

## FETP Models

There has been incredible diversity in how FETPs and similar programs have been designed and implemented, while still adhering to the following basic parameters:

- Learning is competency-based
- Duration of training is 2 years of full-time participation, or the equivalent spread over longer period of time
- The programs and the trainees learn by working on service projects that are of benefit to the Ministry of Health
- At least 60% of the training time is spent in a mentored field placement
- The program is managed by the MOH, or if the program is managed by another organization such as a university then the MOH is a co-sponsor. The objectives of the program are to meet MOH needs, both in terms of the competencies of the graduates and also in the value to the MOH of the projects that the trainees work on during field placements.

The following sample of 10 programs represents the different ways that the EIS model has been implemented. A brief summary of each program is provided to illustrate the variations. For additional information about the programs we suggest the following: TEPHINET website ([www.tephinet.org](http://www.tephinet.org)), DIH/OGH/CDC, or contact the program directly. A directory of the programs affiliated with TEPHINET, with contact information for each, is available on their website.

### EIS Program

***Year started:*** 1951

***Country(ies):*** United States

***International participants:*** approximately 15% of each class

***Lead organization:*** Centers for Disease Control and Prevention (CDC)

***Other organizations:*** none

***Certification of graduates:*** certificate from CDC

***Participants' educational background:*** physicians, veterinarians, nurses, doctoral level epidemiologists, statisticians, microbiologists, anthropologists. Many have MPH degrees.

***Are recruits usually MOH employees?*** no

***What are participants called?*** officers

***Duration of classroom component:*** ~7 weeks (includes 2 scientific conferences)

***Duration of field placement:*** ~20 months

***Location(s) of field placements:*** CDC programs and State health departments, mainly

***Supervisor in field placement:*** In CDC programs this is a staff epidemiologist who is an EIS graduate. In the State health departments this is usually the State epidemiologist or possibly another epidemiologist who is an EIS graduate. Officers in State health departments also have a CDC supervisor.

***Number of students/residents/trainees admitted in 2004:*** ~80

***Number of fulltime technical staff:***

***Number of administrative staff:***

Website: [www.cdc.eis.gov](http://www.cdc.eis.gov)

### **Thailand FETP**

**Year started:** 1980

**Countries:** Thailand

**International participants:** in a companion international program

**Lead organization:** Ministry of Public Health

**Other organizations:** none

**Certification of graduates:** certificate from MOH

**Participants' educational background:** physicians, veterinarians, etc....

**Are recruits usually MOH employees?** yes

**What are participants called?**

**Duration of classroom component:** ~6 weeks

**Duration of field placement:** ~20 months

**Location(s) of field placements:**

**Supervisor in field placement:**

**Number of students/residents/trainees admitted in 2004:**

**Number of fulltime technical staff:**

**Number of administrative staff:**

**Additional comments:** Thailand also has an international epidemiology training program for students in neighboring countries.

**Website:**

### **Saudi Arabia FETP**

**Year started:** 1989

**Country:** Saudi Arabia

**International participants:** some from Oman

**Lead organization:** Ministry of Health

**Other organizations:** university or organization that grants diploma or recognizes FETP as part of specialty qualification

**Certification of graduates:** Diploma in Field Epidemiology?

**Participants' educational background:** physicians, etc.

**Are recruits usually MOH employees?** yes

**What are participants called?**

**Duration of classroom component:** ~5 weeks

**Duration of field placement:** ~20 months

**Location(s) of field placements:** central MOH programs

### **Australian FETP or MAE Program**

**Year started:** 1991

**Country:** Australia

**International participants:** some from Pacific islands?

**Lead organization:** National Center for Epidemiology and Public Health, Australia  
National University  
**Other organizations:** close working relationship with the Ministry of Health and the State health departments  
**Certification of graduates:** Masters degree in Applied Epidemiology (MAE)  
**Participants' educational background:** physicians, etc.  
**Are recruits usually MOH employees?** No? Sponsored by States?  
**What are participants called?** Students?  
**Duration of classroom component:** ~5 weeks  
**Duration of field placement:** ~20 months  
**Location(s) of field placements:** State health departments  
**Supervisor in field placement:** State epidemiologist and/or graduate of the Australian FETP who is working in the State?  
**Number of students/residents/trainees admitted in 2004:**  
**Number of fulltime technical staff:**  
**Number of administrative staff:**  
**Additional comments:**  
**Website:**

### **Uganda PHSWOW**

**Year started:** 1994  
**Country(ies):** Uganda  
**International participants:** a few  
**Lead organization:** Institute of Public Health, Makerere University  
**Other organizations:** close working relationship with the Ministry of Health  
**Certification of graduates:** Masters in Public Health Degree  
**Participants' educational background:** physicians, veterinarians, etc  
**Are recruits usually MOH employees?**  
**What are participants called?** students  
**Duration of classroom component:** 7 months  
**Duration of field placement:** ~15 months  
**Location(s) of field placements:** District Health Offices  
**Supervisor in field placement:** District Medical Officers of Health  
**Number of students/residents/trainees admitted in 2004:** ~80  
**Number of fulltime technical staff:**  
**Number of administrative staff:**  
**Additional comments:** offers broad MPH curriculum with a field epidemiology focus. A strength is that students work on projects that are directly relevant to the districts.  
**Website:**

