



2010 Annual Report

December 2010

Africa Fighting Malaria (AFM) was formed as a Section 21 non-profit company in South Africa in May 2000 and as a 501(c)3 non-profit in the United States in June 2003. AFM's mission is to make malaria control more transparent, responsive and effective through investigative research and global advocacy. AFM combines technical expertise and strategic communications to hold public, private and non-profit institutions accountable for the promises they make, the funds they spend and the campaigns they undertake. AFM's aim is to ensure sound, integrated and country-driven malaria control policies that are based on solid scientific evidence.

2010 has been a busy, challenging and rewarding year for groups involved in malaria control and malaria control policy. Donor and UN agencies are scaling up their response to this preventable and curable disease. African governments are being more proactive in their efforts to control malaria and are devoting more of their own resources to fighting the disease. As funding for malaria control increases, so does the need for an objective, independent, watchdog organization like AFM.

In 2010, AFM continued to conduct and publish original research and advocate for better, more effective programs. More specifically, AFM continued its work to defend the rights of malaria control programs to use the most appropriate technologies given their circumstances and provided practical support to these programs. This report details AFM's achievements in 2010 and outlines our plans for 2011 and beyond. AFM's publications and media appearances are available in Table 1 and Annex A of this report.

AFM Board and Staff

AFM's board and staff remained unchanged during 2010.

2010 Activities

Indoor Residual Spraying and Advocacy for Public Health Insecticides

During 2010, AFM continued its robust defense of insecticides for public health and for comprehensive vector control programs. A key component of AFM's work is to support the malaria control programs in many African countries that use insecticides as part of their control efforts. Use of insecticides, however, is not without controversy and AFM regularly responds to research and/or activist pressure that may seek to limit and undermine the use of such chemicals in malaria control. AFM engages directly with public health policy makers from national governments and multilateral organizations such as the United Nations. AFM has found that a combination of media and public debate along with direct advocacy to be the most effective way of effecting change.



In October 2009, the *British Journal of Urology International* published a study by Prof. Riana Bornman and colleagues entitled “DDT and urogenital malformations in newborn boys in a malarial area.” The study measured the prevalence of external urogenital birth defects in 3310 newborn baby boys, some of whom were from malarial areas whose houses had been sprayed with DDT. The study concluded that mothers living in houses that had been sprayed with DDT had a 33% greater chance of having a baby with a urogenital birth defect than mothers living in houses that had not been sprayed. AFM welcomes studies that provide the public health community with improved understanding of public health interventions. However, the Bornman *et al* research is neither informative nor instructive and could severely undermine malaria control. AFM worked with several colleagues from southern Africa to evaluate the Bornman *et al* study and found several shortcomings and inconsistencies. In January 2010, AFM submitted a detailed letter for consideration to the *British Journal of Urology International*, which was accepted and published in April 2010. The letter highlighted problems with the interpretation and representation of cited literature, as well as several inconsistencies and shortcomings in design, data analyses and interpretation. Bornman *et al* were invited by the journal to comment on the response but declined to do so.

In November 2009, Henk van den Berg had a review published in *Environmental Health Perspectives* (EHP) entitled “Global Status of DDT and Its Alternatives for Use in Vector Control to Prevent Disease” in which he raised concerns about the impact of DDT on human health. AFM’s Richard Tren and Prof. Donald Roberts wrote a detailed response to the van den Berg paper, which was published in EHP in January 2010. In July 2010, Hans Herren and Charles Mbogo commented on AFM’s letter, and in turn, Prof. Roberts and Richard Tren responded, defending their work to protect the use of DDT in malaria control, and warning that as pressure mounts to eliminate all uses of DDT without a true replacement, the debates will become more polemic in nature.

