Asia-Pacific Institute of Tropical Medicine and Infectious Diseases (APITMID)

Transdisciplinary Research for Public Health in the Asia-Pacific Region

Description	The Asia-Pacific Institute develops programs in partnership with institutions in Asian and Pacific countries. The mission is to use the latest technology to monitor infectious diseases in that region, and to use these data to develop early-warning systems for epidemic transmission. The goal is to build laboratory and epidemiologic capacity in selected countries where epidemic infectious diseases commonly occur. Syndromic surveillance and pathogen discovery programs are developed that allow effective monitoring of both old and new diseases in the Asia-Pacific region. Data collected in these systems are used to develop effective prevention and control strategies. The Institute has an immediate impact on community health through research projects conducted in close partnership with the State of Hawaii Department of Health, the Department of Defense and the biotech industry in Hawaii.
Purpose	The mission is to develop a balanced, transdisciplinary research program that focuses on basic, translational, and field research on microbial diseases of public health importance in the Asia-Pacific region.
Scope	Regional – Asia-Pacific
Primary Funders	State of Hawaii, National Institutes of Health COBRE grant, others unknown.
Participants & Key Collaborators	University of Hawaii at Manoa, Hawaii State Department of Health (Divisions of Disease Outbreak Control and Communicable Diseases, and State Division of Laboratories), East-West Center, Hawaii Biotech, Inc., Maui High-Performance Computing Center, Department of Defense (U.S. Pacific Command, Tripler Army Medical Center, U.S. Navy Preventive Medicine Unit No. 6), U.S. Government Laboratories in Thailand, Indonesia, and Viet Nam.
Definition of One Health	In the context of emergent and re-emergent infectious disease, a combination of factors including population growth, urbanization, and movement of people and animals all contribute to the development of new diseases.
Monitoring & Evaluation Strategy	Multiple phases are planned for implementing the program. Phase I is largely completed (developing partnerships, facilities, and staff recruitment) and the current goal is to have Phase II (research development, graduate student recruitment, field site establishment) completed within 5 years. Other than this timeline, the M&E strategy is unknown.
Sources of Information	http://apitmid.hawaii.edu/index.htm
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