

Bandar-Abbas Education and Research Station

World Health Organization Regional Office of Malaria Training



Introduction: Bandar-Abbas Education and Research Station of the School of Public Health of the Tehran University of Medical Sciences was established in 1958. In addition to other duties of this station which are included in its initial objectives, this station holds malaria training courses in association with WHO and is in charge of holding higher Malaria courses and trains domestic and foreign expert in theory and practice. The first higher Malariology course was held in 1992 and since then 14 international courses (international management and planning course of controlling malaria) have been held in this station and about 272 of malaria officials from Iran, Afghanistan, Iraq, Pakistan, Sudan, Saudi Arabia, Yemen, Bahrain, South Africa, Turkey, Oman, Egypt, Somali, Syria, Uganda, Zimbabwe, Botswana, Zambia, Kenia, and Jordan have participated in the courses and managed to obtain certificates. Also, this station has an important role in holding retraining courses of microscopic diagnosis of malaria in Iran.

This station has dormitories for professors and students. The floor area is almost 8284.40 square meters and infrastructure building area of 1478.90 square meters and the conference hall has a capacity of 100 persons. One of the most active and important sections of Bandar-Abbas station is the Insectarium (Anopheles Mosquitos Breeding Center) which is very crucial for holding international courses of malaria and M.S. and Ph.D. dissertations in entomology. Recently by forming “Community Office of Society’s Evaluation and Development of Chahestan Region” this station has found a more pronounced role in conducting research on population basis and field training by performing society

evaluation studies and emphasizing on periodic international MPH and field epidemiology training courses.

Objectives of this station include the following:

- 1- Assisting in conducting dissertations and research projects, addressing the needs of local researches, assisting in applying the results of local researches on provincial policies, designing and implementing educational programs of empowerment for national and international experts
- 2- Creating a national sample field for society evaluation studies and emphasizing on society education and society-based researches in order to improve public health and to develop primary healthcare services to control factors affecting public health in director association with the society in order to empower them

Mission: The most notable objectives of this station are as follows: studying and controlling diseases transmitted by arthropods especially malaria, continuous evaluation of malaria control operations, determining sensitivity of vectors to insecticides, developing appropriate and scientific methods of controlling common infectious diseases such as cholera, trachoma, etc in Hormozgan province, investigating the status of provincial health, creating research and educational fields for professors and students of country's universities.

Research Activities Performed:

- Society evaluation and diagnosis of Chahestan region in Bandar-Abbas project to determine health priorities, prepare and implement operational programs to create a national sample field for society evaluation
- Assisting in conducting various research dissertations of M.S and Ph.D. students and also research projects of professors and scholars.

It is worth mentioning that dozens of articles have been printed with reference to Bandar-Abbas Education and Research Station and mentioning this affiliation which are results of research in this field. Among dissertation and research projects in progress currently in association with this station the following can be named:

- Evaluation of Society and Diagnosing Problems of Chahestan Province of Bandar-Abbas to Determine Health Priorities, Preparing and Coordinating Implementation of Operational Programs for Main Problems: 2014-2015 (Dissertation of Masters of Epidemiology)
- Investigating Some of the Bio-ecological Properties of Malaria Vectors in Jask City in 2013-2014 (Masters Dissertation)
- A Comparative Analysis on Efficacy of Piperonyl Butoxide (PBO) Synergist Formulation and Deltamethrin on wild species of *Anopheles stephensi* in South East of Iran by Using

Quantitative, Biochemical and Biometric Methods in Different Levels to Offer Solutions for IVM Program of 2014-2015 (Ph.D. Dissertation)

- Determining Antibody Responses of Individuals to *Anopheles stephensi* bites and Comparing the Reaction of Saliva Antigen and Antibodies of People bitten by PPN *Culex* Mosquitoes in Vitro: 2014-2015 (M.S. of Entomology)