In June 2010, AFM began researching false reporting and scientific malfeasance in a malaria control program in Mexico and Central America, which was funded and managed by the UN Environment Program and Global Environment Facility. These two organizations along with the WHO issued a press release in 2009 claiming that insecticide-free malaria control achieved a reduction in malaria cases of over 60%. In reviewing project documents and evaluations by independent scientists, AFM discovered that the claims about the success of this project were false and misleading. In collaboration with Prof. Donald Roberts, AFM drafted a detailed review of the project and submitted a manuscript for publication to the peer-reviewed journal *Research and Reports in Tropical Medicine* in November 2010. The manuscript was accepted in December and AFM anticipates publication in early January 2011 in time for the WHO Executive Board session.

AFM initiated and co-hosted a panel discussion on public health insecticides in the US House of Representatives in June 2010. The discussion was moderated by AFM’s Richard Tren and featured speakers from Malaria No More, the US President’s Malaria Initiative and Syngenta, a leading manufacturer of public health insecticides. The ‘standing-room-only’ event was highly informative and helped to increase understanding about the needs of malaria control programs and the role that donor nations and the private sector can play.



AFM's Richard Tren and Prof. Donald Roberts continued their outreach to improve understanding about the role of insecticides for malaria control. Their contributions to a highly accessed blog, TH!NK ABOUT IT, which deals with development and global health issues, ensured that a post in June 2010 on the topic of DDT and malaria was the most highly accessed post, generating the highest number of comments of any post on the blog site.

The Excellent Powder: DDT's Political and Scientific History

AFM launched its definitive book on DDT and malaria control at two highly successful events held in Washington, DC on April 21, 2010 and in Sandton, Johannesburg on April 28, 2010. The book entitled *The Excellent Powder: DDT's Political and Scientific History*, by Prof. Donald Roberts and Richard Tren, with Roger Bate and Jennifer Zambone, has been in the works for several years. It is a major study on the science of malaria, the way in which DDT operates in malaria control and the political opposition to effective malaria control using public health insecticides. The book, which is over 400 pages long with almost 800 footnotes, challenges many of the preconceived ideas about the environmental and human health effects of DDT and has been welcomed by the malaria control community. More information can be found at www.theexcellencepowder.org. The book generated over 60 media hits in leading print, broadcast and electronic media outlets throughout 10 countries.

Safe Medicines Project

In 2010, AFM continued its Safe Medicines Project, which was started in 2007 with the collecting and testing of antimalarial drugs in African markets.

In February 2010, AFM conducted a sampling of antimalarial drugs from private pharmacies in Lagos and Accra. The drugs were tested via Raman spectrometry, visual inspection, thin-layer chromatography, and disintegration, to identify substandard and counterfeit products. The results were compared to those from previous samplings in these cities, and in June 2010, AFM published a research paper in *Malaria Journal*.

As part of AFM's ongoing work in drug safety, in 2009, AFM explored the transit of drugs from website pharmacies to understand how fake and substandard drugs are traded. This study was expanded in 2010, and in August, AFM published a paper in *PLoS ONE*, examining drug purchasing over the Internet, by comparing the sales of five popular drugs from a selection of website pharmacies stratified by NABP or other ratings. The drugs were assessed for price, conditions of purchase, and basic quality.

In January, February and June 2010 AFM conducted samplings of antimalarial drugs from private pharmacies in Lagos, Accra, Addis Ababa, Cairo, Luanda, Lubumbashi, Lusaka, Kampala, Nairobi, and Dar es Salaam. These drugs, along with those from previous samplings, were visually inspected for evidence of diversion, whereby antimalarial drugs intended to be dispensed free of charge in public health facilities were found on sale in the private sector. This practice undermines malaria control and treatment and wastes scarce public funds. In September



2010, the peer-reviewed journal *Research and Reports in Tropical Medicine* published AFM's research paper. The article spurred the Global Fund to respond in the media that an investigation is underway (<http://www.pbs.org/newshour/rundown/2010/09/global-fund-investigating-possible-theft-of-malaria-medication.html>). AFM's work to highlight this problem has been an important contribution to the debate around procurement policies for malaria commodities.

