How to Disseminate Information about FETP Activities Locally, Regionally, and Globally.

本次參與的小組討論題目與結果如下：

Key Next Steps for Improving Information Dissemination

為加強 FETP 能見度，可分成不同層次來考量，包含：

1. 確認聽眾：誰會是訊息想傳達的對象？可能的聽眾包括衛生部、FETP 網絡、議會、大眾、媒體、政治人物、學術界等
2. 傳遞訊息的方式：口頭、書面、影像、電子等
3. 進行自我訊息與溝通能力評估
4. 與政府或衛生部發言人溝通
5. 改善對內部和外部訊息溝通之基礎設備，如網路、網頁、多語言介面等
6. 制定溝通計畫手冊與平台
7. 加強學術文章撰寫能力

十一月十五日

小組報告與討論(1) : Regional Interactions: Programs Overviews.

本時段的小組討論以 WHO 的分區進行分組，由於 Regional Office for Southeast Asia(SEARO)區出席的國家不多，故與台灣所屬的 Regional Office for Western Pacific(WPRO)的小組合併討論，各國代表參觀其他國家的海報，並由各國代表就海報內容簡介該國 FETP 之發展起源、現況、挑戰及特色等(圖四)，大家相互討論，為下一階段的小組報告做準備(圖五)。



圖四、各國與會代表在海報展示現場參觀其他國家的介紹並互相討論



圖五、 小組於會議室中進行討論，並由陳婉青醫師做成紀錄。

小組報告與討論(2)：Regional Presentations: Programs Overviews.

本次代表 SEARO/WPRO 報告者為本署陳婉青醫師，內容摘述如下：

1. Background

各個國家 FETP 計畫有不同差異性，有 2 年期、1 年期及 6 個月之訓練期間，有全職訓練或在職訓練，由政府機關經費援助或是外部機構資助，隸屬於衛生部、大學或兩者混合，結訓後有授予學位或沒有學位認證，部分國家有受訓獸醫師背景之學員。

2. Training Activity

所有國家的課程均依據 FETP 標準：課堂學習 30%、實務訓練 70%，指導老師與教練可來自畢業生、諮詢者、大學教職員等，訓練場所為中央政府機關、地方政府機關或大學。

3. Current Events

Ebola 與 MERS-CoV 的應變準備、越南、印尼、菲律賓及中國的麻疹群聚事件調查，韓國、日本及中國的發熱伴血小板減少綜合症(Severe Fever and thrombocytopenia Syndrome)調查與研究，以及非傳染性疾病(如高血壓、抽菸、癌症、事故傷害)防治等活動。

4. Priority and Challenges

跨境應變準備、畢業生及計畫計畫的品質、促進相互訓練與合作、IHR & APSED、經費來源與計畫的永續經營、資料及群聚事件訊息的分享與交換、新興傳染病及再浮現新興傳染病、各區間 FETP 的協調等。

5. Possible Solutions and Supports

撰寫計畫白皮書爭取經費、宣傳區域間成果如期刊發表或報告、溝通與資訊傳播能力評估、分享教材如 case study 及 e-learning、建立區域協調

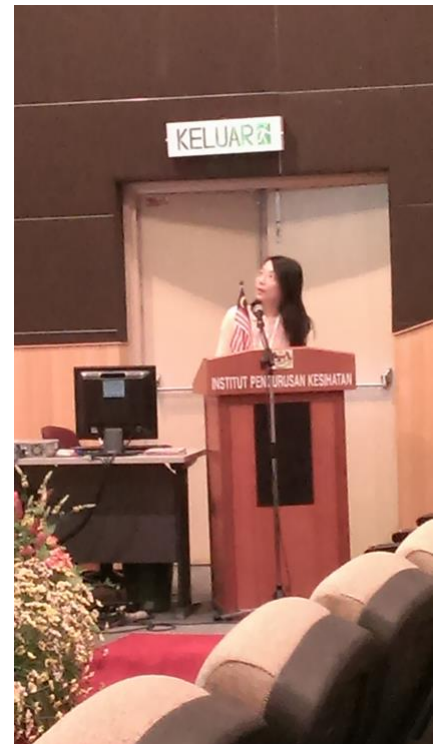
機構，統整各區域間活動

6. Quality Improvement

FETP 認證、相互分享最佳方法(技術及管理層面)，讓實驗室、環境衛生、人畜共通傳染病領域共同參與，辦理指導老師及畢業校友的繼續教育、運用新的科技及教學方式等。



圖六 陳婉青醫師代表 SEARO/WPRO 區上台報告



專題報告(1)：TEPHINET Secretariat Presentation: Current Priorities and New Projects.

