Internship for
Development, and deployment of a mobile application dedicated to health data
at the Epidemiology and Public Health Unit at the Institut Pasteur in Cambodia

STATUS: part time or full time, 6-12 months, located in Phnom Penh

Institut Pasteur in Cambodia (IPC) was created in 1953 to contribute to the diagnosis and study of infectious diseases and to their prevention, in close partnership with the country's public health authorities. Its Pasteurian missions are defined in accordance with governmental priorities in public health on emerging infectious diseases, providing local and international scientists with training and opportunities for biomedical research which are unique in the country.
The team of scientists at Institut Pasteur in Cambodia conducts innovative research combining clinical research, microbiology, virology, immunology and epidemiology.

INTERNSHIP SUMMARY

The primary task to be accomplished by the fellow would include the development, implementation and deployment on sites of a mobile application dedicated to health data and more specifically laboratory results, in order to improve the quality and the delay of results feedback to prescribing doctors in a research study conducted by Institut Pasteur du Cambodge.

ESSENTIAL DUTIES

During this Internship the fellow would:

- take charge of and get acquainted with the current application,
- get acquainted with the current tracking process and the role of each actor,
- follow the earliest operating months to consider all using reports and adapt the application,
- listen to the field actors and their problems with the application, and improve it depending on these feedbacks,
- adapt the application to another area and other interfaces (IPhone, Tablet, PC, Mac) for the same research project,
- adapt the application to other similar studies.

ELIGIBILITY / QUALIFICATIONS

The successful fellow should be interested by research as s/he will be integrated in a research institute. The ideal fellow should be able to communicate well with the researchers' team in order to well define their needs and to develop the best e-tools.

The required technical skills are as follow:
- the programming languages Java and Xml
- mobile development basics, could be completed during the fellowship

- very good knowledge of English
- good organizational skills
- ability to work independently

The following qualifications are a plus:

- knowledge of iOS application development and web
- being familiar with data base creation (Epidata, Access, REDCap)
- adaptability to work in an intercultural context in an international research atmosphere.