In September/October 2010, AFM, in collaboration with colleagues at the American Enterprise Institute and Boston University's School of Public Health, published a working paper analyzing drug registration in 12 countries. Further to this research, AFM submitted a manuscript for consideration to *Research and Reports in Tropical Medicine*, exploring whether there is a relationship between drug registration and basic drug quality. The paper was published in December 2010.

In October 2010, AFM submitted a letter to *The Lancet*, commenting on a new scheme to procure and distribute highly subsidized malaria medicines through the private sector. The scheme, known as the Affordable Medicines Facility malaria (AMFm), will cost taxpayers tens of millions of dollars, however as AFM explains in its letter, it is already pulling back from any meaningful measurement of success. AFM awaits a response from *The Lancet*.

March of Washingtons

In May 2008, Hedge Funds vs. Malaria & Pneumonia and AFM teamed up to launch a broad-based campaign to buy and distribute high-quality antimalarial drugs to people in Africa, and test for fake and substandard antimalarial drugs on sale in African markets. A website for the campaign was launched in October 2008 at www.marchofwashingtons.org, and was redesigned in March 2010. In August 2010, the March of Washingtons distributed its second donation of \$10,000 for antimalarial drugs to Soft Power Health's clinic in Uganda. This donation was made possible, in part, due to impressive fundraising efforts by several students at Seattle's Northwest School.

In July 2010, the March of Washingtons decided to expand its efforts. Because cases of pneumonia are often misdiagnosed as malaria, and pneumonia claims many lives in Africa, the March of Washingtons committed to also raising funds to purchase and distribute antibiotics for the treatment of pneumonia. The website was updated accordingly, and an announcement was posted on AFM's website and distributed in AFM's bi-weekly newsletter. In November 2010, the March of Washingtons distributed its first donation for pneumonia drugs, third donation overall; \$5,000 was donated to Soft Power Health's clinic in Uganda for the purchase and distribution of antibiotics for the treatment of pneumonia.

As of December 17, 2010, a total of \$94,613 has been raised by the March of Washingtons.

World Malaria Day 2010

Roll Back Malaria's theme for World Malaria Day 2010 was "Counting Malaria Out". AFM supports the Roll Back Malaria Partnership in their efforts to improve data collection and track



progress of malaria control. As described above, AFM has been focusing its efforts on ‘counting out’ poor-quality antimalarial drugs. In addition, AFM’s Jasson Urbach had an article covering World Malaria Day re-published by South Africa’s Health Policy Unit as well as Tshikululu Social Investments.

Malaria Taxes and Tariffs Project (MTAP)

AFM continues to work with the Academy for Educational Development (AED) on a global research and advocacy program commissioned by the Bill and Melinda Gates Foundation to document the incidence of taxes and tariffs on antimalarial commodities. The research covers over 70 countries and involves four focus case studies. The MTAP project is a two year project that aims to disseminate information about the economic effects of taxes and tariffs on access to antimalarial commodities. AFM’s Richard Tren participated in various events to promote removal of import tariffs and taxes, including a poster presentation at the American Public Health Association Conference in Denver, CO. Richard Tren also traveled to Kampala (Uganda) in July 2010 to attend the African Union Summit and assist the African Leaders Malaria Alliance in their push against tariffs and taxes on commodities. As part of a highly successful launch of the campaign, Tanzania’s President Kikwete called on all countries to remove their tariff and non-tariff barriers imposed on malaria commodities.

LSDI Regional Control Mechanism (RCM)

AFM continues to hold a position on the RCM of the Lubombo Spatial Development Initiative (LSDI), the highly successful and innovative Swazi, South African, Mozambican malaria control program. AFM is the official advocacy partner and assists the LSDI in telling its story internationally and building wider support for the interventions that have been successfully implemented – IRS, improved treatment with ACTs, and ITNs. AFM will continue to assist the program with their advocacy work throughout 2011.