下午由 TEPHINET 主席 Dr. Dionisio 報告目前秘書處運作情形，並也藉機回應這幾天大家討論的內容與對 TEPHINET 的期待。TEPHINET 於 1988 年成立，目前共有 59 個會員國家之 FETP 參與本組織，資金來源 90% 由美國 CDC 提供，由於 TEPHINET 的運作需要大量的資金，主席也積極參與募款。TEPHINET 的任務是提供高素質及完整訓練之應用流病專家以加強全球公共衛生之量能。目前發展重點有：推行 FETP 評鑑確保訓練計畫的品質、FET(L)P 及畢業生的認證、建立應用流行病學及實驗室的全球性網絡、促進資訊分享和知識培養、建構組織量能及全球、區域計畫發展的永續經營。在學術活動方面，除了每二年舉辦的全球性研討會之外，尚有每二年舉辦一次的地區性研討會，而 2015 年全球年會將於墨西哥舉辦。

專題報告(2)：Ebola

下午最後一小節的時間，大會特別邀請奈及利亞 FETP 主任 Dr. Oyemakinde 分享奈國這次動員 FETP 學員與畢業生參與伊波拉疫情調查與防治工作，並向全球成功示範 FETP 可以扮演的角色與功能，深獲與會者熱烈討論與掌聲。隨後由 Dr. Linda Quick 介紹 AFENET 派遣 FETP 學員和畢業生在西非伊波拉疫情參與的活動，未來希望可以在 2015 年初建置西非 FETP，培養應用流行病學家和在未受伊波拉影響國家，培養第一線公衛人員基本流病訓練與技能，以及呼籲其他 non-African Union 國家 FETP 可以投入西非防疫工作。最後由 GOARN 代表 Dr. Tony Stewart 說明 GOARN 投入在西非伊波拉疫情的活動，以及與 TEPHINET 的合作，會中並拋出一些議題如派遣 FETP 畢業生或是導師；派遣前的訓練；支援有疫情和高風險鄰近國家的流病培訓機制、建構將來國際應變量能等。不過由於疫情與需求仍持續在改變，因此會中有些議題並沒有最終結論，但可以確定的是，透過 GOARN 派遣去西非的人員，相關醫療保險與後送就醫等問題，會由 WHO 全權負責。會後，也與 Dr. Tony Stewart 交談，並表達台灣積極參與西非伊波拉疫情的意願。

十一月十六日

返回台灣

我們與奈國外賓 Dr. Oyemakinde 搭乘下午 2 點 10 分的班機離開馬來西亞吉隆坡，並於晚上 6 點 30 順利抵達台灣，在協助安排接送外賓與入住飯店事宜後，結束本次出國行程與任務。

心得

FETP 現場流行病學人才培訓，至今已有 59 個國家納為衛生體系中重要的人才培訓計畫，在新興與再新興傳染病的威脅下，特別是這次伊波拉疫情，或是奈及利亞 Dr. Oyemakinde 分享的經驗中，更凸顯公衛應用流行病學人才對防疫體系與疫情防治所扮演的角色，也因此美國 CDC 和 TEPHINET 希望可以在 2015 年建立西非 FETP 制度，而世界衛生組織和 GOARN 除了徵求流病學家支援有疫情的西非三國外，也希望其他國家 FETP 導師或畢業生能協助鄰近高風險國家進行第一線公衛人員的流病培訓機制。

