



MOSQUITO DENGUE

FIGHTERS ASSOCIATION

Dedicated to dengue prevention through mosquito control

SUMMARY REPORT

April 1, 2014 – March 31, 2015

Officers and Board of Directors:

Dr. Cincin Young, *Executive Director*
Dr. Meneleo Navarro, *President*
Dr. Dulce Dawang, *VP & Treasurer*
Dr. Lesley Lubos, *Secretary*
Danilo Gualberto, *Technical Director*
Jessie Co, *Project Coordinator*
Tito Alex Besinga, *Chair, Dengue
Mosquito Control Task Force*
John Gualberto, *Administrative Asst.*

Provincial Chapter Heads:

Dr. Lesley Lubos, *Misamis Oriental*
Julie Ko, *Cebu*
Marjie Jalandoni, *Leyte*

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Nonprofit NGO registered in the
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A Program of Sahaya International
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CONTINUING ACTIVITIES

Information drives at schools, LGUs (local government units), barangays (smallest administrative division referring to a suburban neighborhood), churches and private groups are still ongoing. We also have collaborated with the Eagles Club of Consolacion (ECC) to give seminars on “Dengue prevention”, “Dengue awareness”, “Dengue Updates” and/or “Dengue Mosquito Surveillance and Monitoring”.



Mr. Danilo Gualberto, MDFA Technical Director, giving dengue prevention seminar to residents of Barangay Macapaya, CDO



Dr. Meneleo Navarro, MDFA President, giving dengue awareness presentation to residents of Ecoville, Xavier Estate, CDO



Mr. Jessie Co, MDFA Project Coordinator and also Officer of ECC, giving dengue prevention seminar to residents of Barangay Pagatpat, CDO



Ms. Julie Ko, MDFA Cebu Chapter Head, giving video presentation on dengue prevention to students of Paypay Elementary School, Cebu



Ms. Marjie Jalandoni, MDFA Leyte Chapter Head, giving dengue prevention seminar to residents of Barangay Mazawalo, Palompon



Dr. Cincin Young, MDFA Executive Director, giving dengue prevention seminar to residents of Barangay Ipil, Ormoc

CONTINUING ACTIVITIES

Mosquito control using ovitraps and Bti products continue by giving ovitrap-making seminars at schools, churches and private groups. These autocidal ovitraps are installed inside and outside the houses. We also have collaborated with ECC to teach ovitrap-making to residents during the ECC's monthly feeding. We distributed *Bti* mosquito dunks as mosquito larvicide. *Bti* (*Bacillus thuringiensis israelensis*) targets mosquito larvae, blackfly larvae and corn borers and are harmless to others.



Mr. Danilo Gualberto giving ovitrap-making seminar to residents of Brgy Aluba, CDO



Mr. Jessie Co, giving ovitrap-making seminar to residents of Brgy Canitoan, CDO



Mr. Danilo Gualberto, training Xavier University (XU) students on ovitrap-making as part of their "Skills Training Program", CDO



Mr. Jessie Co, giving ovitrap-making seminar to members of El Gibbon Church, CDO



Ovitrap-making was also taught to XU Grade School Girls Scouts to install at their school



Dr. Cincin Young distributing Bti mosquito dunks to residents of Brgy Linao, Ormoc

CONTINUING ACTIVITIES

Surveillance and monitoring of *Aedes* mosquitoes continued in 2014 as Mr. Danilo Gualberto, instructor for Entomology classes at Xavier University, had his classes do the mosquito surveillance and monitoring in two different barangays, Brgys Carmen and Camaman-an. *Aedes* mosquito distribution and monitoring was conducted while installing ovitraps in specific areas and sampled weekly. Results of the studies were presented to the Barangay Heads, Barangay Health Workers, Zone Leaders and other members of the communities. Areas of high *Aedes* mosquito densities were identified and the communities advised to cleanup dengue high-risk areas.



Bio 58L-YA of Xavier University (XU) making ovitraps under the instructions of Mr. Gualberto



Bio 58L-YB of XU making ovitraps under the instructions of Mr. Gualberto. They did it in 1.5 hr only!



Sampling for *Aedes* larvae in Brgy Carmen



Monitoring of mosquito larvae in Brgy Camaman-an



Presentation of results by Bio 58L-YA in Brgy Carmaman-an



Presentation of results by Bio 58L-YB in Brgy Carmen

CONTINUING ACTIVITIES

Workshop on “Dengue Mosquito Control and Surveillance with Modified Autocidal Ovitrap” was conducted by Mr. Gualberto and his Biology 58L Class for about 40 participants from Brgys Caman-an and Carmen held at Xavier University on September 24, 2014. It was a whole day (9AM-5PM) event with free lunch for the participants, students and presenters.



Weekly dengue updates over the radio on dengue prevention and awareness were broadcasted for 10 minutes every Wednesday at 6:30 PM during the Radio Program “*Aray Ko, Dok!*” (translated as “Ouch, Doc!”) of Dr. Meneleo Navarro (MDFA President) on DXRU 1188AM which can be heard over 4 provinces. MDFA Technical Director Mr. Gualberto also made guest appearance as expert consultant.