MOZIZA Cross Border Initiative

AFM assisted the South African Department of Health with drafting their submission to the Global Fund, requesting funding to establish a cross border malaria control initiative between Mozambique, Zimbabwe and South Africa provisionally entitled MOZIZA. It is envisaged that the new cross border collaboration will be based on the same winning strategy implemented through the LSDI program. AFM will continue to assist the SA Department of Health with their endeavours to assist neighbouring countries with their malaria control interventions.

South African National Malaria Control Program

AFM continues to have a close relationship with the South African National Malaria Control Program (NMCP). AFM is on the Malaria Advocacy Group (MAG) of the NMCP and its role is to assist the program with developing a malaria advocacy strategy. Through its position in the MAG, AFM also attends the NMCP review meetings where the detailed workings of the SA national malaria control strategy are discussed. AFM continues to engage with the department on

an internal basis and to assist the program with any issues it may have.

Limpopo Province Academic Research Collaboration

AFM in collaboration with the Limpopo Malaria Control Programme and the Medical Research Council are conducting a Knowledge, Attitudes and Practices (KAP) study to gain a better understanding of malaria control spray operator's perceptions surrounding the use of the insecticide DDT for malaria control in Limpopo province. The project is entitled: Vector control worker's knowledge, attitudes and practices towards the indoor residual spraying (IRS) insecticides in Limpopo, South Africa. The questionnaire for the survey was finalized in June 2010 and over 100 spraymen, managers and foremen involved in the Limpopo Malaria Control Programme were indentified so that a sufficiently broad spectrum of results could be gathered. Field work is expected to commence in early 2011.

Media Coverage

AFM continued to influence public opinion and global malaria control policies through publications in the popular and peer-reviewed press. AFM placed articles and letters in the South African and international press. Among others, the publications included *Business Day*, *Wall Street Journal*, *USA Today*, *The Herald* and *Daily Monitor*. AFM believes there is great value in influencing public opinion through the media, and in improving the understanding of malaria control and the many issues that public health programs face in poor countries. AFM continued to be a resource for the electronic media. Richard Tren, Roger Bate and Jasson Urbach appeared on radio and television programs in Africa, Europe and the US.

Table 1: AFM in the media

Publication	Title	Author	Date
Online Media Coverage			
Global Health Council	About Those Malaria Goals	Richard Tren & Donald Roberts	April 8, 2010
Op-eds			
Environmental Health Perspectives	DDT and Malaria Prevention	Richard Tren & Donald Roberts	January 1, 2010
AfricanLiberty.org	Killer drugs	Jasson Urbach & Richard Tren	February 9, 2010
The African Executive	Fake Drugs Endanger Africa's Billionth Child	Jasson Urbach & Richard Tren	February 9, 2010
newZimSituation.com	Fake Drugs: Counterfeiting human life	Jasson Urbach & Richard Tren	March 4, 2010
The Herald	Fake Drugs: Counterfeiting human life	Jasson Urbach & Richard Tren	March 5, 2010
welt-sichten	Mit DDT gegen Malaria?	Richard Tren	April 1, 2010
Wall Street Journal	About Those Malaria Goals	Richard Tren & Donald Roberts	April 8, 2010
The Daily Caller	Anti-insecticide extremists need to be 'Punk'd'	Richard Tren & Donald Roberts	April 12, 2010