本次全球主管研習與會國家將近 50 國，每個國家約有 1-2 位代表出席，距離上一次的主管會議已間隔 5 年，會議中藉由小組討論的機會得以認識其他國家代表，瞭解其他會員國成員的訓練計畫，而針對原本認識的會員國家，更可在此次會議中分享相關經驗。本次研習議題，圍繞在 FETP 評鑑、品質提升、增加能見度以及面臨的挑戰或困境。TEPHINET 主席雖然在大會中提出 FETP 評鑑制度，但私下詢問幾個 SEARO/WPRO 國家的代表，似乎有些與會者仍持保留態度。由於各國資源與計畫架構的差異性，因此面臨的需求與問題也不盡相同，而我們也應重新審視台灣 FETP 的優勢與挑戰，進而提升訓練品質與國際參與度。現階段參與 FETP 評鑑雖然並不在我們的優先考量範圍，但仍期許可以在未來的 5 年內做好準備，達到國際標準與要求。

這次會議中也感受到許多與會者大多深耕區域網絡或國際組織已久，和其他國家積極參與國際性活動比較起來，台灣 FETP 訓練因每年經費的遞減，在國際會議的出席與能見度較為薄弱，因此建議應給予學員更充分的機會走出台灣參與各項活動，為國際公共衛生盡一分力，以成為專業的公共衛生人才並期許未來能培養國際事務相關的流病專家，成為本署無形的資產與助益。

建議

1. 為增加台灣國際公共衛生事務參與能力，宜鼓勵台灣衛生調查訓練班積極參與 TEPHINET 所主辦之各項會議及活動。
2. 面對新興傳染病疫情與挑戰時，可考慮透過 TEPHINET 或是區域 FETP 網絡建立窗口或平台，以汲取相關疫情資訊與建議。



TEPHINET

Training Programs in Epidemiology and
Public Health Interventions Network



(Source: previous Directors' meeting in Lyon, France)

**TEPHINET
PROGRAM DIRECTORS' MEETING
November 13th – 15th, 2014
(Kuala Lumpur, Malaysia)**

**ADVISORY BOARD MEETING
November 16th**

BACKGROUND AND AGENDA

**CONFERENCE VENUE: INSTITUTE OF HEALTH MANAGEMENT
Ministry of Health of Malaysia**

Contact Information:

Dr. Dionisio Herrera: +1(404) 592 1447

Dr. Fadzilah Kamaludin: + 60122829510

1. **PLACE:** Institute of Health Management (Kuala Lumpur, Malaysia). : Jalan Rumah sakit, Off Jalan Bangsar, 59000 Wilayah Persekutuan, Kuala Lumpur
 - a. **PLENARY SESSION:** At Auditorium Delima - able to accommodate 100-200 people
 - b. **BREAK OUT ROOM:** 6 small rooms for 8-10 people
1 meeting room for Epicore Project
 - c. **ADVISORY BOARD:** Small Room for 15 people
2. **LANGUAGE:** The meeting will be held in English. If any participants require special assistance with language, please inform the Secretariat, and appropriate arrangements will be made to the extent possible.
3. **PARTICIPANTS:** Approximately 75 participants are expected to attend the meeting.
 - a. Directors of FETP members of TEPHINET
 - b. TEPHINET Advisory Board Members
 - c. Partners (CDC, WHO, ECDC, etc.)
 - d. Regional FETP Network Representatives
 - e. TEPHINET Secretariat
 - f. Other invited guests, such as Resident Advisors or Team Leaders of FETPs from CDC, WHO, or related organizations.

3. **BACKGROUND :**

These meetings are an important opportunity to discuss the vision of TEPHINET, the role of the Secretariat, the regions, the Programs and other partners in the global network. They are also an opportunity to discuss the implementation of key projects such as accreditation of member FETPs and related standards of quality assurance in training, so that any graduate of an accredited FETP/FELTP will be held to an international standard.

In addition, these meetings serve as an important opportunity to support the Program Directors of the FE(L)TPs with experts from TEPHINET, WHO, ECDC, CDC and other institutions who play an important role in identifying how we can collaboratively sustain the programs, the network, and the implementation of new activities at the global and regional levels.

As a representative organization for the global network of FETPs, TEPHINET holds these meetings every 2-3 years, funds allowing.