Fundraising for MDFA was held on October 18, 2014 with a huge multi-family yard sale by some of the Yolo County (Davis, Woodland and West Sacramento) Filipino families in California at the Tiangco residence. This is the second year we held a yard sale for MDFA at the same residence in Davis. Funds for mosquito dunks were raised at the Photo Corners during the MFI Hawaiian Night (May 17, 2014) and Seniors Prom (October 25, 2014).



Donations from **FFUCOCENE!** will be used to purchase mosquito dunks for water treatment. These will be distributed in Ormoc during our Medical Mission in February 2015. Mosquito dunks contain *Bti* (*Bacillus thuringiensis israelensis*) that kills mosquito larvae and reduce mosquito population, thus reducing spread of dengue fever outbreaks. *Bti* is harmless to human, other mammals, fish, birds, and other organisms except black fly larvae and corn borers.

Thank you!



OTHER ACTIVITIES

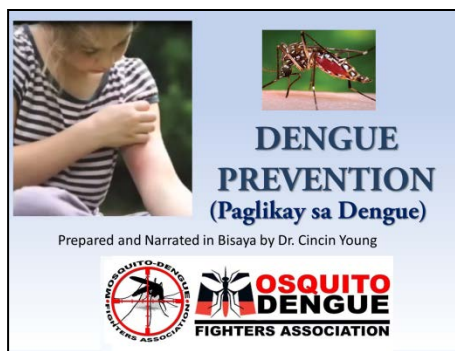
PAMET seminar: On May 17, 2014, Dr. Cincin Young presented a 1-hr seminar on “Dengue and It’s Prevention” to the Philippine Association of Medical Technologists (PAMET) in Roseville, California. It was attended by about 30 PAMET members. PAMET donated \$100 to the Mabuhay Foundation International (MFI) for the purchase of mosquito dunks for the Anti-Dengue Campaign Task of the MFI Medical Mission.



Collaboration on Dengue Research Project: A meeting at the City Health Office of CDO was held with Dr. Fe Bongcas (CDO City Health Officer) and the NIH-UP, Manila-based DenCET Team on August 29, 2014. DenCET stands for "Dengue, Climate, Evolution and Transmission". It is a Philippine-Taiwan Dengue Research Project that MDFA and CDO Health Office is collaborating with.

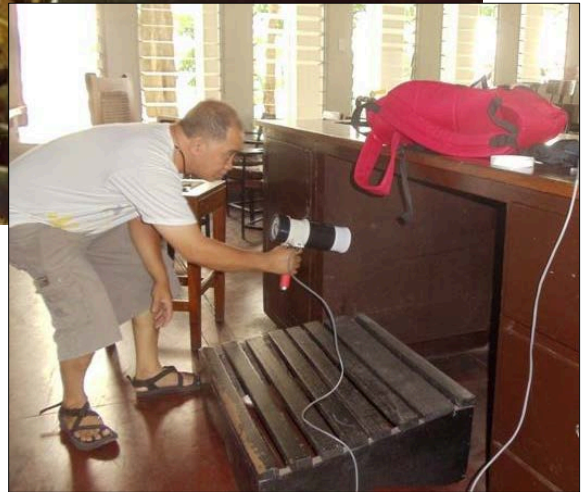


Video production: MDFA produced three videos in Bisaya vernacular: “Dengue Awareness”, “Dengue Prevention” and music video of the MDFA jingle “Ikaw Mismo Dengue Fighter”. The last two videos were used in the Anti-dengue Campaign Task during the Medical Mission of MFI at Ormoc and Palompon of Leyte Province.



OTHER ACTIVITIES

PROKOPAK Mosquito aspirator was purchased from John Hock Co., USA for the purpose of adult mosquito sampling. This equipment is essential for the Dengue Research Project in collaboration with DenCET as well as for MDFA *Aedes* surveillance. Prokopak can be used with or without the 4-ft extension pole. Mosquitoes are trapped and are identified in the laboratory using a stereomicroscope and later verified using DNA analyses by DenCET Team in Manila.



OTHER ACTIVITIES

Anti-dengue Campaign as part of the Medical Mission of the Mabuhay Foundation International (MFI) had Dr. Young and Ms. Jalandoni teaming up to give dengue-prevention presentations and distribute 500 mosquito dunks in Brgys Linao and Ipil in Ormoc City, and Brgy Mazawalo in Palompon City. Both cities are in Leyte Province, Philippines. A special presentation was made for the Barangay Head, Barangay Health Workers, Tanod (Councilmen) and personnel from the Department of Health in Palompon City. Dr. Young gave 200 Bti mosquito dunks to Mazawalo Barangay Captain of Palompon, to be placed in canals during rainy season.



THE WORK FORCE

Officers and Board of Directors



From left: Dr. Menelo Navarro (President), Mr. Danilo Gualberto (Technical Director), Mr. Alex Tito Besinga (Chair DMCT), Dr. Cincin Young (Executive Director), Dr. Dulce Dawang (VP & Treasurer), Mr. Jessie Co (Project Coordinator) and Mr. John Gualberto (Administrative Asst.)

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