Publication	Title	Author	Date
Tshikululu Social Investments	Commemorating World Malaria Day 2010	Jasson Urbach	April 16, 2010
USA Today	How bad science opened door for malaria	Richard Tren & Donald Roberts	April 22, 2010
ModernGhana.com	Killing the malaria killer	Richard Tren & Dipo Salimonu	April 22, 2010
The Guardian Nigeria	Killing the malaria killer	Richard Tren & Dipo Salimonu	April 22, 2010
Afrik.com	Africa: Killing the malaria killer	Richard Tren & Dipo Salimonu	April 23, 2010
Botswana Guardian	Killing the malaria killer	Richard Tren & Dipo Salimonu	April 23, 2010
The Times Group	MY POINT OF VIEW : Killing the malaria killer	Richard Tren & Dipo Salimonu	April 23, 2010
Daily Monitor	DDT will eliminate malaria	Richard Tren	April 23, 2010
The African Executive	State pharmaceutical not good for SA	Jasson Urbach	April 25, 2010
Business Day	Holding the line in battle against malaria	Richard Tren & Donald Roberts	April 26, 2010
The Star	DDT saves lives, politics doesn't	Jasson Urbach	April 26, 2010
Wall Street Journal	India's Fake Drugs Are a Real Problem	Roger Bate	May 17, 2010
Health Management Review Africa	Capping doctors' fees will cause a headache	Jasson Urbach	June 3, 2010
Lekgotla	Incentives matter	Jasson Urbach	June 6, 2010
Environmental Health Perspectives	DDT in Malaria Control: Roberts and Tren Respond	Donald Roberts & Richard Tren	July 1, 2010
Wall Street Journal	Africa's Stolen-Drug Problem	Roger Bate	September 1, 2010
The Star	Free health care' will cost SA	Jasson Urbach	October 5, 2010
Peer-Reviewed Publications			
British Journal of Urology International	DDT and Urogenital Malformations in Newborn Boys in a Malarial Area	Richard Tren, Donald Roberts et al.	April 9, 2010
Malaria Journal	Anti-malarial drug quality in Lagos and Accra - a comparison of various quality assessments	Roger Bate & Kimberly Hess	June 11, 2010
PLoS One	Assessing Website Pharmacy Drug Quality: Safer Than You Think?	Roger Bate & Kimberly Hess	August 13, 2010
Research and Reports in Tropical Medicine	Antimalarial medicine diversion: stock-outs and other public health problems	Roger Bate, Kimberly Hess & Lorraine Mooney	September 2, 2010
Research and Reports in Tropical Medicine	Medicine registration and medicine quality: a preliminary analysis of key cities in emerging markets	Roger Bate, Lorraine Mooney & Kimberly Hess	December 9, 2010
Press Releases			
PRWeb	New Book from Anti-Malaria Group Shows Darker Side of Earth Day	Africa Fighting Malaria	April 21, 2010
Topix	New Book from Anti-Malaria Group Shows Darker Side of Earth Day	Africa Fighting Malaria	April 21, 2010
Radio Coverage			
Voice of America - Housecall	Radio Interview	Richard Tren	January 19, 2010

Publication	Title	Author	Date
BBC World Service - World Business	Radio Interview	Richard Tren	January 20, 2010
WTIC - AM - Sound Off Connecticut	Radio Interview	Richard Tren	April 2, 2010
Westwood One - The Lars Larson Show	Radio Interview	Richard Tren	April 13, 2010
WLTP - AM - The Morning News with John and Doug	Radio Interview	Richard Tren	April 13, 2010
KVOW - AM - Chit Chat	Radio Interview	Richard Tren	April 16, 2010
KITZ, KGTK - The Mike Seigal Show	Radio Interview	Richard Tren	April 20, 2010
KMPB - AM - Murray in the Morning	Radio Interview	Richard Tren	April 22, 2010
Mississippi Radio Network - The Gallo Show	Radio Interview	Richard Tren	April 22, 2010
Political Tool Radio Network - The Political Toolbox	Radio Interview	Richard Tren	April 22, 2010
WLRN - Pm newscast	Radio Interview	Richard Tren	April 22, 2010
WRTI - FM - News	Radio Interview	Richard Tren	April 22, 2010
WTKF - FM / WJNC - AM - Coastal Daybreak	Radio Interview	Richard Tren	April 23, 2010
WWIB-FM / WOGO-AM - The Morning Show	Radio Interview	Richard Tren	April 23, 2010
Canadian Broadcasting Corporation	Radio Interview	Richard Tren	April 25, 2010
CKNW Radio	Radio Interview	Donald Roberts	April 25, 2010
KLVT - AM / KZZN - AM - Good Morning Texas	Radio Interview	Richard Tren	April 27, 2010
SAFM - Morning Show	Radio Interview	Richard Tren	May 1, 2010
SAFM - Morning Talk	Radio Interview	Richard Tren	May 3, 2010
KDAZ - AM - Morning Show	Radio Interview	Richard Tren	May 3, 2010
Lotus FM	Radio Interview	Richard Tren	May 4, 2010
Jim Bohannon Show	Radio Interview	Richard Tren	May 5, 2010
Jenny Crwys-Williams Show - 702	Radio Interview	Richard Tren	May 6, 2010