4. **OBJECTIVES OF THE MEETING:**

The main objective of this meeting is to discuss the above activities and set priorities for the global network in order to establish a clear implementation agenda for the coming year. Other key objectives of this meeting include:

- ❖ Review the strategic objectives and priority activities of the global network
- ❖ Share information about the progress of quality assurance and information sharing initiatives, including preliminary information from the accreditation process
- ❖ Identify opportunities for programs to collaborate; for example in a surveillance at the national, regional and global levels
- ❖ Identify strategies to improve the sustainability of the programs and the global network and further incorporate alumni into activities
- ❖ Information about the FETP activities in relation with the Ebola response

5. EXPECTED OUTCOMES:

- ❖ An outline of priority activities to be implemented in 2015 – 2018 and commitment of the programs to contribute to the achievement of these priorities
- ❖ Strategies for quality improvement tools and initiatives
- ❖ Identification of opportunities for collaboration with different partners and at all levels (national, regional, and international)
- ❖ Lessons learned from programs on supporting the sustainability of programs and input from directors on growing and sustaining the global network

6. GENERAL INSTRUCTIONS CONCERNING THE MEETING:

Plenary Sessions

In the plenary sessions the following topics will be presented:

- ❖ The present and future of FETP quality improvement tools and initiatives
- ❖ Disseminating results and best practices among FETPs and their partners
- ❖ Sustaining the FETPs and global network collaboration
- ❖ The role of alumnae in the global network
- ❖ Work being completed by the regional networks

7. PRESENTATIONS BY PARTICIPANTS:

The meeting will also include small group discussions on each of the plenary sessions, with time allotted for each group to share their work with the rest of the participants.

In addition, each regional coordinating director will submit a maximum of 10 slides for a regional presentation.

- **Background information:** Name of program, year founded, host(s), number of alumni
- **Program Overview:** Curriculum and field activities, training field sites, field supervision, etc.
- **News:** Report on current events
- **Successes:** Priorities and challenges of the programs

- Key accomplishments of the past year
- Key activities planned for next year
- Key challenges the region and its programs have faced, as well as possible solutions and support needed
- Other requests and information about the region
- **Quality Improvement:** Maintenance or new initiatives

AGENDA FOR PROGRAM DIRECTORS

DAY 1, November 13th	
Time	Activity
08:00 - 08:30	<i>Registration and Coffee</i>
08:30 - 09:00	<p><u>Plenary Session:</u> Welcome and Opening Remarks, Introduction of Participants & Meeting Goals General Director of Malaysia Dr. Fadzilah Kamaludin (Chair of the TEPHINET Advisory Board) Dr. Dionisio Herrera, Director of TEPHINET</p>
09:00 - 09:30	<p><u>Presentation:</u> Malaysia EIP's role in the MOH for implementing International Health Regulations: Opportunities for Collaboration and Quality Improvement Dr. Fadzilah Kamaludin, Director of Epidemiology of Malaysia Moderators: Fadzilah Kamaludin and Dionisio Herrera</p> <p>Purpose: To provide an example of the integration of the Programs in the function of the MOH and the role of the Program in implementing IHRs</p> <p>Outcomes:</p> <ul style="list-style-type: none"> • An opportunity to provide examples of the importance of the FETP to the MOH • Introduce priorities of the EIP Malaysia Program, including key field activities currently being undertaken
09:30-10:15	<p><u>Presentations:</u> FETPs Impact in the Support of MOH Activities and Sustainability of the Programs Presented by: Chakrarat Pittayawonganon-Thailand, Ibrahim Iblan-Jordan, Mufuta Tshimanga - Zimbabwe Moderator: Member of the advisory Board. (MAB) Kashef Ijaz (CDC) -</p> <p>Purpose:</p> <ul style="list-style-type: none"> • To introduce the specific missions of some Programs and key public health objectives of the MOH's these Programs support • To describe how Programs have contributed to and impacted some of the priority objectives of the MOH in their country • To describe the impact of Program activities on the public health system overall <p>Outcomes:</p> <ul style="list-style-type: none"> • Identification of key MOH priorities Programs have supported well • Sharing of best practices and areas for collaboration among FETPs • Contribution of the programs to the global network
10:15 – 10:45	<u>Small Group Discussions:</u> Growing and Sustaining Programs and the Impact of

FETPs on MOH priorities and on Building Public Health Capacity in Countries

Group Facilitators: TBD

Purpose:

The purpose of this session is to develop a reference document on how Programs can improve and collaborate with each other and with TEPHINET to produce results in this area.