### **EPIET**

**Year started:** 1995  
**Countries:** regional program serving ~15 European countries  
**International participants:** occasional participant from outside Europe

**Lead organization:** EU? EPIET office?  
**Other organizations:** National Ministries of Health  
**Certification of graduates:** certificate  
**Participants' educational background:** physicians, veterinarians, etc  
**Are recruits usually MOH employees?**  
**What are participants called?** fellows  
**Duration of classroom component:** ~xx weeks  
**Duration of field placement:** ~xx months  
**Location(s) of field placements:** National Ministries of Health, in country different from country of origin.  
**Supervisor in field placement:** National epidemiologist.  
**Number of students/residents/trainees admitted in 2004:**  
**Number of fulltime technical staff:**  
**Number of administrative staff:**  
**Additional comments:**  
**Website:** [www.epiet.org](http://www.epiet.org)

### **India MAE (FETP?)**

**Year started:** 2001  
**Country:** India  
**International participants:** no  
**Lead organization:** National Institute of Epidemiology, Indian Council of Medical Research  
**Other organizations:** degree awarded by Sree Chitra Tirunal Institute for Medical Sciences and Technology. Degree recognized by Medical Council of India  
**Certification of graduates:** Masters degree in Applied Epidemiology (MAE)  
**Participants' educational background:** physicians  
**Are recruits usually MOH employees?** Yes, sponsored by their States. Future cohorts open to private sector.  
**What are participants called?** Scholars  
**Duration of classroom component:** ~6 months  
**Duration of field placement:** ~18 months  
**Location(s) of field placements:** State health departments  
**Supervisor in field placement:** State epidemiologist?  
**Number of students/residents/trainees admitted in 2004:** 9  
**Number of fulltime technical staff:** 5, including program director  
**Number of administrative staff:**  
**Additional comments:**  
**Website:**

### **China FETP**

**Year started:** 2001  
**Country:** China  
**International participants:** no

**Lead organization:** China CDC  
**Other organizations:**  
**Certification of graduates:** certificate from MOH  
**Participants' educational background:** physicians  
**Are recruits usually MOH employees?** Yes  
**What are participants called?** trainees  
**Duration of classroom component:** ~  
**Duration of field placement:** ~  
**Location(s) of field placements:** Provincial health departments  
**Supervisor in field placement:** State epidemiologist?  
**Number of students/residents/trainees admitted in 2004:** 15, with plans to increase to 50 per year starting in 2008  
**Number of fulltime technical staff:**  
**Number of administrative staff:**  
**Additional comments:** mentoring workshop, regional FETP centers,  
**Website:**

### **Central Asia AETP**

**Year started:** 2003  
**Countries:** regional program serving Khazakistan, Uzbekistan, Kyrgistan, Turkmenistan, Tajikistan  
**International participants:**  
**Lead organization:**  
**Other organizations:** Ministries of Health in each country  
**Certification of graduates:** certificate  
**Participants' educational background:** physicians...  
**Are recruits usually MOH employees?** yes  
**What are participants called?**  
**Duration of classroom component:** ~5 weeks  
**Duration of field placement:** ~20 months  
**Location(s) of field placements:**  
**Supervisor in field placement:**  
**Number of students/residents/trainees admitted in 2004:**  
**Number of fulltime technical staff:**  
**Number of administrative staff:**  
**Additional comments:**  
**Website:**

### **Kenya FELTP**

**Year started:** 2004  
**Countries:** Kenya primarily, but will accept residents from other African countries  
**International participants:** anticipating participant from Tanzania in 2005  
**Lead organization(s):** Kenya MOH, Kenya Medical Research Institute, and Jomo Kenyatta University of Agriculture and Technology

***Other organizations:*** CDC/Kenya

***Certification of graduates:*** Masters degree in Field Epidemiology or Masters degree in Epidemiology and Laboratory Management

***Participants' educational background:*** physicians, laboratorians

***Are recruits usually MOH employees?*** yes

***What are participants called?*** residents

***Duration of classroom component:*** ~2 ½ months

***Duration of field placement:*** ~16 months

***Location(s) of field placements:*** Central MOH programs and laboratories, KEMRI/Nairobi and KEMRI/Kisumu sites.

***Supervisor in field placement:***

***Number of students/residents/trainees admitted in 2004:*** 7

***Number of fulltime technical staff:*** 1.5

***Number of administrative staff:*** 1.5

***Additional comments:*** first program to combine field epidemiology and laboratory management training in the same program

***Website:***