Publication	Title	Author	Date
WTFB - AM - 'The Book Shelf'	Radio Interview	Richard Tren	June 4, 2010
Voice of America	Radio Interview	Richard Tren	July 6, 2010
Television Coverage			
reason.tv	Demonizing DDT	Richard Tren & Donald Roberts	April 20, 2010
FOX Business Network - Stossel	Myths, Lies, and Downright Stupidity!	Richard Tren	April 22, 2010
ETV Africa	TV Interview	Richard Tren	April 29, 2010
ETV News with Robyn Kriel	TV Interview	Richard Tren	April 30, 2010
Web Commentary			
Health Policy Unit	Killer drugs	Jasson Urbach & Richard Tren	February 3, 2010
MoneyWeb	America's 'NHI' halted	Jasson Urbach	February 26, 2010
Health Policy Unit	World Malaria Day 2010	Jasson Urbach	April 16, 2010
The American	The Excellent Powder	Roger Bate	April 21, 2010
Health Policy Unit	Proposal to establish a state-run pharmaceutical manufacturer	Jasson Urbach	May 25, 2010
MoneyWeb	Capping doctors' fees will cause a headache	Jasson Urbach	June 3, 2010
The American	Successfully Combating Fake Drugs in Africa	Roger Bate	June 15, 2010
Health Policy Unit	World Cup: South Africa 10 – Malaria 0	Jasson Urbach	June 25, 2010
Health Policy Unit	DDT Attracts Unwarranted Criticism	Jasson Urbach	August 24, 2010
MoneyWeb	Medical aid tax deductions are not subsidies	Jasson Urbach	September 27, 2010
Free Market Foundation	Price controls reduce access to medicines	Jasson Urbach	December 7, 2010
MoneyWeb	Price controls reduce access to medicines	Jasson Urbach	December 7, 2010

Website and Newsletter

AFM continued to update its website commentary, news and statistics on a regular basis. The website continued to be a valuable resource for journalists, researchers and students, and AFM received feedback and commentary resulting from web publications. AFM also continued to distribute a biweekly electronic newsletter to nearly one thousand subscribers. The newsletter more widely disseminates AFM's advocacy work and raises the profile of malaria.

Conferences, Hearings and Outreach

AFM attended and presented at several meetings and conferences, including: the Regional Coordinating Mechanism (RCM) Meeting in Johannesburg, South Africa; the National Malaria Control Program (NMCP) meeting at the National Department of Health in Pretoria; the SA Malaria Elimination Strategy Meeting in Pretoria; the MOZIZA drafting proposal to the Global Fund in Pretoria; and the vector control strategy meeting for the South Africa National Malaria Control Program in Pretoria.



AFM attended the African Union Head of State Summit in Kampala, Uganda, in July 2010, giving policy and logistical support to the African Leaders' Malaria Alliance (ALMA), which is designed to increase African commitment to fighting this disease.

In November 2010, AFM's Richard Tren participated in a roundtable discussion on DDT entitled "DDT controversy in the face of safe and effective malaria vector control" in Geneva, Switzerland. The event was hosted by Biovision, *icipe* and Millennium Institute, with support of the Stockholm Convention Secretariat. Panel members included representatives from the UN Environment Program, private sector, the Ugandan Ministry of Health, research institutions and activist groups. Richard Tren was one of only two pro-DDT speakers and managed to effectively counter the many anti-DDT and anti-insecticide arguments that were made.