- Examples of documented/measured impacts the Programs have had towards supporting key MOH priorities
- Identify key challenges for growing and sustaining Programs – include key aspects to consider by Program or region
- Explore ideas for improving the work and sustainability of the Programs, including key partners to do so
- TEPHINET's role in supporting the impact and sustainability of FETPs

Method:

Participants will be divided into small groups of 8 - 10 people, with representation from different regions. A facilitator will join each group to guide the process and keep track of time. After the coffee break, each group will do a short presentation.

Outcomes:

- Identify the capacities of the FE(L)TP programs in this area
- Regional or country-level considerations
- Identify resources and partners within countries and/or regions to support and/or be involved in activities
- Agreement with the key points of the document and key activities to be followed up on as a result of this discussion

Questions to Consider:

- What are some key examples of Programs impact in country?
- Key challenges? Key partners?
- Key aspects to consider by Program or region?
- How can TEPHINET support this aspect, and specific next steps?
- Role of the programs in the Ebola response

10:45-11:15	<i>Coffee Break and Group Photo</i>
11:15-12:00	Wrap Up of the Small Group Discussions
12:00-13:00	<u>Small Group Presentations:</u> Moderator: Member of the advisory Board. (MAB) Kashef Ijaz (CDC) (Please refer to the Purpose section above for the presentation template)
13:00 - 14:00	<i>Lunch Break</i>
14:00 - 14:45	<u>Presentations:</u> The Importance and Role of Alumnae in FETP

	<p>Training and Project Implementation Presented by: FETP of Nemia Sucaldito-Philippines, Sanjay Mehendal- India, Ronald Skewes- Dominican Republic Moderator: Hari Santoso – Indonesia, Carmen Varela - ECDC</p> <p>Purpose</p> <ul style="list-style-type: none"> • Discuss how programs currently track their alumni • Discuss ways in which the alumnae already successfully support the FETPs • Discuss ways in which alumnae can support the Programs and the global network more, and how Programs and TEPHINET can engage alumni <p>Outcome:</p> <ul style="list-style-type: none"> • Suggestions for how Programs can better track their alumni, maintain contact with them and utilize this network to support Program activities and the development of new projects
14:45 - 15:30	<p>Small Group Discussions: The Importance and Role of Alumnae in FETP Training and Project Implementation Group Facilitators: TBD</p> <p>Purpose: The purpose of this session is to create a summary document on how Programs can improve and collaborate with each other and with TEPHINET in this area.</p> <ul style="list-style-type: none"> • Identify ways programs can successfully track and maintain contact with their alumni • What additional support or resources are needed for Programs to do this better? • Identify particular considerations within a region or Program. • Key next steps to better track alumni and involve them in supporting Program activities and new projects • Identification of resources that are available or still needed by Programs <p>Method: Participants will be divided into small groups of 8-10 people, with representation from different regions. A facilitator will join each group to guide the process and keep track of time.</p> <p>Outcomes:</p> <ul style="list-style-type: none"> • Suggestions for how Programs can better track their alumni, maintain contact with them and utilize this network to support Program activities and the development of new projects
15:30 - 15:45	<i>Coffee Break</i>

15:45 - 16:15	Wrap Up of the Small Group Discussions
16:15 - 17:15	<u>Small Group Presentations:</u> Moderator : Hari Santoso - Indonesia ; Carmen Varela - ECDC <i>(Please refer to the Purpose section above for the presentation template)</i>
17:15 - 17:30	<i>Summary and Close of Meeting- announcements</i>
19:00 - 21:00	<i>Reception (at the Meeting Location)</i>

