

## HOW TO APPLY?

Candidates who are interested should fill in SEAMEO-TROPED fellowship or IMR Application Form and follow the application procedures.

\*SEAMEO-TROPED fellowship and IMR Application Form can be obtained from IMR website:  
<http://www.imr.gov.my/index.php/en/training/course-a-training>

## APPLICATION PROCEDURES

### FULL DAP&E COURSE

#### a) SEAMEO TROPED Programme

Applications must be made using SEAMEO-TROPED fellowship forms obtainable from IMR Website or from SEAMEO-TROPED Secretariat, Faculty of Tropical Medicine, Mahidol University, 420/6 Rajvithi Road, Bangkok 10400, Thailand. Applications must be made through the applicant's government to the SEAMEO-TROPED Secretariat in Bangkok. Applications are open to applicants from ASEAN member countries only.

#### b) Other sponsors and private candidates

Candidates who received sponsorship from other agencies (such as: applying for WHO scholarship or sponsored by own country) are required to specify sponsorship write in the application form. The application must be to the Director, SEAMEO TROPED Network Malaysia, Institute for Medical Research, National Institutes of Health (NIH) and to the Secretariat of SEAMEO TROPED Network Malaysia, Institute for Medical Research.

### MODULAR COURSE

Applications must be submitted to the Director, SEAMEO TROPED Network Malaysia / Institute for Medical Research, and to the Secretariat of SEAMEO TROPED Network Malaysia, Institute for Medical Research.

### DEADLINE OF SUBMISSION

Not later than 8 weeks before the commencement of the course

### ACCOMMODATION

The Institute will provide hostel rooms (with basic facility and shared bathroom).  
Food is not provided in the hostel.



### FURTHER INFORMATION

For further enquiries, prospective applicants can communicate with the respective official preferably by email:

THE SECRETARIAT  
SEAMEO-TROPED NETWORK MALAYSIA  
INSTITUTE FOR MEDICAL RESEARCH (IMR),  
NATIONAL INSTITUTES OF HEALTH (NIH),  
1 JALAN SETIA MURNI U13/52, SECTION U13, SETIA ALAM,  
40170 SHAH ALAM, SELANGOR, MALAYSIA

☎ 603-3362 8068 ✉ [seameo@moh.gov.my](mailto:seameo@moh.gov.my) 📌 Seameo Tropmed Network Malaysia



# Diploma in Applied Parasitology & Entomology (DAP&E)

Course Duration:

14<sup>th</sup> June - 24<sup>th</sup> December 2021

SEAMEO-TROPED Regional Centre for  
Microbiology, Parasitology & Entomology,  
Institute for Medical Research (IMR)  
Setia Alam, Selangor

## OBJECTIVE

This course aims to provide an overview of the major parasitic diseases of man and their vectors. The training provided would enable the participants to;

- Understand, interpret and apply the basic epidemiological and statistical methods.
- Understanding of the biology and the life cycles of the major parasites and of their vectors or intermediate hosts.
- Identify (diagnosis) of the major parasites, vectors and intermediate hosts of some parasitic diseases using basic and molecular approaches.
- Understanding the pathogenesis and pathology of the major parasitic diseases and the immune responses to these parasites.
- Appreciate the epidemiology of the major parasitic infections.
- Appreciate methods available for chemotherapy and control of the parasitic diseases.
- Comprehend methods used in the studying of medical entomology in the laboratory and in the field.
- Enable to conduct own research projects.

The course is designed to train scientists, doctors and other health personnel for research, diagnostic services, control programmes and teaching institutions in Applied Parasitology and Entomology.

## ENTRANCE REQUIREMENT

Applicant must have:

- A good command of English because the course and examinations will be conducted in English language.
- Basic degree in medical, biological or health sciences.
- Working in the field of entomology, parasitology, arthropods borne diseases control or related areas.
- Should be between 23 to 46 years old at the closing date of the application
- Should be certified medically and physically fit to participate in this programme

## COURSE METHODOLOGY

Consist of lectures, demonstrations, hands-on laboratory practicals, field trips to collect samples and study visits, preparation of dissertation, conduct short research project, post module assessment, and final examination (consists of theory and practical assessment).

## COURSE MODULES

The Course consists of the following modules:

- |  |   |  |
|--|---|--|
|  Presentation skill for new author         |  Molecular Biology             |  Acarology        |
|  General Principles in Infectious Diseases |  Biostatistic and Epidemiology |  Parasitology     |
|  Hematology and Immunology                 |  Medical Entomology            |  Research Project |

## COURSE FEE

### DAP&E FULL COURSE

Every participant is required to pay a course fee of **RM 18,500.00** (exclusive of food and accommodation) before commencement of the course.

### DAP&E MODULAR COURSE

Participant may also apply to attend a particular module offered by the course. The participants will join the class with the other participants of the course, including practical sessions. However, acceptance to the modular course is subject to availability of seats.

Modular Courses offered during the DAP&E course;

NO	MODULES	APPROX. DURATION
1	Presentation Skill for New Author	1 week
2	General Principles in Infectious Diseases (Hematology, Basic Immunology, Molecular Biology, Principles of Epidemiology and Biostatistic)	3 weeks
3	Introduction to Medical Entomology	1 day
4	Vectors of Arboviral Diseases	3 days
5	Vectors of Malaria and Filariasis	1 week
6	Other Vectors and Pests of Importance to Food and Tourism Industries	1 week
7	Principles and Techniques in Insecticides Application	3 days
8	Applied Entomology Tools and Techniques for Field Workers	1 week
9	Acarology for Public Health Worker	2 weeks
10	Arthropod Borne Protozoan Diseases	2 weeks
11	Arthropod-Borne Nematode Diseases	1 week
12	Nematode Diseases from Fecal-Oral Route	1 week
13	Disease Spectrum Attributed to Intestinal and Free Living Protozoas	2 weeks
14	Human Co-Existence with Trematodes and Cestodes	1 week

## ASSESSMENT OF CANDIDATE

There will be continuous assessment of the candidate through the Course:

- Assessment at the end of each module
- Assignment of literature review including oral presentation
- Assessment of research project conducted
- Final examination (theory, practical, spot test, and viva voce)

The decision of the Board of studies regarding the examination result is final. Successful candidates who completed the full course will be awarded the Diploma in Applied Parasitology and Entomology. Certificates of attendance will be provided for those attending individual modules.