In December 2010, Richard Tren presented a paper on anti-insecticide activism and malaria control at the closing session of the Joint International Tropical Medicine Meeting and International Malaria Colloquium in Bangkok, Thailand.

Anticipated 2011 Activities

AFM will continue to play a crucial watchdog role for malaria in 2011, promoting evidence-based solutions and accountability for public spending. Through its success in 2010, AFM has forged new partnerships that will drive its advocacy through 2011 and into the future. AFM's focus will remain on advocacy for the safe and sustainable use of insecticides and the roll out of safe and effective medicines.

Safe Medicines Project and March of Washingtons

AFM will seek to continue collecting and testing antimalarial drugs in various African countries, particularly those associated with the Affordable Medicines Facility for malaria (AMFm). Through collecting and testing of antimalarial drugs in cities of AMFm countries, as well as bordering non-AMFm countries, AFM would be able to assess the AMFm's impact.

Through the March of Washingtons, AFM will continue to raise funds for high-quality antimalarial and/or pneumonia drugs and will seek to make further donations to a clinic in Africa during 2011.

Malaria Taxes and Tariffs Project (MTAP)

During the first quarter of 2011, AFM will continue to work with the Academy for Educational Development on the Gates Foundation-funded project to investigate and publicize the economic impact of taxes and tariffs on malaria control and development.

The Excellent Powder

AFM hopes to help spur investment and advocacy for new public health insecticides by educating public health university staff and students as well as congressional staff about the



importance of public health insecticides in malaria control and the need for new insecticides. AFM would also address some of the myths associated with DDT that has led to its decline in malaria control. AFM plans to distribute the book *The Excellent Powder* to university libraries and conduct speaker presentations at universities around the country, as well as host a panel discussion on public health insecticides on Capitol Hill with members from academia, the private sector and malaria control programs.

Advocacy on IRS and DDT

AFM is the only advocacy group that routinely supports IRS and through its advocacy work defends the use of DDT for malaria control. AFM will continue to work for the funding and creation of comprehensive malaria control programs that include all major interventions and not just those based solely on the delivery of bednets. In this vein, AFM will respond to research and advocacy material that continues to push one intervention to the exclusion of another.

Limpopo Province Academic Research Collaboration

AFM will continue to collaborate with the Limpopo Department of Health and the Medical Research Council to undertake the KAP study in Limpopo province to gain an understanding of the knowledge attitudes and perceptions of spraymen, foreman and managers involved in the Limpopo Malaria Control IRS program.

Summary

2010 has been a busy year for AFM. With so much public focus on malaria, our work has been essential to ensure that critical analyses are conducted, and governments and UN agencies focus their efforts on spending public funds in the best possible way to save as many lives as possible.

Much progress has been made against malaria in 2010 and AFM looks forward to working hard in 2011 to improve access to good quality antimalarial drugs and improve policies with regard to insecticides and mosquito control.