DAY 2, November 14th	
Time	Activity
08:30 - 09:00	Meeting Opening and Arrival
09:00 - 09:30	<p>Short Update on the Accreditation Project and Related Activities Presenters: Dionisio Herrera and Erika Meyer Purpose: The purpose of this session is to provide the global network of Directors and attending partners with an update on:</p> <ul style="list-style-type: none"> • The progress of the accreditation project to date, including major deliverables that have been completed • Initial feedback and Programs participating in the initial cycle • The plan and timeline for any future cycles <p>Outcome:</p> <ul style="list-style-type: none"> • Meeting participants are clear on what activities are currently underway on this project, as well as next steps and the timeline moving forward
09:30– 10:00	<p>Presentation: The Importance of Quality in FETP Training Presented by : Linda Quick- CDC , Yvan Hutin- EPIET, and Samuel Amwayi- Kenya Moderator: Katharina Alpers – Germany; Nemia Sulcadito – Philippines</p> <p>Purpose</p> <ul style="list-style-type: none"> • Identify the main challenges to consider in relation to the quality of FETP training • Discuss the value of accreditation to support the quality of the training • Provide examples (preferably documented or measured) of successful training improvements • Discuss suggestions for program quality improvement initiatives • Discuss the role of mentors and ideas about how mentors and other external partners can best serve the training needs of FETPs <p>Outcome:</p> <ul style="list-style-type: none"> • Clarify challenges to quality training, suggestions and recommendations to improve it, examples of this, and how regional networks, mentors and partners like WHO, CDC, ECDC, TEPHINET secretariat, and others can help
10:00 - 11:00	<p>Small Group Discussions: How to Assure Quality Training in the FETPs Group Facilitators: TBD</p> <p>Purpose: The purpose of this session is to create a summary document regarding challenges and possible solutions to assuring that FETP graduates have achieved program competencies, and maintaining a minimum standard across the network.</p>

	<p>Method: Participants will be divided into small groups of 8 - 10 people, with representation from different regions. A facilitator will join each group to guide the process and keep track of time.</p> <p>Outcomes:</p> <ul style="list-style-type: none"> • Identify opportunities for the programs to collaborate with the regional network, with the WHO regional office, CDC, ECDC, TEPHINET secretariat and others to improve the training • Clarity around the value of the FETPs and TEPHINET as a platform for quality field epidemiology training across the globe <p>Questions to Consider:</p> <ul style="list-style-type: none"> • What are some main challenges? Have other programs faced these? • Potential solutions – that may or may not yet been implemented • What areas would program directors like more support? • What are some success stories in quality improvement? • What role can partner organizations, mentors and regional networks play in supporting quality training resources?
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 12:00	Wrap Up of the Small Group Discussions
12:00– 13:00	<p>Small Group Presentations: Moderator: Katharina Alpers – Germany; Nemia Sulcadito – Philippines <i>(Please refer to the Purpose section above for the presentation template)</i></p>
13:00 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	<p>Presentations: Disseminating Information about FETP Activities Locally, Regionally, and Globally Presented by: FETPs of Martyn Kirk- Australia, Marta Paiva-Brazil, Guoqing Shi-Rep Popular of China Moderator: Elizeus Rutebemberwa (Uganda)</p> <p>Purpose:</p> <ul style="list-style-type: none"> • Identify the most valuable platforms for Programs to share information about their activities and accomplishments • Share information about key persons Programs should consider keeping fully informed, and what mechanisms exist to reach these key supporters, if any • Discuss how TEPHINET can improve upon the annual scientific conferences in terms of: <ul style="list-style-type: none"> ○ Participants ○ Frequency

- Financial support
- Locations
- Quality of abstracts
- What existing journal should TEPHINET officially collaborate with to guarantee that FETP work is being reviewed by technical officers in the global network and that residents and graduates are publishing their work?
- How can we build the TEPHINET online library with updated case study information? And e-learning that is accessible to the global network?

Outcomes:

- Identification of key people and venues for information dissemination, some key ways the TEPHINET scientific conference series can be improved, and the value of a specific journal in supporting this

14:30-15:30

Small Group Discussions: How to Disseminate Information about FETP Activities Locally, Regionally, and Globally

Group Facilitators: TBD

Purpose:

The purpose of this session is to facilitate discussion and create a summary document on Disseminating Information about FETP Activities Locally, Regionally, and Globally.

