

New Challenges New Tools Work Stream: 2017 / 2018 Work Plan

Date: 27th Jan 2017

Co-leaders: Mike Reddy & Fredros Okumu

Project/work plan: Project 1: Consolidating Evidence on New Challenges and New Tools for Malaria Vector Control						
#	Name of Activity	Timeline in 2017/2018	Actual Status	Responsible Project manager	Support required	Comments
1	The UCSF team has completed an in-depth review on "Expanding the Vector Control Tool Box for Malaria Elimination".	Feb 2017	Completed	UCSF Team (Allison Tartasky, Yasmin Williams, Lucy Tusting) and Fredros Okumu	Yes / no If yes, state budget	This was taken up by our UCSF partners.
2	This review also included a large online survey with various experts across the globe. The work includes a comprehensive review of up to 22 vector control tools other than IRS and LLINs.		Completed			
	The team will present findings during the VCWG Meeting in Geneva in February 2017.		Completed			
	A final report will be published in 2017.		pending			

Project/work plan: Project 2: Mutual learning and idea sharing between south-east Asia and Africa						
#	Name of Activity	Timeline in 2017/2018	Status	Responsible Project manager	Support required	Comments
1	Engagement was initiated with the help of Drs. Mike McDonald (Baltimore) and Jeffrey Hii (Bangkok).	Completed	Completed in Dec 2016	Fredros Okumu, Michael Macdonald and Jeffrey Hii	Yes / no If yes, state budget	The Asian team has been invited to join the discussions in Geneva in February 2017.
2	Work stream lead (Fredros Okumu) participated and presented the African perspective on new challenges and new tools during the Joint International Tropical Medicine Meeting in Bangkok in December 2016. Discussions were held with Jeffrey and team.		Completed in Dec 2016			Travel support was contributed by Ifakara Health Institute; through a Wellcome Trust Fellowship & by Mahidol University, Bangkok
2	Separately there are groups in south east Asia already working actively on residual malaria transmission, including outdoor biting. Plans are underway to conduct a joint meeting for all groups, including those in Africa and Asia studying residual malaria transmission, under the auspices of TDR (ATT Florence Forque)		Completed in Dec 2016			

Project/work plan: Project 3: Engagement with and Support for I2I						
#	Name of Activity	Timeline in 2017/2018	Status	Responsible Project manager	Support required	Comment
1	Some minimal complementary work on this was started in collaboration with LN work stream, looking at indicators for assessing new-generation bed nets.	--	Pending	Mike Reddy & Fredros Okumu	Yes / no If yes, state budget	This activity was planned for 2016 but was not completed.
2	During a meeting held in Atlanta between the leaders of VCWG-NTNC and VCWG LN working groups; a tentative		Pending			

Project/work plan: Project 4: Symposium on New Tools and New Challenges during the PAMCA conference side meeting						
#	Name of Activity	Timeline in 2017/2018	Status	Responsible Project manager	Support required	Comment
1	Contacts were initiated with PAMCA organizing committee in July 2016; permission to hold the symposium was obtained from PAMCA	--	Completed in Sept 2016	Fredros Okumu, Charles Mbogo, Silas Majambere, Samson Awolola and Mike Reddy	Yes / no If yes, state budget	The Symposiums: The VCWG-NTNC symposium was to a great extent very successful, and covered not only the new tools (for example the Ivermectin presentation by Bernard Abongo),

							but also current challenges such as insecticide resistance
2	We put forth an invitation to all members seeking presentations. Reviews of these applications (which included abstracts and reference letters) were reviewed independently by at least 4 reviewers selected from among the VCWG membership. Two Students were offered travel funding support (Bernard Abon'go and Emmanuel Kaindoa).						<p>We received funding support from SDC, through Konstantina's Budget at SwissTPH to cover the two selected students and one co-chair of the workstream.</p> <p>Additional funding support was provided by UCSF (Samson Kiware, presented on behalf of UCSF). IVCC provided funding for Silas Majambere</p>
	<p>A Keynote address was provided by Dr. Abdoulaye Diabate (IRSS, Burkina Faso) on Targeted Aerial Space Spraying of <i>Anopheles</i> mosquito Swarms. There were three other presentations on new challenges and new tools for malaria vector control. As follows:</p> <ol style="list-style-type: none"> 1. Emmanuel Kaindoa (Ifakara Health Institute, Tanzania); Dominance of <i>Anopheles funestus</i> in malaria transmission in East Africa 						

	<p>2. Bernard Abongo (Kenya Medical Research Institute, Kenya): Potential of ivermectin for Malaria Control</p> <p>3. Presentation from University of California, San Francisco (by Dr. Samson Kiware).</p> <p>After the presentations we held a round table discussion on New Tools and New Challenges. This debate focused on what the major challenges currently are, and also what are the possible high value new tools that we could use. The discussion will be moderated by Fredros Okumu but panelists will included: Abdoulaye Diabate (IRSS), Charles Mbogo (PAMCA), Samson Kiware (UCSF), Delphine Thizy (Target Malaria) and Silas Majambere (IVCC)</p>						
3	<p>On the last day of PAMCA, we held a second symposium, focusing on the role of PAMCA in addressing these Vector-Control Challenges. A full report on PAMCA has already been circulated by Prof. Charles Mbogo's Team at PAMCA</p>						

Project/work plan: Project 5: Develop draft guidelines for measuring residual malaria transmission and its drivers.						
#	Name of Activity	Timeline in 2017/2018	Status	Responsible Project	Support required	Comment

				manager			
1	The plan by members here was to examine methods used in past, current and new studies on residual malaria transmission in Africa and Asia, and develop draft standardizable guidelines to quantify the transmission and its drivers across settings.	Due Late 2017; no specific dates set	Completed in November 2017	April Monroe & Mike Reddy & Fredros	Yes / no If yes, state budget A budget to host the residual transmission meeting may be required		
2	Discussions on this subject were completed during the VectorWorks Annual Work Planning Meeting (18 th -19 th July 2016); in Baltimore, attended by both Konstantina and Fredros. During this meeting, a proposals to do this in support of and in partnership with VectorWorks program at JHU, was made and adopted. Given that VectorWorks JHU has overlapping interests, it was reasonable to merge these activities and optimize outcomes.						We are aware that TDR is planning a similar effort in 2017, so we expect to engage also with TDR during the February 2017 Geneva meeting. The expectation is that a joint meeting of all groups working on residual malaria transmission will be held somewhere in Africa, (or as a side meeting to a pre-scheduled meeting) sometime in late 2017.
3	During the forthcoming Geneva meeting, Ms. April Monroe (from JHU) will provide a presentation on general progress of residual transmission work (including measures of indoor and outdoor biting; and human behavioural determinants)						