Annex A: AFM publications and media coverage of AFM

Publication	Title	Author(s)	Date	Country/ Region	Subject
AFM Reports					
Africa Fighting Malaria	Drug Registration - a necessary but not sufficient condition for good quality drugs – a preliminary analysis of 12 countries	Roger Bate et al	October 1, 2010	United States	Drug registration in 12 countries
Blog Coverage					
Business News	UN buys millions of malaria bednets but experts wonder if they're reaching African kids	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
The American Spectator	Earth Day vs. Human Life	Paul Chesser	April 22, 2010	United States	The Excellent Powder
The American	DDT for Life	Nick Schulz	May 6, 2010	United States	The Excellent Powder
TH!NK ABOUT IT	DDT: Sniffing Out Excellent White Powder	Bart Knols	June 22, 2010	Netherlands	The Excellent Powder
Malaria Policy Center	Study Finds Stolen Malaria Drugs Being Resold on Commercial Markets	Ben Brophy	September 1, 2010	United States	Drug diversion
Media Coverage					
BBC - Focus on Africa	Malaria: Curtains for mozzies	Anthea Rowan	January 22, 2010	United Kingdom	ITNs
Nature Medicine	China cracks down on counterfeiters	Paul Mooney	April 1, 2010	United States	Counterfeit drugs
Nature Medicine	Substandard drugs overshadowed by focus on fakes	Alla Katsnelson	April 1, 2010	United States	Counterfeit drugs
National Review Online	The Excellent Powder	Veronique de Rugy	April 20, 2010	United States	The Excellent Powder
National Review Online	In Honor of Earth Day, Let's Have Some DDT	Veronique de Rugy	April 21, 2010	United States	The Excellent Powder
Washington Examiner	From wonder chemical to environmental pariah -- and back again	Barbara Hollingsworth	April 27, 2010	United States	The Excellent Powder
Online Media Coverage					
The East African	Donor blamed for holding back anti-malaria campaign in EA	Cosmas Butunyi	January 3, 2010	Kenya	Kenya and Uganda procurement of malaria drugs through GF



Publication	Title	Author(s)	Date	Country/ Region	Subject
Armenian Medical Network	WHO reports progress in malaria control	Roger Collier	February 20, 2010	Armenia	CMAJ WHO World Malaria Report 2009
Kaiser Family Foundation	'Sound Science' Vital For Eradicating Malaria	Kaiser Family Foundation	April 12, 2010	United States	WSJ article - DDT in malaria control
Medical News Today	'Sound Science' Vital For Eradicating Malaria	Kaiser Family Foundation	April 13, 2010	United States	WSJ article - DDT in malaria control
Associated Press	Millions spent on malaria but problems remain	Maria Cheng	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
CBS News	Millions Spent On Malaria But Problems Remain	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
C-Health	UN buys millions of malaria bednets; experts wonder if they get to African kids	AP Feed	April 19, 2010	Canada	UNICEF and RBM report on malaria status in Africa
Chicago Tribune	UN buys millions of malaria bednets but experts wonder if they're reaching African kids	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
FOXNews.com	Millions spent on malaria but problems remain	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
Los Angeles Times	UN buys millions of malaria bednets but experts wonder if they're reaching African kids	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
msnbc.com	Millions spent on malaria but problems remain	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
New York Times	Millions spent on malaria but problems remain	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
Washington Examiner	UN buys millions of malaria bednets but experts wonder if they're reaching African kids	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
Washington Post	Millions spent on malaria but problems remain	AP Feed	April 19, 2010	United States	UNICEF and RBM report on malaria status in Africa
Kaiser Family Foundation	Report Details Progress In Fighting Malaria In Africa, Notes Funding Shortfall	Kaiser Family Foundation	April 20, 2010	United States	UNICEF and RBM report on malaria status in Africa

Publication	Title	Author(s)	Date	Country/ Region	Subject
Reuters	New book urges reversal of DDT ban to fight malaria	Tim Cocks	April 21, 2010	United States	The Excellent Powder
Reuters India	New book urges reversal of DDT ban to fight malaria	Tim Cocks	April 21, 2010	India	The Excellent Powder
1450 WHTC	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
ABC News	New Book Urges Reversal of DDT Ban to Fight Malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
AM1590 WTVB	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
daylife	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
guardian.co.uk	Millions spent on malaria but problems remain	AP Feed	April 21, 2010	United Kingdom	UNICEF and RBM report on malaria status in Africa
National Post	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	Canada	The Excellent Powder
News Talk WSAU	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
News Talk WTAQ	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
Scientific American	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
Sheboygan's Station 1330 WHBL	New book urges reversal of DDT ban to fight malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
The Macon Daily	Should DDT ban be lifted?	Reuters Feed	April 21, 2010	United States	The Excellent Powder
The Post Chronicle	New Book Urges Reversal Of DDT Ban To Fight Malaria	Reuters Feed	April 21, 2010	United States	The Excellent Powder
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