- Any updates or recent changes to how Programs are disseminating their information and to whom?
- Some examples of what has worked and what has not to get people who are external to the Program informed about key activities and accomplishments of the Program
- Particular regional or country challenges
- Identify other persons or mechanisms for disseminating information such as ways to improve upon TEPHINET scientific conferences and any specific suggestions on e-journal collaborations
- Key next steps for improving information dissemination

Method

Participants will be divided into small groups of 8 - 10 people, with representation from different regions. A facilitator will join each group to guide the process and keep track of time.

Outcomes:

- Identification of key people and venues for information dissemination, improvements to the TEPHINET scientific conference series, and the value of a specific journal in supporting this aspect
- Key strategies and next steps for updating content on the TEPHINET library, including publications by the global network, e-learning, case studies, etc.

	<p>Questions to Consider:</p> <ul style="list-style-type: none"> • How do you currently disseminate information, is there anyone else you wish could remain abreast of Program accomplishments? • What has worked and has not? • What can TEPHINET do to help?
15:30 - 15:45	<i>Coffee Break</i>
15:45– 16:30	Wrap Up of the Small Group Discussions
16:30 - 17:30	<p>Small Group Presentations: Moderator: Elizeus Rutebemberwa (Uganda) <i>(Please refer to the Purpose section above for the presentation template)</i></p>
17:30-18:00	<i>Summary and Close of Day 2</i>
19:00 - 22:00	<i>Official Dinner in the City of Kuala Lumpur (transport provided)</i>

DAY 3, November 15th

Time	Activity
08:30- 09:00	Summary Session: Important Points from Day 2 and Overview of Day 3 Moderated by: Dionisio Herrera and Erika Meyer
09:00- 11:00	Regional Interactions: Programs Overviews Meeting by region. Proposes and discuss strategic priorities in each region. Moderated by members of the Advisory Board <i>Prepare to share with all the programs:</i> <ul style="list-style-type: none"> • Background information: Name of program, year founded, host(s), number of alumni • Program Overview: Curriculum and field activities, training field sites, field supervision, etc. • News: Report on current events • Priorities and challenges of the programs, including: <ul style="list-style-type: none"> ○ Key accomplishments for the past year ○ Key activities planned for next year ○ Key regional challenges faced; possible solutions and support needed • Quality Improvement: Maintenance or new initiatives
11:00 -11:15	<i>Coffee Break</i>
11:15- 13:15	Regional Presentations: Program Overviews Presented by: a representative from each region—the Advisory Board Member, Regional Network Director or other designated regional representative (TBC) Moderated by: Fadzilah Kamaludin and Dionisio Herrera Purpose: This is an opportunity for participants to hear about the priorities, accomplishments, and future plans of each of the other regions. This will inform the network about activities being conducted in each region so further networking and information sharing can occur. Additionally, regions will present information regarding their Ebola response activities, if any. Method: Each region will have 20 minutes to present information from their region and answer questions from the assembly.
13:15 -14:15	<i>Lunch Break</i>
14:15- 15:15	<i>Update about the Ebola response efforts</i>

	<p>Moderated by: Fadzilah Kamaludin and Dionisio Herrera Information about the activities planned by different programs in response to the Ebola epidemic, as well as opportunities for collaboration.</p>
15:30- 16:30	<p><u>TEPHINET Secretariat Presentation: Current Priorities and New Projects</u> Presenters: Dionisio Herrera and Erika Meyer</p> <p>Purpose: This is an opportunity to share currently planned activities for the next year, accomplishments from last year, and input received from directors at this meeting with the global network.</p> <ul style="list-style-type: none"> • Some accomplishments from 2013-2014: information sharing, web content, e-learning, accreditation, etc. • Strategic Activities Planned for 2015 – 2018, including accreditation • Current Funding for 2014 Activities • Timeline for Key Activities in 2015 -2018 <p>Outcomes:</p> <ul style="list-style-type: none"> • Better understanding of some ways TEPHINET supports the global network and plans to continue to support the network • Acknowledgement of key points obtained from the meeting for the global network that will be disseminated in a final report
16:00- 17:00	<i>Final Meeting Adjournment</i>

DAY 4, November 16th	
Time	Activity
08:30- 12:30	<p><u>TEPHINET Advisory Board Meeting</u> Agenda TBC</p>